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Cover Page

Order ID : Q2176

Project ID : South River WM Replacement

Client : CDM Smith

Lab Sample Number	Client Sample Number
Q2176-01	TP-46
Q2176-02	TP-56
Q2176-03	TP-25
Q2176-04	TP-26
Q2176-05	TP-28
Q2176-06	TP-27
Q2176-07	TP-31
Q2176-08	TP-65

I certify that the data package is in compliance with the terms and conditions of the contract,both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature : _____

Date: 6/13/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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CASE NARRATIVE

CDM Smith
Project Name: South River WM Replacement
Project # N/A
Order ID # Q2176
Test Name: Mercury,Metals ICP-TAL

A. Number of Samples and Date of Receipt:
8 Solid samples were received on 05/30/2025.

B. Parameters:
According to the Chain of Custody document, the following analyses were requested: Diesel Range Organics, Gasoline Range Organics, Herbicide, Mercury, Metals ICP-TAL, METALS-TAL, PCB, Pesticide-TCL, SVOC-TCL BNA -20 and VOC-TCLVOA-10.
This data package contains results for Mercury,Metals ICP-TAL.

C. Analytical Techniques:
The analysis of Metals ICP-TAL was based on method 6010D, digestion based on method 3050 (soils). The analysis and digestion of Mercury was based on method 7471B.

D. QA/ QC Samples:

The Holding Times were met for all analysis.
The Blank Spike met requirements for all samples.

The Duplicate (B-187-SB02MSD) analysis met criteria for all elements except for Aluminum, Barium, Calcium, Iron, Magnesium, Potassium and Sodium due to Chemical Interference during Digestion Process..

The Matrix Spike (B-187-SB02MS) analysis met criteria for all elements except for Antimony due to Chemical Interference during Digestion Process.

The Matrix Spike Duplicate (B-187-SB02MSD) analysis met criteria for all elements except for Antimony, Barium, Sodium and Zinc due to Chemical Interference during Digestion Process.
The Blank analysis did not indicate the presence of lab contamination.
The Calibration met the requirements.
The Serial Dilution met the acceptable requirements.

E. Additional Comments:

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature_____

Alliance TECHNICAL GROUP

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DATA REPORTING QUALIFIERS- INORGANIC

For reporting results, the following " Results Qualifiers" are used:

J	Indicates the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL), but greater than or equal to the Instrument Detection Limit (IDL).
U	Indicates the analyte was analyzed for, but not detected.
ND	Indicates the analyte was analyzed for, but not detected
E	Indicates the reported value is estimated because of the presence of interference
M	Indicates Duplicate injection precision not met.
N	Indicates the spiked sample recovery is not within control limits.
S	Indicates the reported value was determined by the Method of Standard Addition (MSA).
*	Indicates that the duplicate analysis is not within control limits.
+	Indicates the correlation coefficient for the MSA is less than 0.995.
D	Indicates the reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range.
M	Method qualifiers **"P"** for ICP instrument **"PM"** for ICP when Microwave Digestion is used **"CV"** for Manual Cold Vapor AA **"AV"** for automated Cold Vapor AA **"CA"** for MIDI-Distillation Spectrophotometric **"AS"** for Semi –Automated Spectrophotometric **"C"** for Manual Spectrophotometric **"T"** for Titrimetric **"NR"** for analyte not required to be analyzed
OR	Indicates the analyte's concentration exceeds the calibrated range of the instrument for that specific analysis.
Q	Indicates the LCS did not meet the control limits requirements
H	Sample Analysis Out Of Hold Time

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APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: **Q2176**

	Completed
For thorough review, the report must have the following:	
GENERAL:	
Are all original paperwork present (chain of custody, record of communication,airbill, sample management lab chronicle, login page)	✓
Check chain-of-custody for proper relinquish/return of samples	✓
Is the chain of custody signed and complete	✓
Check internal chain-of-custody for proper relinquish/return of samples /sample extracts	✓
Collect information for each project id from server. Were all requirements followed	✓
COVER PAGE:	
Do numbers of samples correspond to the number of samples in the Chain of Custody on login page	✓
Do lab numbers and client Ids on cover page agree with the Chain of Custody	✓
CHAIN OF CUSTODY:	
Do requested analyses on Chain of Custody agree with form I results	✓
Do requested analyses on Chain of Custody agree with the log-in page	✓
Were the correct method log-in for analysis according to the Analytical Request and Chain of Castody	✓
Were the samples received within hold time	✓
Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle	✓
ANALYTICAL:	
Was method requirement followed?	✓
Was client requirement followed?	✓
Does the case narrative summarize all QC failure?	✓
All runlogs and manual integration are reviewed for requirements	✓
All manual calculations and /or hand notations verified	✓

QA Review Signature: **KETAN PATEL** **Date:** **06/13/2025**

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LAB CHRONICLE

OrderID:	Q2176	**OrderDate:**	5/30/2025 4:04:00 PM
Client:	CDM Smith	**Project:**	South River WM Replacement
Contact:	Marcie Ann Encinas	**Location:**	L41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2176-01	**TP-46**	**SOIL**			**05/28/25**			**05/30/25**
			Mercury	7471B		06/02/25	06/03/25	
			Metals ICP-TAL	6010D		06/02/25	06/10/25	
Q2176-02	**TP-56**	**SOIL**			**05/29/25**			**05/30/25**
			Mercury	7471B		06/02/25	06/03/25	
			Metals ICP-TAL	6010D		06/02/25	06/10/25	
Q2176-03	**TP-25**	**SOIL**			**05/29/25**			**05/30/25**
			Mercury	7471B		06/02/25	06/03/25	
			Metals ICP-TAL	6010D		06/02/25	06/10/25	
Q2176-04	**TP-26**	**SOIL**			**05/29/25**			**05/30/25**
			Mercury	7471B		06/02/25	06/03/25	
			Metals ICP-TAL	6010D		06/02/25	06/10/25	
Q2176-05	**TP-28**	**SOIL**			**05/29/25**			**05/30/25**
			Mercury	7471B		06/02/25	06/03/25	
			Metals ICP-TAL	6010D		06/02/25	06/10/25	
Q2176-06	**TP-27**	**SOIL**			**05/29/25**			**05/30/25**
			Mercury	7471B		06/02/25	06/03/25	
			Metals ICP-TAL	6010D		06/02/25	06/10/25	
Q2176-07	**TP-31**	**SOIL**			**05/29/25**			**05/30/25**
			Mercury	7471B		06/02/25	06/03/25	
			Metals ICP-TAL	6010D		06/02/25	06/10/25	
Q2176-08	**TP-65**	**SOIL**			**05/30/25**			**05/30/25**
			Mercury	7471B		06/02/25	06/03/25	
			Metals ICP-TAL	6010D		06/02/25	06/10/25	

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Hit Summary Sheet
SW-846

SDG No.: Q2176 **Order ID:** Q2176

Client: CDM Smith **Project ID:** South River WM Replacement

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : TP-46								
Q2176-01	TP-46	SOIL	Aluminum	1980		0.82	4.86	mg/Kg
Q2176-01	TP-46	SOIL	Arsenic	4.40		0.19	0.97	mg/Kg
Q2176-01	TP-46	SOIL	Barium	9.70		0.71	4.86	mg/Kg
Q2176-01	TP-46	SOIL	Beryllium	0.84		0.024	0.29	mg/Kg
Q2176-01	TP-46	SOIL	Cadmium	1.73		0.023	0.29	mg/Kg
Q2176-01	TP-46	SOIL	Calcium	639		10.8	97.1	mg/Kg
Q2176-01	TP-46	SOIL	Chromium	0.63		0.046	0.49	mg/Kg
Q2176-01	TP-46	SOIL	Cobalt	2.85		0.097	1.46	mg/Kg
Q2176-01	TP-46	SOIL	Copper	10.9		0.21	0.97	mg/Kg
Q2176-01	TP-46	SOIL	Iron	51100		3.88	4.86	mg/Kg
Q2176-01	TP-46	SOIL	Lead	7.82		0.13	0.58	mg/Kg
Q2176-01	TP-46	SOIL	Magnesium	178		11.7	97.1	mg/Kg
Q2176-01	TP-46	SOIL	Manganese	18.2		0.14	0.97	mg/Kg
Q2176-01	TP-46	SOIL	Mercury	0.0090	J	0.0080	0.014	mg/Kg
Q2176-01	TP-46	SOIL	Nickel	3.40		0.13	1.94	mg/Kg
Q2176-01	TP-46	SOIL	Potassium	183		26.9	97.1	mg/Kg
Q2176-01	TP-46	SOIL	Sodium	143		17.3	97.1	mg/Kg
Q2176-01	TP-46	SOIL	Thallium	2.00		0.22	1.94	mg/Kg
Q2176-01	TP-46	SOIL	Vanadium	12.8		0.24	1.94	mg/Kg
Q2176-01	TP-46	SOIL	Zinc	63.0		0.22	1.94	mg/Kg
Client ID : TP-56								
Q2176-02	TP-56	SOIL	Aluminum	3310		0.87	5.16	mg/Kg
Q2176-02	TP-56	SOIL	Arsenic	7.72		0.20	1.03	mg/Kg
Q2176-02	TP-56	SOIL	Barium	14.2		0.75	5.16	mg/Kg
Q2176-02	TP-56	SOIL	Beryllium	0.62		0.026	0.31	mg/Kg
Q2176-02	TP-56	SOIL	Cadmium	0.89		0.025	0.31	mg/Kg
Q2176-02	TP-56	SOIL	Calcium	8050		11.4	103	mg/Kg
Q2176-02	TP-56	SOIL	Chromium	8.12		0.048	0.52	mg/Kg
Q2176-02	TP-56	SOIL	Cobalt	1.63		0.10	1.55	mg/Kg
Q2176-02	TP-56	SOIL	Copper	4.15		0.23	1.03	mg/Kg
Q2176-02	TP-56	SOIL	Iron	25000		4.11	5.16	mg/Kg
Q2176-02	TP-56	SOIL	Lead	7.64		0.13	0.62	mg/Kg
Q2176-02	TP-56	SOIL	Magnesium	1570		12.4	103	mg/Kg
Q2176-02	TP-56	SOIL	Manganese	22.4		0.14	1.03	mg/Kg
Q2176-02	TP-56	SOIL	Mercury	0.028		0.0090	0.016	mg/Kg
Q2176-02	TP-56	SOIL	Nickel	2.90		0.13	2.06	mg/Kg
Q2176-02	TP-56	SOIL	Potassium	357		28.6	103	mg/Kg

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Hit Summary Sheet
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SDG No.: Q2176 **Order ID:** Q2176

Client: CDM Smith **Project ID:** South River WM Replacement

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q2176-02	TP-56	SOIL	Sodium	108		18.4	103	mg/Kg
Q2176-02	TP-56	SOIL	Thallium	0.64	J	0.24	2.06	mg/Kg
Q2176-02	TP-56	SOIL	Vanadium	18.7		0.26	2.06	mg/Kg
Q2176-02	TP-56	SOIL	Zinc	25.6		0.24	2.06	mg/Kg
Client ID : TP-25								
Q2176-03	TP-25	SOIL	Aluminum	6420		0.93	5.56	mg/Kg
Q2176-03	TP-25	SOIL	Arsenic	4.23		0.21	1.11	mg/Kg
Q2176-03	TP-25	SOIL	Barium	21.3		0.81	5.56	mg/Kg
Q2176-03	TP-25	SOIL	Beryllium	0.56		0.028	0.33	mg/Kg
Q2176-03	TP-25	SOIL	Cadmium	0.70		0.027	0.33	mg/Kg
Q2176-03	TP-25	SOIL	Calcium	486		12.3	111	mg/Kg
Q2176-03	TP-25	SOIL	Chromium	9.44		0.052	0.56	mg/Kg
Q2176-03	TP-25	SOIL	Cobalt	3.06		0.11	1.67	mg/Kg
Q2176-03	TP-25	SOIL	Copper	7.78		0.24	1.11	mg/Kg
Q2176-03	TP-25	SOIL	Iron	13300		4.43	5.56	mg/Kg
Q2176-03	TP-25	SOIL	Lead	14.3		0.14	0.67	mg/Kg
Q2176-03	TP-25	SOIL	Magnesium	730		13.3	111	mg/Kg
Q2176-03	TP-25	SOIL	Manganese	35.4		0.16	1.11	mg/Kg
Q2176-03	TP-25	SOIL	Mercury	0.028		0.0080	0.015	mg/Kg
Q2176-03	TP-25	SOIL	Nickel	5.98		0.14	2.22	mg/Kg
Q2176-03	TP-25	SOIL	Potassium	242		30.8	111	mg/Kg
Q2176-03	TP-25	SOIL	Sodium	119		19.8	111	mg/Kg
Q2176-03	TP-25	SOIL	Vanadium	20.1		0.28	2.22	mg/Kg
Q2176-03	TP-25	SOIL	Zinc	23.9		0.26	2.22	mg/Kg
Client ID : TP-26								
Q2176-04	TP-26	SOIL	Aluminum	5980		0.80	4.73	mg/Kg
Q2176-04	TP-26	SOIL	Antimony	0.23	J	0.21	2.37	mg/Kg
Q2176-04	TP-26	SOIL	Arsenic	3.50		0.18	0.95	mg/Kg
Q2176-04	TP-26	SOIL	Barium	44.3		0.69	4.73	mg/Kg
Q2176-04	TP-26	SOIL	Beryllium	0.40		0.024	0.28	mg/Kg
Q2176-04	TP-26	SOIL	Cadmium	0.86		0.023	0.28	mg/Kg
Q2176-04	TP-26	SOIL	Calcium	29300		10.5	94.7	mg/Kg
Q2176-04	TP-26	SOIL	Chromium	12.8		0.044	0.47	mg/Kg
Q2176-04	TP-26	SOIL	Cobalt	6.69		0.095	1.42	mg/Kg
Q2176-04	TP-26	SOIL	Copper	29.9		0.21	0.95	mg/Kg
Q2176-04	TP-26	SOIL	Iron	10800		3.78	4.73	mg/Kg
Q2176-04	TP-26	SOIL	Lead	54.0		0.12	0.57	mg/Kg
Q2176-04	TP-26	SOIL	Magnesium	5500		11.4	94.7	mg/Kg
Q2176-04	TP-26	SOIL	Manganese	174		0.13	0.95	mg/Kg

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Hit Summary Sheet
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SDG No.: Q2176 **Order ID:** Q2176

Client: CDM Smith **Project ID:** South River WM Replacement

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q2176-04	TP-26	SOIL	Mercury	0.063		0.0080	0.015	mg/Kg
Q2176-04	TP-26	SOIL	Nickel	15.5		0.12	1.89	mg/Kg
Q2176-04	TP-26	SOIL	Potassium	754		26.2	94.7	mg/Kg
Q2176-04	TP-26	SOIL	Sodium	352		16.8	94.7	mg/Kg
Q2176-04	TP-26	SOIL	Vanadium	24.6		0.24	1.89	mg/Kg
Q2176-04	TP-26	SOIL	Zinc	56.2		0.22	1.89	mg/Kg
Client ID : TP-28								
Q2176-05	TP-28	SOIL	Aluminum	5650		0.84	4.98	mg/Kg
Q2176-05	TP-28	SOIL	Arsenic	2.02		0.19	1.00	mg/Kg
Q2176-05	TP-28	SOIL	Barium	21.5		0.73	4.98	mg/Kg
Q2176-05	TP-28	SOIL	Beryllium	0.50		0.025	0.30	mg/Kg
Q2176-05	TP-28	SOIL	Cadmium	0.56		0.024	0.30	mg/Kg
Q2176-05	TP-28	SOIL	Calcium	203		11.0	99.5	mg/Kg
Q2176-05	TP-28	SOIL	Chromium	4.18		0.047	0.50	mg/Kg
Q2176-05	TP-28	SOIL	Cobalt	3.56		0.10	1.49	mg/Kg
Q2176-05	TP-28	SOIL	Copper	3.06		0.22	1.00	mg/Kg
Q2176-05	TP-28	SOIL	Iron	13400		3.97	4.98	mg/Kg
Q2176-05	TP-28	SOIL	Lead	9.53		0.13	0.60	mg/Kg
Q2176-05	TP-28	SOIL	Magnesium	228		11.9	99.5	mg/Kg
Q2176-05	TP-28	SOIL	Manganese	82.9		0.14	1.00	mg/Kg
Q2176-05	TP-28	SOIL	Mercury	0.016		0.0080	0.014	mg/Kg
Q2176-05	TP-28	SOIL	Nickel	3.55		0.13	1.99	mg/Kg
Q2176-05	TP-28	SOIL	Potassium	115		27.6	99.5	mg/Kg
Q2176-05	TP-28	SOIL	Sodium	139		17.7	99.5	mg/Kg
Q2176-05	TP-28	SOIL	Vanadium	12.3		0.25	1.99	mg/Kg
Q2176-05	TP-28	SOIL	Zinc	10.6		0.23	1.99	mg/Kg
Client ID : TP-27								
Q2176-06	TP-27	SOIL	Aluminum	10300		0.95	5.68	mg/Kg
Q2176-06	TP-27	SOIL	Arsenic	1.86		0.22	1.14	mg/Kg
Q2176-06	TP-27	SOIL	Barium	10.2		0.83	5.68	mg/Kg
Q2176-06	TP-27	SOIL	Beryllium	0.62		0.028	0.34	mg/Kg
Q2176-06	TP-27	SOIL	Cadmium	0.43		0.027	0.34	mg/Kg
Q2176-06	TP-27	SOIL	Calcium	197		12.6	114	mg/Kg
Q2176-06	TP-27	SOIL	Chromium	6.49		0.053	0.57	mg/Kg
Q2176-06	TP-27	SOIL	Cobalt	4.96		0.11	1.70	mg/Kg
Q2176-06	TP-27	SOIL	Copper	4.19		0.25	1.14	mg/Kg
Q2176-06	TP-27	SOIL	Iron	10000		4.53	5.68	mg/Kg
Q2176-06	TP-27	SOIL	Lead	3.94		0.15	0.68	mg/Kg
Q2176-06	TP-27	SOIL	Magnesium	389		13.6	114	mg/Kg

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Hit Summary Sheet
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SDG No.: Q2176 **Order ID:** Q2176

Client: CDM Smith **Project ID:** South River WM Replacement

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q2176-06	TP-27	SOIL	Manganese	96.0		0.16	1.14	mg/Kg
Q2176-06	TP-27	SOIL	Nickel	5.97		0.15	2.27	mg/Kg
Q2176-06	TP-27	SOIL	Potassium	131		31.4	114	mg/Kg
Q2176-06	TP-27	SOIL	Sodium	123		20.2	114	mg/Kg
Q2176-06	TP-27	SOIL	Vanadium	13.2		0.28	2.27	mg/Kg
Q2176-06	TP-27	SOIL	Zinc	13.9		0.26	2.27	mg/Kg
Client ID : TP-31								
Q2176-07	TP-31	SOIL	Aluminum	6650		0.90	5.36	mg/Kg
Q2176-07	TP-31	SOIL	Arsenic	3.05		0.20	1.07	mg/Kg
Q2176-07	TP-31	SOIL	Barium	24.1		0.78	5.36	mg/Kg
Q2176-07	TP-31	SOIL	Beryllium	0.49		0.027	0.32	mg/Kg
Q2176-07	TP-31	SOIL	Cadmium	0.53		0.026	0.32	mg/Kg
Q2176-07	TP-31	SOIL	Calcium	354		11.9	107	mg/Kg
Q2176-07	TP-31	SOIL	Chromium	7.28		0.050	0.54	mg/Kg
Q2176-07	TP-31	SOIL	Cobalt	3.08		0.11	1.61	mg/Kg
Q2176-07	TP-31	SOIL	Copper	3.38		0.24	1.07	mg/Kg
Q2176-07	TP-31	SOIL	Iron	10800		4.28	5.36	mg/Kg
Q2176-07	TP-31	SOIL	Lead	6.08		0.14	0.64	mg/Kg
Q2176-07	TP-31	SOIL	Magnesium	510		12.9	107	mg/Kg
Q2176-07	TP-31	SOIL	Manganese	54.0		0.15	1.07	mg/Kg
Q2176-07	TP-31	SOIL	Mercury	0.015	J	0.0090	0.016	mg/Kg
Q2176-07	TP-31	SOIL	Nickel	4.81		0.14	2.14	mg/Kg
Q2176-07	TP-31	SOIL	Potassium	201		29.7	107	mg/Kg
Q2176-07	TP-31	SOIL	Sodium	606		19.1	107	mg/Kg
Q2176-07	TP-31	SOIL	Vanadium	16.4		0.27	2.14	mg/Kg
Q2176-07	TP-31	SOIL	Zinc	12.5		0.25	2.14	mg/Kg
Client ID : TP-65								
Q2176-08	TP-65	SOIL	Aluminum	3850		0.86	5.09	mg/Kg
Q2176-08	TP-65	SOIL	Arsenic	2.11		0.19	1.02	mg/Kg
Q2176-08	TP-65	SOIL	Barium	21.5		0.74	5.09	mg/Kg
Q2176-08	TP-65	SOIL	Beryllium	0.49		0.025	0.31	mg/Kg
Q2176-08	TP-65	SOIL	Cadmium	0.22	J	0.024	0.31	mg/Kg
Q2176-08	TP-65	SOIL	Calcium	3400		11.3	102	mg/Kg
Q2176-08	TP-65	SOIL	Chromium	9.40		0.048	0.51	mg/Kg
Q2176-08	TP-65	SOIL	Cobalt	2.07		0.10	1.53	mg/Kg
Q2176-08	TP-65	SOIL	Copper	4.74		0.22	1.02	mg/Kg
Q2176-08	TP-65	SOIL	Iron	6200		4.06	5.09	mg/Kg
Q2176-08	TP-65	SOIL	Lead	18.8		0.13	0.61	mg/Kg
Q2176-08	TP-65	SOIL	Magnesium	1510		12.2	102	mg/Kg

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Hit Summary Sheet
SW-846

SDG No.: Q2176 **Order ID:** Q2176

Client: CDM Smith **Project ID:** South River WM Replacement

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q2176-08	TP-65	SOIL	Manganese	31.0		0.14	1.02	mg/Kg
Q2176-08	TP-65	SOIL	Mercury	0.011	J	0.0080	0.014	mg/Kg
Q2176-08	TP-65	SOIL	Nickel	3.30		0.13	2.04	mg/Kg
Q2176-08	TP-65	SOIL	Potassium	218		28.2	102	mg/Kg
Q2176-08	TP-65	SOIL	Sodium	209		18.1	102	mg/Kg
Q2176-08	TP-65	SOIL	Vanadium	16.1		0.26	2.04	mg/Kg
Q2176-08	TP-65	SOIL	Zinc	12.6		0.23	2.04	mg/Kg



SAMPLE DATA

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	CDM Smith	Date Collected:	05/28/25
Project:	South River WM Replacement	Date Received:	05/30/25
Client Sample ID:	TP-46	SDG No.:	Q2176
Lab Sample ID:	Q2176-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	83.7

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	1980	*	1	0.82	4.86	mg/Kg	06/02/25 13:05	06/10/25 20:43	6010D	SW3050
7440-36-0	Antimony	0.21	UN	1	0.21	2.43	mg/Kg	06/02/25 13:05	06/10/25 20:43	6010D	SW3050
7440-38-2	Arsenic	4.40		1	0.19	0.97	mg/Kg	06/02/25 13:05	06/10/25 20:43	6010D	SW3050
7440-39-3	Barium	9.70	N*	1	0.71	4.86	mg/Kg	06/02/25 13:05	06/10/25 20:43	6010D	SW3050
7440-41-7	Beryllium	0.84		1	0.024	0.29	mg/Kg	06/02/25 13:05	06/10/25 20:43	6010D	SW3050
7440-43-9	Cadmium	1.73		1	0.023	0.29	mg/Kg	06/02/25 13:05	06/10/25 20:43	6010D	SW3050
7440-70-2	Calcium	639	*	1	10.8	97.1	mg/Kg	06/02/25 13:05	06/10/25 20:43	6010D	SW3050
7440-47-3	Chromium	0.63		1	0.046	0.49	mg/Kg	06/02/25 13:05	06/10/25 20:43	6010D	SW3050
7440-48-4	Cobalt	2.85		1	0.097	1.46	mg/Kg	06/02/25 13:05	06/10/25 20:43	6010D	SW3050
7440-50-8	Copper	10.9		1	0.21	0.97	mg/Kg	06/02/25 13:05	06/10/25 20:43	6010D	SW3050
7439-89-6	Iron	51100	*	1	3.88	4.86	mg/Kg	06/02/25 13:05	06/10/25 20:43	6010D	SW3050
7439-92-1	Lead	7.82		1	0.13	0.58	mg/Kg	06/02/25 13:05	06/10/25 20:43	6010D	SW3050
7439-95-4	Magnesium	178	*	1	11.7	97.1	mg/Kg	06/02/25 13:05	06/10/25 20:43	6010D	SW3050
7439-96-5	Manganese	18.2		1	0.14	0.97	mg/Kg	06/02/25 13:05	06/10/25 20:43	6010D	SW3050
7439-97-6	Mercury	0.0090	J	1	0.0080	0.014	mg/Kg	06/02/25 08:35	06/03/25 14:00	7471B	
7440-02-0	Nickel	3.40		1	0.13	1.94	mg/Kg	06/02/25 13:05	06/10/25 20:43	6010D	SW3050
7440-09-7	Potassium	183	*	1	26.9	97.1	mg/Kg	06/02/25 13:05	06/10/25 20:43	6010D	SW3050
7782-49-2	Selenium	0.25	U	1	0.25	0.97	mg/Kg	06/02/25 13:05	06/10/25 20:43	6010D	SW3050
7440-22-4	Silver	0.12	U	1	0.12	0.49	mg/Kg	06/02/25 13:05	06/10/25 20:43	6010D	SW3050
7440-23-5	Sodium	143	N*	1	17.3	97.1	mg/Kg	06/02/25 13:05	06/10/25 20:43	6010D	SW3050
7440-28-0	Thallium	2.00		1	0.22	1.94	mg/Kg	06/02/25 13:05	06/10/25 20:43	6010D	SW3050
7440-62-2	Vanadium	12.8		1	0.24	1.94	mg/Kg	06/02/25 13:05	06/10/25 20:43	6010D	SW3050
7440-66-6	Zinc	63.0	N	1	0.22	1.94	mg/Kg	06/02/25 13:05	06/10/25 20:43	6010D	SW3050

Color Before:	Brown	Clarity Before:		Texture:	Medium
Color After:	Yellow	Clarity After:		Artifacts:	
Comments:	METALS-TAL				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	CDM Smith	Date Collected:	05/29/25
Project:	South River WM Replacement	Date Received:	05/30/25
Client Sample ID:	TP-56	SDG No.:	Q2176
Lab Sample ID:	Q2176-02	Matrix:	SOIL
Level (low/med):	low	% Solid:	86.2

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	3310	*	1	0.87	5.16	mg/Kg	06/02/25 13:05	06/10/25 20:47	6010D	SW3050
7440-36-0	Antimony	0.23	UN	1	0.23	2.58	mg/Kg	06/02/25 13:05	06/10/25 20:47	6010D	SW3050
7440-38-2	Arsenic	7.72		1	0.20	1.03	mg/Kg	06/02/25 13:05	06/10/25 20:47	6010D	SW3050
7440-39-3	Barium	14.2	N*	1	0.75	5.16	mg/Kg	06/02/25 13:05	06/10/25 20:47	6010D	SW3050
7440-41-7	Beryllium	0.62		1	0.026	0.31	mg/Kg	06/02/25 13:05	06/10/25 20:47	6010D	SW3050
7440-43-9	Cadmium	0.89		1	0.025	0.31	mg/Kg	06/02/25 13:05	06/10/25 20:47	6010D	SW3050
7440-70-2	Calcium	8050	*	1	11.4	103	mg/Kg	06/02/25 13:05	06/10/25 20:47	6010D	SW3050
7440-47-3	Chromium	8.12		1	0.048	0.52	mg/Kg	06/02/25 13:05	06/10/25 20:47	6010D	SW3050
7440-48-4	Cobalt	1.63		1	0.10	1.55	mg/Kg	06/02/25 13:05	06/10/25 20:47	6010D	SW3050
7440-50-8	Copper	4.15		1	0.23	1.03	mg/Kg	06/02/25 13:05	06/10/25 20:47	6010D	SW3050
7439-89-6	Iron	25000	*	1	4.11	5.16	mg/Kg	06/02/25 13:05	06/10/25 20:47	6010D	SW3050
7439-92-1	Lead	7.64		1	0.13	0.62	mg/Kg	06/02/25 13:05	06/10/25 20:47	6010D	SW3050
7439-95-4	Magnesium	1570	*	1	12.4	103	mg/Kg	06/02/25 13:05	06/10/25 20:47	6010D	SW3050
7439-96-5	Manganese	22.4		1	0.14	1.03	mg/Kg	06/02/25 13:05	06/10/25 20:47	6010D	SW3050
7439-97-6	Mercury	0.028		1	0.0090	0.016	mg/Kg	06/02/25 08:35	06/03/25 14:02	7471B	
7440-02-0	Nickel	2.90		1	0.13	2.06	mg/Kg	06/02/25 13:05	06/10/25 20:47	6010D	SW3050
7440-09-7	Potassium	357	*	1	28.6	103	mg/Kg	06/02/25 13:05	06/10/25 20:47	6010D	SW3050
7782-49-2	Selenium	0.27	U	1	0.27	1.03	mg/Kg	06/02/25 13:05	06/10/25 20:47	6010D	SW3050
7440-22-4	Silver	0.12	U	1	0.12	0.52	mg/Kg	06/02/25 13:05	06/10/25 20:47	6010D	SW3050
7440-23-5	Sodium	108	N*	1	18.4	103	mg/Kg	06/02/25 13:05	06/10/25 20:47	6010D	SW3050
7440-28-0	Thallium	0.64	J	1	0.24	2.06	mg/Kg	06/02/25 13:05	06/10/25 20:47	6010D	SW3050
7440-62-2	Vanadium	18.7		1	0.26	2.06	mg/Kg	06/02/25 13:05	06/10/25 20:47	6010D	SW3050
7440-66-6	Zinc	25.6	N	1	0.24	2.06	mg/Kg	06/02/25 13:05	06/10/25 20:47	6010D	SW3050

Color Before:	Brown	Clarity Before:		Texture:	Medium
Color After:	Yellow	Clarity After:		Artifacts:	
Comments:	METALS-TAL				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
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Report of Analysis

Client:	CDM Smith	Date Collected:	05/29/25
Project:	South River WM Replacement	Date Received:	05/30/25
Client Sample ID:	TP-25	SDG No.:	Q2176
Lab Sample ID:	Q2176-03	Matrix:	SOIL
Level (low/med):	low	% Solid:	85.7

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	6420	*	1	0.93	5.56	mg/Kg	06/02/25 13:05	06/10/25 20:51	6010D	SW3050
7440-36-0	Antimony	0.24	UN	1	0.24	2.78	mg/Kg	06/02/25 13:05	06/10/25 20:51	6010D	SW3050
7440-38-2	Arsenic	4.23		1	0.21	1.11	mg/Kg	06/02/25 13:05	06/10/25 20:51	6010D	SW3050
7440-39-3	Barium	21.3	N*	1	0.81	5.56	mg/Kg	06/02/25 13:05	06/10/25 20:51	6010D	SW3050
7440-41-7	Beryllium	0.56		1	0.028	0.33	mg/Kg	06/02/25 13:05	06/10/25 20:51	6010D	SW3050
7440-43-9	Cadmium	0.70		1	0.027	0.33	mg/Kg	06/02/25 13:05	06/10/25 20:51	6010D	SW3050
7440-70-2	Calcium	486	*	1	12.3	111	mg/Kg	06/02/25 13:05	06/10/25 20:51	6010D	SW3050
7440-47-3	Chromium	9.44		1	0.052	0.56	mg/Kg	06/02/25 13:05	06/10/25 20:51	6010D	SW3050
7440-48-4	Cobalt	3.06		1	0.11	1.67	mg/Kg	06/02/25 13:05	06/10/25 20:51	6010D	SW3050
7440-50-8	Copper	7.78		1	0.24	1.11	mg/Kg	06/02/25 13:05	06/10/25 20:51	6010D	SW3050
7439-89-6	Iron	13300	*	1	4.43	5.56	mg/Kg	06/02/25 13:05	06/10/25 20:51	6010D	SW3050
7439-92-1	Lead	14.3		1	0.14	0.67	mg/Kg	06/02/25 13:05	06/10/25 20:51	6010D	SW3050
7439-95-4	Magnesium	730	*	1	13.3	111	mg/Kg	06/02/25 13:05	06/10/25 20:51	6010D	SW3050
7439-96-5	Manganese	35.4		1	0.16	1.11	mg/Kg	06/02/25 13:05	06/10/25 20:51	6010D	SW3050
7439-97-6	Mercury	0.028		1	0.0080	0.015	mg/Kg	06/02/25 08:35	06/03/25 14:04	7471B	
7440-02-0	Nickel	5.98		1	0.14	2.22	mg/Kg	06/02/25 13:05	06/10/25 20:51	6010D	SW3050
7440-09-7	Potassium	242	*	1	30.8	111	mg/Kg	06/02/25 13:05	06/10/25 20:51	6010D	SW3050
7782-49-2	Selenium	0.29	U	1	0.29	1.11	mg/Kg	06/02/25 13:05	06/10/25 20:51	6010D	SW3050
7440-22-4	Silver	0.13	U	1	0.13	0.56	mg/Kg	06/02/25 13:05	06/10/25 20:51	6010D	SW3050
7440-23-5	Sodium	119	N*	1	19.8	111	mg/Kg	06/02/25 13:05	06/10/25 20:51	6010D	SW3050
7440-28-0	Thallium	0.26	U	1	0.26	2.22	mg/Kg	06/02/25 13:05	06/10/25 20:51	6010D	SW3050
7440-62-2	Vanadium	20.1		1	0.28	2.22	mg/Kg	06/02/25 13:05	06/10/25 20:51	6010D	SW3050
7440-66-6	Zinc	23.9	N	1	0.26	2.22	mg/Kg	06/02/25 13:05	06/10/25 20:51	6010D	SW3050

Color Before:	Brown	Clarity Before:		Texture:	Medium
Color After:	Yellow	Clarity After:		Artifacts:	
Comments:	METALS-TAL				

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LOQ = Limit of Quantitation
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Alliance TECHNICAL GROUP
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Report of Analysis

Client:	CDM Smith	Date Collected:	05/29/25
Project:	South River WM Replacement	Date Received:	05/30/25
Client Sample ID:	TP-26	SDG No.:	Q2176
Lab Sample ID:	Q2176-04	Matrix:	SOIL
Level (low/med):	low	% Solid:	85.2

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	5980	*	1	0.80	4.73	mg/Kg	06/02/25 13:05	06/10/25 20:55	6010D	SW3050
7440-36-0	Antimony	0.23	JN	1	0.21	2.37	mg/Kg	06/02/25 13:05	06/10/25 20:55	6010D	SW3050
7440-38-2	Arsenic	3.50		1	0.18	0.95	mg/Kg	06/02/25 13:05	06/10/25 20:55	6010D	SW3050
7440-39-3	Barium	44.3	N*	1	0.69	4.73	mg/Kg	06/02/25 13:05	06/10/25 20:55	6010D	SW3050
7440-41-7	Beryllium	0.40		1	0.024	0.28	mg/Kg	06/02/25 13:05	06/10/25 20:55	6010D	SW3050
7440-43-9	Cadmium	0.86		1	0.023	0.28	mg/Kg	06/02/25 13:05	06/10/25 20:55	6010D	SW3050
7440-70-2	Calcium	29300	*	1	10.5	94.7	mg/Kg	06/02/25 13:05	06/10/25 20:55	6010D	SW3050
7440-47-3	Chromium	12.8		1	0.044	0.47	mg/Kg	06/02/25 13:05	06/10/25 20:55	6010D	SW3050
7440-48-4	Cobalt	6.69		1	0.095	1.42	mg/Kg	06/02/25 13:05	06/10/25 20:55	6010D	SW3050
7440-50-8	Copper	29.9		1	0.21	0.95	mg/Kg	06/02/25 13:05	06/10/25 20:55	6010D	SW3050
7439-89-6	Iron	10800	*	1	3.78	4.73	mg/Kg	06/02/25 13:05	06/10/25 20:55	6010D	SW3050
7439-92-1	Lead	54.0		1	0.12	0.57	mg/Kg	06/02/25 13:05	06/10/25 20:55	6010D	SW3050
7439-95-4	Magnesium	5500	*	1	11.4	94.7	mg/Kg	06/02/25 13:05	06/10/25 20:55	6010D	SW3050
7439-96-5	Manganese	174		1	0.13	0.95	mg/Kg	06/02/25 13:05	06/10/25 20:55	6010D	SW3050
7439-97-6	Mercury	0.063		1	0.0080	0.015	mg/Kg	06/02/25 08:35	06/03/25 14:07	7471B	
7440-02-0	Nickel	15.5		1	0.12	1.89	mg/Kg	06/02/25 13:05	06/10/25 20:55	6010D	SW3050
7440-09-7	Potassium	754	*	1	26.2	94.7	mg/Kg	06/02/25 13:05	06/10/25 20:55	6010D	SW3050
7782-49-2	Selenium	0.25	U	1	0.25	0.95	mg/Kg	06/02/25 13:05	06/10/25 20:55	6010D	SW3050
7440-22-4	Silver	0.11	U	1	0.11	0.47	mg/Kg	06/02/25 13:05	06/10/25 20:55	6010D	SW3050
7440-23-5	Sodium	352	N*	1	16.8	94.7	mg/Kg	06/02/25 13:05	06/10/25 20:55	6010D	SW3050
7440-28-0	Thallium	0.22	U	1	0.22	1.89	mg/Kg	06/02/25 13:05	06/10/25 20:55	6010D	SW3050
7440-62-2	Vanadium	24.6		1	0.24	1.89	mg/Kg	06/02/25 13:05	06/10/25 20:55	6010D	SW3050
7440-66-6	Zinc	56.2	N	1	0.22	1.89	mg/Kg	06/02/25 13:05	06/10/25 20:55	6010D	SW3050

Color Before:	Brown	Clarity Before:		Texture:	Medium
Color After:	Yellow	Clarity After:		Artifacts:	
Comments:	METALS-TAL				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
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J = Estimated Value
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Alliance TECHNICAL GROUP
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Report of Analysis

Client:	CDM Smith	Date Collected:	05/29/25
Project:	South River WM Replacement	Date Received:	05/30/25
Client Sample ID:	TP-28	SDG No.:	Q2176
Lab Sample ID:	Q2176-05	Matrix:	SOIL
Level (low/med):	low	% Solid:	90.5

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	5650	*	1	0.84	4.98	mg/Kg	06/02/25 13:05	06/10/25 21:00	6010D	SW3050
7440-36-0	Antimony	0.22	UN	1	0.22	2.49	mg/Kg	06/02/25 13:05	06/10/25 21:00	6010D	SW3050
7440-38-2	Arsenic	2.02		1	0.19	1.00	mg/Kg	06/02/25 13:05	06/10/25 21:00	6010D	SW3050
7440-39-3	Barium	21.5	N*	1	0.73	4.98	mg/Kg	06/02/25 13:05	06/10/25 21:00	6010D	SW3050
7440-41-7	Beryllium	0.50		1	0.025	0.30	mg/Kg	06/02/25 13:05	06/10/25 21:00	6010D	SW3050
7440-43-9	Cadmium	0.56		1	0.024	0.30	mg/Kg	06/02/25 13:05	06/10/25 21:00	6010D	SW3050
7440-70-2	Calcium	203	*	1	11.0	99.5	mg/Kg	06/02/25 13:05	06/10/25 21:00	6010D	SW3050
7440-47-3	Chromium	4.18		1	0.047	0.50	mg/Kg	06/02/25 13:05	06/10/25 21:00	6010D	SW3050
7440-48-4	Cobalt	3.56		1	0.10	1.49	mg/Kg	06/02/25 13:05	06/10/25 21:00	6010D	SW3050
7440-50-8	Copper	3.06		1	0.22	1.00	mg/Kg	06/02/25 13:05	06/10/25 21:00	6010D	SW3050
7439-89-6	Iron	13400	*	1	3.97	4.98	mg/Kg	06/02/25 13:05	06/10/25 21:00	6010D	SW3050
7439-92-1	Lead	9.53		1	0.13	0.60	mg/Kg	06/02/25 13:05	06/10/25 21:00	6010D	SW3050
7439-95-4	Magnesium	228	*	1	11.9	99.5	mg/Kg	06/02/25 13:05	06/10/25 21:00	6010D	SW3050
7439-96-5	Manganese	82.9		1	0.14	1.00	mg/Kg	06/02/25 13:05	06/10/25 21:00	6010D	SW3050
7439-97-6	Mercury	0.016		1	0.0080	0.014	mg/Kg	06/02/25 08:35	06/03/25 14:09	7471B	
7440-02-0	Nickel	3.55		1	0.13	1.99	mg/Kg	06/02/25 13:05	06/10/25 21:00	6010D	SW3050
7440-09-7	Potassium	115	*	1	27.6	99.5	mg/Kg	06/02/25 13:05	06/10/25 21:00	6010D	SW3050
7782-49-2	Selenium	0.26	U	1	0.26	1.00	mg/Kg	06/02/25 13:05	06/10/25 21:00	6010D	SW3050
7440-22-4	Silver	0.12	U	1	0.12	0.50	mg/Kg	06/02/25 13:05	06/10/25 21:00	6010D	SW3050
7440-23-5	Sodium	139	N*	1	17.7	99.5	mg/Kg	06/02/25 13:05	06/10/25 21:00	6010D	SW3050
7440-28-0	Thallium	0.23	U	1	0.23	1.99	mg/Kg	06/02/25 13:05	06/10/25 21:00	6010D	SW3050
7440-62-2	Vanadium	12.3		1	0.25	1.99	mg/Kg	06/02/25 13:05	06/10/25 21:00	6010D	SW3050
7440-66-6	Zinc	10.6	N	1	0.23	1.99	mg/Kg	06/02/25 13:05	06/10/25 21:00	6010D	SW3050

Color Before:	Brown	Clarity Before:		Texture:	Medium
Color After:	Yellow	Clarity After:		Artifacts:	
Comments:	METALS-TAL				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	CDM Smith	Date Collected:	05/29/25
Project:	South River WM Replacement	Date Received:	05/30/25
Client Sample ID:	TP-27	SDG No.:	Q2176
Lab Sample ID:	Q2176-06	Matrix:	SOIL
Level (low/med):	low	% Solid:	83.1

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	10300	*	1	0.95	5.68	mg/Kg	06/02/25 13:05	06/10/25 21:12	6010D	SW3050
7440-36-0	Antimony	0.25	UN	1	0.25	2.84	mg/Kg	06/02/25 13:05	06/10/25 21:12	6010D	SW3050
7440-38-2	Arsenic	1.86		1	0.22	1.14	mg/Kg	06/02/25 13:05	06/10/25 21:12	6010D	SW3050
7440-39-3	Barium	10.2	N*	1	0.83	5.68	mg/Kg	06/02/25 13:05	06/10/25 21:12	6010D	SW3050
7440-41-7	Beryllium	0.62		1	0.028	0.34	mg/Kg	06/02/25 13:05	06/10/25 21:12	6010D	SW3050
7440-43-9	Cadmium	0.43		1	0.027	0.34	mg/Kg	06/02/25 13:05	06/10/25 21:12	6010D	SW3050
7440-70-2	Calcium	197	*	1	12.6	114	mg/Kg	06/02/25 13:05	06/10/25 21:12	6010D	SW3050
7440-47-3	Chromium	6.49		1	0.053	0.57	mg/Kg	06/02/25 13:05	06/10/25 21:12	6010D	SW3050
7440-48-4	Cobalt	4.96		1	0.11	1.70	mg/Kg	06/02/25 13:05	06/10/25 21:12	6010D	SW3050
7440-50-8	Copper	4.19		1	0.25	1.14	mg/Kg	06/02/25 13:05	06/10/25 21:12	6010D	SW3050
7439-89-6	Iron	10000	*	1	4.53	5.68	mg/Kg	06/02/25 13:05	06/10/25 21:12	6010D	SW3050
7439-92-1	Lead	3.94		1	0.15	0.68	mg/Kg	06/02/25 13:05	06/10/25 21:12	6010D	SW3050
7439-95-4	Magnesium	389	*	1	13.6	114	mg/Kg	06/02/25 13:05	06/10/25 21:12	6010D	SW3050
7439-96-5	Manganese	96.0		1	0.16	1.14	mg/Kg	06/02/25 13:05	06/10/25 21:12	6010D	SW3050
7439-97-6	Mercury	0.0090	U	1	0.0090	0.016	mg/Kg	06/02/25 08:35	06/03/25 14:11	7471B	
7440-02-0	Nickel	5.97		1	0.15	2.27	mg/Kg	06/02/25 13:05	06/10/25 21:12	6010D	SW3050
7440-09-7	Potassium	131	*	1	31.4	114	mg/Kg	06/02/25 13:05	06/10/25 21:12	6010D	SW3050
7782-49-2	Selenium	0.30	U	1	0.30	1.14	mg/Kg	06/02/25 13:05	06/10/25 21:12	6010D	SW3050
7440-22-4	Silver	0.14	U	1	0.14	0.57	mg/Kg	06/02/25 13:05	06/10/25 21:12	6010D	SW3050
7440-23-5	Sodium	123	N*	1	20.2	114	mg/Kg	06/02/25 13:05	06/10/25 21:12	6010D	SW3050
7440-28-0	Thallium	0.26	U	1	0.26	2.27	mg/Kg	06/02/25 13:05	06/10/25 21:12	6010D	SW3050
7440-62-2	Vanadium	13.2		1	0.28	2.27	mg/Kg	06/02/25 13:05	06/10/25 21:12	6010D	SW3050
7440-66-6	Zinc	13.9	N	1	0.26	2.27	mg/Kg	06/02/25 13:05	06/10/25 21:12	6010D	SW3050

Color Before:	Brown	Clarity Before:		Texture:	Medium
Color After:	Yellow	Clarity After:		Artifacts:	
Comments:	METALS-TAL				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

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Report of Analysis

Client:	CDM Smith	Date Collected:	05/29/25
Project:	South River WM Replacement	Date Received:	05/30/25
Client Sample ID:	TP-31	SDG No.:	Q2176
Lab Sample ID:	Q2176-07	Matrix:	SOIL
Level (low/med):	low	% Solid:	86.8

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	6650	*	1	0.90	5.36	mg/Kg	06/02/25 13:05	06/10/25 21:16	6010D	SW3050
7440-36-0	Antimony	0.24	UN	1	0.24	2.68	mg/Kg	06/02/25 13:05	06/10/25 21:16	6010D	SW3050
7440-38-2	Arsenic	3.05		1	0.20	1.07	mg/Kg	06/02/25 13:05	06/10/25 21:16	6010D	SW3050
7440-39-3	Barium	24.1	N*	1	0.78	5.36	mg/Kg	06/02/25 13:05	06/10/25 21:16	6010D	SW3050
7440-41-7	Beryllium	0.49		1	0.027	0.32	mg/Kg	06/02/25 13:05	06/10/25 21:16	6010D	SW3050
7440-43-9	Cadmium	0.53		1	0.026	0.32	mg/Kg	06/02/25 13:05	06/10/25 21:16	6010D	SW3050
7440-70-2	Calcium	354	*	1	11.9	107	mg/Kg	06/02/25 13:05	06/10/25 21:16	6010D	SW3050
7440-47-3	Chromium	7.28		1	0.050	0.54	mg/Kg	06/02/25 13:05	06/10/25 21:16	6010D	SW3050
7440-48-4	Cobalt	3.08		1	0.11	1.61	mg/Kg	06/02/25 13:05	06/10/25 21:16	6010D	SW3050
7440-50-8	Copper	3.38		1	0.24	1.07	mg/Kg	06/02/25 13:05	06/10/25 21:16	6010D	SW3050
7439-89-6	Iron	10800	*	1	4.28	5.36	mg/Kg	06/02/25 13:05	06/10/25 21:16	6010D	SW3050
7439-92-1	Lead	6.08		1	0.14	0.64	mg/Kg	06/02/25 13:05	06/10/25 21:16	6010D	SW3050
7439-95-4	Magnesium	510	*	1	12.9	107	mg/Kg	06/02/25 13:05	06/10/25 21:16	6010D	SW3050
7439-96-5	Manganese	54.0		1	0.15	1.07	mg/Kg	06/02/25 13:05	06/10/25 21:16	6010D	SW3050
7439-97-6	Mercury	0.015	J	1	0.0090	0.016	mg/Kg	06/02/25 08:35	06/03/25 14:13	7471B	
7440-02-0	Nickel	4.81		1	0.14	2.14	mg/Kg	06/02/25 13:05	06/10/25 21:16	6010D	SW3050
7440-09-7	Potassium	201	*	1	29.7	107	mg/Kg	06/02/25 13:05	06/10/25 21:16	6010D	SW3050
7782-49-2	Selenium	0.28	U	1	0.28	1.07	mg/Kg	06/02/25 13:05	06/10/25 21:16	6010D	SW3050
7440-22-4	Silver	0.13	U	1	0.13	0.54	mg/Kg	06/02/25 13:05	06/10/25 21:16	6010D	SW3050
7440-23-5	Sodium	606	N*	1	19.1	107	mg/Kg	06/02/25 13:05	06/10/25 21:16	6010D	SW3050
7440-28-0	Thallium	0.25	U	1	0.25	2.14	mg/Kg	06/02/25 13:05	06/10/25 21:16	6010D	SW3050
7440-62-2	Vanadium	16.4		1	0.27	2.14	mg/Kg	06/02/25 13:05	06/10/25 21:16	6010D	SW3050
7440-66-6	Zinc	12.5	N	1	0.25	2.14	mg/Kg	06/02/25 13:05	06/10/25 21:16	6010D	SW3050

Color Before:	Brown	Clarity Before:		Texture:	Medium
Color After:	Yellow	Clarity After:		Artifacts:	
Comments:	METALS-TAL				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
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Alliance TECHNICAL GROUP
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Report of Analysis

Client:	CDM Smith	Date Collected:	05/30/25
Project:	South River WM Replacement	Date Received:	05/30/25
Client Sample ID:	TP-65	SDG No.:	Q2176
Lab Sample ID:	Q2176-08	Matrix:	SOIL
Level (low/med):	low	% Solid:	87.3

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	3850	*	1	0.86	5.09	mg/Kg	06/02/25 13:05	06/10/25 21:32	6010D	SW3050
7440-36-0	Antimony	0.22	UN	1	0.22	2.55	mg/Kg	06/02/25 13:05	06/10/25 21:32	6010D	SW3050
7440-38-2	Arsenic	2.11		1	0.19	1.02	mg/Kg	06/02/25 13:05	06/10/25 21:32	6010D	SW3050
7440-39-3	Barium	21.5	N*	1	0.74	5.09	mg/Kg	06/02/25 13:05	06/10/25 21:32	6010D	SW3050
7440-41-7	Beryllium	0.49		1	0.025	0.31	mg/Kg	06/02/25 13:05	06/10/25 21:32	6010D	SW3050
7440-43-9	Cadmium	0.22	J	1	0.024	0.31	mg/Kg	06/02/25 13:05	06/10/25 21:32	6010D	SW3050
7440-70-2	Calcium	3400	*	1	11.3	102	mg/Kg	06/02/25 13:05	06/10/25 21:32	6010D	SW3050
7440-47-3	Chromium	9.40		1	0.048	0.51	mg/Kg	06/02/25 13:05	06/10/25 21:32	6010D	SW3050
7440-48-4	Cobalt	2.07		1	0.10	1.53	mg/Kg	06/02/25 13:05	06/10/25 21:32	6010D	SW3050
7440-50-8	Copper	4.74		1	0.22	1.02	mg/Kg	06/02/25 13:05	06/10/25 21:32	6010D	SW3050
7439-89-6	Iron	6200	*	1	4.06	5.09	mg/Kg	06/02/25 13:05	06/10/25 21:32	6010D	SW3050
7439-92-1	Lead	18.8		1	0.13	0.61	mg/Kg	06/02/25 13:05	06/10/25 21:32	6010D	SW3050
7439-95-4	Magnesium	1510	*	1	12.2	102	mg/Kg	06/02/25 13:05	06/10/25 21:32	6010D	SW3050
7439-96-5	Manganese	31.0		1	0.14	1.02	mg/Kg	06/02/25 13:05	06/10/25 21:32	6010D	SW3050
7439-97-6	Mercury	0.011	J	1	0.0080	0.014	mg/Kg	06/02/25 08:35	06/03/25 14:25	7471B	
7440-02-0	Nickel	3.30		1	0.13	2.04	mg/Kg	06/02/25 13:05	06/10/25 21:32	6010D	SW3050
7440-09-7	Potassium	218	*	1	28.2	102	mg/Kg	06/02/25 13:05	06/10/25 21:32	6010D	SW3050
7782-49-2	Selenium	0.27	U	1	0.27	1.02	mg/Kg	06/02/25 13:05	06/10/25 21:32	6010D	SW3050
7440-22-4	Silver	0.12	U	1	0.12	0.51	mg/Kg	06/02/25 13:05	06/10/25 21:32	6010D	SW3050
7440-23-5	Sodium	209	N*	1	18.1	102	mg/Kg	06/02/25 13:05	06/10/25 21:32	6010D	SW3050
7440-28-0	Thallium	0.23	U	1	0.23	2.04	mg/Kg	06/02/25 13:05	06/10/25 21:32	6010D	SW3050
7440-62-2	Vanadium	16.1		1	0.26	2.04	mg/Kg	06/02/25 13:05	06/10/25 21:32	6010D	SW3050
7440-66-6	Zinc	12.6	N	1	0.23	2.04	mg/Kg	06/02/25 13:05	06/10/25 21:32	6010D	SW3050

Color Before:	Brown	Clarity Before:		Texture:	Medium
Color After:	Yellow	Clarity After:		Artifacts:	
Comments:	METALS-TAL				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
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Q = indicates LCS control criteria did not meet requirements

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METAL CALIBRATION DATA

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: CDM Smith **SDG No.:** Q2176

Contract: CAMP02 **Lab Code:** CHEM **Case No.:** Q2176 **SAS No.:** Q2176

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV25	Mercury	4.05	4.0	101	90 - 110	CV	06/03/2025	12:43	LB135987

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: CDM Smith **SDG No.:** Q2176

Contract: CAMP02 **Lab Code:** CHEM **Case No.:** Q2176 **SAS No.:** Q2176

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV90	Mercury	4.72	5.0	94	90 - 110	CV	06/03/2025	12:48	LB135987
CCV91	Mercury	4.54	5.0	91	90 - 110	CV	06/03/2025	13:20	LB135987
CCV92	Mercury	4.53	5.0	90	90 - 110	CV	06/03/2025	13:48	LB135987
CCV93	Mercury	4.88	5.0	98	90 - 110	CV	06/03/2025	14:16	LB135987
CCV94	Mercury	4.76	5.0	95	90 - 110	CV	06/03/2025	14:48	LB135987
CCV95	Mercury	4.82	5.0	96	90 - 110	CV	06/03/2025	15:02	LB135987

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: CDM Smith **SDG No.:** Q2176

Contract: CAMP02 **Lab Code:** CHEM **Case No.:** Q2176 **SAS No.:** Q2176

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV01	Aluminum	7520	8000	94	90 - 110	P	06/10/2025	14:37	LB136097
	Antimony	4020	4000	100	90 - 110	P	06/10/2025	14:37	LB136097
	Arsenic	3850	4000	96	90 - 110	P	06/10/2025	14:37	LB136097
	Barium	7450	8000	93	90 - 110	P	06/10/2025	14:37	LB136097
	Beryllium	198	200	99	90 - 110	P	06/10/2025	14:37	LB136097
	Cadmium	1920	2000	96	90 - 110	P	06/10/2025	14:37	LB136097
	Calcium	18500	20000	92	90 - 110	P	06/10/2025	14:37	LB136097
	Chromium	794	800	99	90 - 110	P	06/10/2025	14:37	LB136097
	Cobalt	1940	2000	97	90 - 110	P	06/10/2025	14:37	LB136097
	Copper	994	1000	99	90 - 110	P	06/10/2025	14:37	LB136097
	Iron	3770	4000	94	90 - 110	P	06/10/2025	14:37	LB136097
	Lead	3800	4000	95	90 - 110	P	06/10/2025	14:37	LB136097
	Magnesium	18700	20000	93	90 - 110	P	06/10/2025	14:37	LB136097
	Manganese	1860	2000	93	90 - 110	P	06/10/2025	14:37	LB136097
	Nickel	1930	2000	97	90 - 110	P	06/10/2025	14:37	LB136097
	Potassium	21800	20000	109	90 - 110	P	06/10/2025	14:37	LB136097
	Selenium	3880	4000	97	90 - 110	P	06/10/2025	14:37	LB136097
	Silver	978	1000	98	90 - 110	P	06/10/2025	14:37	LB136097
	Sodium	21900	20000	109	90 - 110	P	06/10/2025	14:37	LB136097
	Thallium	3740	4000	94	90 - 110	P	06/10/2025	14:37	LB136097
	Vanadium	1900	2000	95	90 - 110	P	06/10/2025	14:37	LB136097
	Zinc	1980	2000	99	90 - 110	P	06/10/2025	14:37	LB136097

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Metals

- 2a -
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: CDM Smith **SDG No.:** Q2176

Contract: CAMP02 **Lab Code:** CHEM **Case No.:** Q2176 **SAS No.:** Q2176

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLICV01	Aluminum	110	100	110	80 - 120	P	06/10/2025	14:41	LB136097
	Antimony	55.0	50.0	110	80 - 120	P	06/10/2025	14:41	LB136097
	Arsenic	21.2	20.0	106	80 - 120	P	06/10/2025	14:41	LB136097
	Barium	101	100	101	80 - 120	P	06/10/2025	14:41	LB136097
	Beryllium	6.23	6.0	104	80 - 120	P	06/10/2025	14:41	LB136097
	Cadmium	6.31	6.0	105	80 - 120	P	06/10/2025	14:41	LB136097
	Calcium	2040	2000	102	80 - 120	P	06/10/2025	14:41	LB136097
	Chromium	10.8	10.0	108	80 - 120	P	06/10/2025	14:41	LB136097
	Cobalt	30.5	30.0	102	80 - 120	P	06/10/2025	14:41	LB136097
	Copper	22.6	20.0	113	80 - 120	P	06/10/2025	14:41	LB136097
	Iron	108	100	108	80 - 120	P	06/10/2025	14:41	LB136097
	Lead	12.8	12.0	107	80 - 120	P	06/10/2025	14:41	LB136097
	Magnesium	2030	2000	102	80 - 120	P	06/10/2025	14:41	LB136097
	Manganese	21.1	20.0	106	80 - 120	P	06/10/2025	14:41	LB136097
	Nickel	41.6	40.0	104	80 - 120	P	06/10/2025	14:41	LB136097
	Potassium	1960	2000	98	80 - 120	P	06/10/2025	14:41	LB136097
	Selenium	19.7	20.0	98	80 - 120	P	06/10/2025	14:41	LB136097
	Silver	10.5	10.0	105	80 - 120	P	06/10/2025	14:41	LB136097
	Sodium	1920	2000	96	80 - 120	P	06/10/2025	14:41	LB136097
	Thallium	41.3	40.0	103	80 - 120	P	06/10/2025	14:41	LB136097
	Vanadium	38.7	40.0	97	80 - 120	P	06/10/2025	14:41	LB136097
	Zinc	43.7	40.0	109	80 - 120	P	06/10/2025	14:41	LB136097

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Metals

- 2a -
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: CDM Smith **SDG No.:** Q2176

Contract: CAMP02 **Lab Code:** CHEM **Case No.:** Q2176 **SAS No.:** Q2176

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Aluminum	10100	10000	101	90 - 110	P	06/10/2025	15:30	LB136097
	Antimony	5060	5000	101	90 - 110	P	06/10/2025	15:30	LB136097
	Arsenic	5050	5000	101	90 - 110	P	06/10/2025	15:30	LB136097
	Barium	9840	10000	98	90 - 110	P	06/10/2025	15:30	LB136097
	Beryllium	262	250	105	90 - 110	P	06/10/2025	15:30	LB136097
	Cadmium	2510	2500	100	90 - 110	P	06/10/2025	15:30	LB136097
	Calcium	24900	25000	100	90 - 110	P	06/10/2025	15:30	LB136097
	Chromium	1030	1000	103	90 - 110	P	06/10/2025	15:30	LB136097
	Cobalt	2500	2500	100	90 - 110	P	06/10/2025	15:30	LB136097
	Copper	1270	1250	101	90 - 110	P	06/10/2025	15:30	LB136097
	Iron	4860	5000	97	90 - 110	P	06/10/2025	15:30	LB136097
	Lead	5030	5000	100	90 - 110	P	06/10/2025	15:30	LB136097
	Magnesium	25000	25000	100	90 - 110	P	06/10/2025	15:30	LB136097
	Manganese	2480	2500	99	90 - 110	P	06/10/2025	15:30	LB136097
	Nickel	2510	2500	100	90 - 110	P	06/10/2025	15:30	LB136097
	Potassium	24200	25000	97	90 - 110	P	06/10/2025	15:30	LB136097
	Selenium	5080	5000	102	90 - 110	P	06/10/2025	15:30	LB136097
	Silver	1270	1250	101	90 - 110	P	06/10/2025	15:30	LB136097
	Sodium	24100	25000	96	90 - 110	P	06/10/2025	15:30	LB136097
	Thallium	5100	5000	102	90 - 110	P	06/10/2025	15:30	LB136097
	Vanadium	2510	2500	100	90 - 110	P	06/10/2025	15:30	LB136097
	Zinc	2560	2500	102	90 - 110	P	06/10/2025	15:30	LB136097
CCV02	Aluminum	10000	10000	100	90 - 110	P	06/10/2025	16:28	LB136097
	Antimony	5040	5000	101	90 - 110	P	06/10/2025	16:28	LB136097
	Arsenic	5070	5000	101	90 - 110	P	06/10/2025	16:28	LB136097
	Barium	9830	10000	98	90 - 110	P	06/10/2025	16:28	LB136097
	Beryllium	261	250	104	90 - 110	P	06/10/2025	16:28	LB136097
	Cadmium	2540	2500	102	90 - 110	P	06/10/2025	16:28	LB136097
	Calcium	24900	25000	100	90 - 110	P	06/10/2025	16:28	LB136097
	Chromium	1030	1000	103	90 - 110	P	06/10/2025	16:28	LB136097
	Cobalt	2530	2500	101	90 - 110	P	06/10/2025	16:28	LB136097
	Copper	1280	1250	102	90 - 110	P	06/10/2025	16:28	LB136097
	Iron	4930	5000	99	90 - 110	P	06/10/2025	16:28	LB136097
	Lead	5070	5000	101	90 - 110	P	06/10/2025	16:28	LB136097

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: CDM Smith **SDG No.:** Q2176

Contract: CAMP02 **Lab Code:** CHEM **Case No.:** Q2176 **SAS No.:** Q2176

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV02	Magnesium	25000	25000	100	90 - 110	P	06/10/2025	16:28	LB136097
	Manganese	2460	2500	98	90 - 110	P	06/10/2025	16:28	LB136097
	Nickel	2540	2500	101	90 - 110	P	06/10/2025	16:28	LB136097
	Potassium	24500	25000	98	90 - 110	P	06/10/2025	16:28	LB136097
	Selenium	5100	5000	102	90 - 110	P	06/10/2025	16:28	LB136097
	Silver	1270	1250	102	90 - 110	P	06/10/2025	16:28	LB136097
	Sodium	24400	25000	97	90 - 110	P	06/10/2025	16:28	LB136097
	Thallium	5070	5000	101	90 - 110	P	06/10/2025	16:28	LB136097
	Vanadium	2510	2500	100	90 - 110	P	06/10/2025	16:28	LB136097
	Zinc	2570	2500	103	90 - 110	P	06/10/2025	16:28	LB136097
CCV03	Aluminum	9930	10000	99	90 - 110	P	06/10/2025	17:36	LB136097
	Antimony	5110	5000	102	90 - 110	P	06/10/2025	17:36	LB136097
	Arsenic	5130	5000	103	90 - 110	P	06/10/2025	17:36	LB136097
	Barium	10200	10000	102	90 - 110	P	06/10/2025	17:36	LB136097
	Beryllium	243	250	97	90 - 110	P	06/10/2025	17:36	LB136097
	Cadmium	2540	2500	102	90 - 110	P	06/10/2025	17:36	LB136097
	Calcium	25000	25000	100	90 - 110	P	06/10/2025	17:36	LB136097
	Chromium	1030	1000	103	90 - 110	P	06/10/2025	17:36	LB136097
	Cobalt	2530	2500	101	90 - 110	P	06/10/2025	17:36	LB136097
	Copper	1280	1250	102	90 - 110	P	06/10/2025	17:36	LB136097
	Iron	5390	5000	108	90 - 110	P	06/10/2025	17:36	LB136097
	Lead	5080	5000	102	90 - 110	P	06/10/2025	17:36	LB136097
	Magnesium	24700	25000	99	90 - 110	P	06/10/2025	17:36	LB136097
	Manganese	2500	2500	100	90 - 110	P	06/10/2025	17:36	LB136097
	Nickel	2540	2500	102	90 - 110	P	06/10/2025	17:36	LB136097
	Potassium	26400	25000	105	90 - 110	P	06/10/2025	17:36	LB136097
	Selenium	5140	5000	103	90 - 110	P	06/10/2025	17:36	LB136097
	Silver	1280	1250	103	90 - 110	P	06/10/2025	17:36	LB136097
	Sodium	26700	25000	107	90 - 110	P	06/10/2025	17:36	LB136097
	Thallium	4990	5000	100	90 - 110	P	06/10/2025	17:36	LB136097
	Vanadium	2540	2500	101	90 - 110	P	06/10/2025	17:36	LB136097
	Zinc	2580	2500	103	90 - 110	P	06/10/2025	17:36	LB136097
CCV04	Aluminum	9910	10000	99	90 - 110	P	06/10/2025	18:28	LB136097
	Antimony	5130	5000	103	90 - 110	P	06/10/2025	18:28	LB136097

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: CDM Smith **SDG No.:** Q2176

Contract: CAMP02 **Lab Code:** CHEM **Case No.:** Q2176 **SAS No.:** Q2176

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV04	Arsenic	5200	5000	104	90 - 110	P	06/10/2025	18:28	LB136097
	Barium	10300	10000	103	90 - 110	P	06/10/2025	18:28	LB136097
	Beryllium	246	250	99	90 - 110	P	06/10/2025	18:28	LB136097
	Cadmium	2580	2500	103	90 - 110	P	06/10/2025	18:28	LB136097
	Calcium	25200	25000	101	90 - 110	P	06/10/2025	18:28	LB136097
	Chromium	1050	1000	105	90 - 110	P	06/10/2025	18:28	LB136097
	Cobalt	2560	2500	102	90 - 110	P	06/10/2025	18:28	LB136097
	Copper	1290	1250	103	90 - 110	P	06/10/2025	18:28	LB136097
	Iron	5420	5000	108	90 - 110	P	06/10/2025	18:28	LB136097
	Lead	5160	5000	103	90 - 110	P	06/10/2025	18:28	LB136097
	Magnesium	24800	25000	99	90 - 110	P	06/10/2025	18:28	LB136097
	Manganese	2510	2500	100	90 - 110	P	06/10/2025	18:28	LB136097
	Nickel	2570	2500	103	90 - 110	P	06/10/2025	18:28	LB136097
	Potassium	25900	25000	104	90 - 110	P	06/10/2025	18:28	LB136097
	Selenium	5220	5000	104	90 - 110	P	06/10/2025	18:28	LB136097
	Silver	1290	1250	103	90 - 110	P	06/10/2025	18:28	LB136097
	Sodium	26000	25000	104	90 - 110	P	06/10/2025	18:28	LB136097
	Thallium	5110	5000	102	90 - 110	P	06/10/2025	18:28	LB136097
	Vanadium	2550	2500	102	90 - 110	P	06/10/2025	18:28	LB136097
	Zinc	2540	2500	101	90 - 110	P	06/10/2025	18:28	LB136097
CCV05	Aluminum	9840	10000	98	90 - 110	P	06/10/2025	19:18	LB136097
	Antimony	5120	5000	102	90 - 110	P	06/10/2025	19:18	LB136097
	Arsenic	5170	5000	103	90 - 110	P	06/10/2025	19:18	LB136097
	Barium	10200	10000	102	90 - 110	P	06/10/2025	19:18	LB136097
	Beryllium	243	250	97	90 - 110	P	06/10/2025	19:18	LB136097
	Cadmium	2550	2500	102	90 - 110	P	06/10/2025	19:18	LB136097
	Calcium	24900	25000	100	90 - 110	P	06/10/2025	19:18	LB136097
	Chromium	1030	1000	103	90 - 110	P	06/10/2025	19:18	LB136097
	Cobalt	2530	2500	101	90 - 110	P	06/10/2025	19:18	LB136097
	Copper	1270	1250	102	90 - 110	P	06/10/2025	19:18	LB136097
	Iron	5340	5000	107	90 - 110	P	06/10/2025	19:18	LB136097
	Lead	5090	5000	102	90 - 110	P	06/10/2025	19:18	LB136097
	Magnesium	24400	25000	98	90 - 110	P	06/10/2025	19:18	LB136097
	Manganese	2490	2500	100	90 - 110	P	06/10/2025	19:18	LB136097

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: CDM Smith **SDG No.:** Q2176

Contract: CAMP02 **Lab Code:** CHEM **Case No.:** Q2176 **SAS No.:** Q2176

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV05	Nickel	2540	2500	102	90 - 110	P	06/10/2025	19:18	LB136097
	Potassium	25200	25000	101	90 - 110	P	06/10/2025	19:18	LB136097
	Selenium	5190	5000	104	90 - 110	P	06/10/2025	19:18	LB136097
	Silver	1260	1250	101	90 - 110	P	06/10/2025	19:18	LB136097
	Sodium	25200	25000	101	90 - 110	P	06/10/2025	19:18	LB136097
	Thallium	5000	5000	100	90 - 110	P	06/10/2025	19:18	LB136097
	Vanadium	2540	2500	102	90 - 110	P	06/10/2025	19:18	LB136097
	Zinc	2510	2500	100	90 - 110	P	06/10/2025	19:18	LB136097
CCV06	Aluminum	10100	10000	100	90 - 110	P	06/10/2025	20:09	LB136097
	Antimony	5120	5000	102	90 - 110	P	06/10/2025	20:09	LB136097
	Arsenic	5160	5000	103	90 - 110	P	06/10/2025	20:09	LB136097
	Barium	9960	10000	100	90 - 110	P	06/10/2025	20:09	LB136097
	Beryllium	262	250	105	90 - 110	P	06/10/2025	20:09	LB136097
	Cadmium	2550	2500	102	90 - 110	P	06/10/2025	20:09	LB136097
	Calcium	25100	25000	100	90 - 110	P	06/10/2025	20:09	LB136097
	Chromium	1050	1000	105	90 - 110	P	06/10/2025	20:09	LB136097
	Cobalt	2540	2500	102	90 - 110	P	06/10/2025	20:09	LB136097
	Copper	1270	1250	102	90 - 110	P	06/10/2025	20:09	LB136097
	Iron	5150	5000	103	90 - 110	P	06/10/2025	20:09	LB136097
	Lead	5110	5000	102	90 - 110	P	06/10/2025	20:09	LB136097
	Magnesium	25000	25000	100	90 - 110	P	06/10/2025	20:09	LB136097
	Manganese	2500	2500	100	90 - 110	P	06/10/2025	20:09	LB136097
	Nickel	2550	2500	102	90 - 110	P	06/10/2025	20:09	LB136097
	Potassium	24100	25000	96	90 - 110	P	06/10/2025	20:09	LB136097
	Selenium	5190	5000	104	90 - 110	P	06/10/2025	20:09	LB136097
	Silver	1290	1250	103	90 - 110	P	06/10/2025	20:09	LB136097
	Sodium	23800	25000	95	90 - 110	P	06/10/2025	20:09	LB136097
	Thallium	5010	5000	100	90 - 110	P	06/10/2025	20:09	LB136097
	Vanadium	2560	2500	102	90 - 110	P	06/10/2025	20:09	LB136097
	Zinc	2570	2500	103	90 - 110	P	06/10/2025	20:09	LB136097
CCV07	Aluminum	10100	10000	101	90 - 110	P	06/10/2025	21:04	LB136097
	Antimony	5160	5000	103	90 - 110	P	06/10/2025	21:04	LB136097
	Arsenic	5230	5000	104	90 - 110	P	06/10/2025	21:04	LB136097
	Barium	10100	10000	101	90 - 110	P	06/10/2025	21:04	LB136097

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: CDM Smith **SDG No.:** Q2176

Contract: CAMP02 **Lab Code:** CHEM **Case No.:** Q2176 **SAS No.:** Q2176

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV07	Beryllium	261	250	104	90 - 110	P	06/10/2025	21:04	LB136097
	Cadmium	2600	2500	104	90 - 110	P	06/10/2025	21:04	LB136097
	Calcium	25600	25000	102	90 - 110	P	06/10/2025	21:04	LB136097
	Chromium	1050	1000	105	90 - 110	P	06/10/2025	21:04	LB136097
	Cobalt	2590	2500	103	90 - 110	P	06/10/2025	21:04	LB136097
	Copper	1270	1250	102	90 - 110	P	06/10/2025	21:04	LB136097
	Iron	5190	5000	104	90 - 110	P	06/10/2025	21:04	LB136097
	Lead	5210	5000	104	90 - 110	P	06/10/2025	21:04	LB136097
	Magnesium	25400	25000	102	90 - 110	P	06/10/2025	21:04	LB136097
	Manganese	2550	2500	102	90 - 110	P	06/10/2025	21:04	LB136097
	Nickel	2590	2500	104	90 - 110	P	06/10/2025	21:04	LB136097
	Potassium	23600	25000	94	90 - 110	P	06/10/2025	21:04	LB136097
	Selenium	5230	5000	105	90 - 110	P	06/10/2025	21:04	LB136097
	Silver	1280	1250	102	90 - 110	P	06/10/2025	21:04	LB136097
	Sodium	23500	25000	94	90 - 110	P	06/10/2025	21:04	LB136097
	Thallium	5090	5000	102	90 - 110	P	06/10/2025	21:04	LB136097
	Vanadium	2590	2500	104	90 - 110	P	06/10/2025	21:04	LB136097
	Zinc	2540	2500	102	90 - 110	P	06/10/2025	21:04	LB136097
CCV08	Aluminum	10100	10000	101	90 - 110	P	06/10/2025	22:04	LB136097
	Antimony	5200	5000	104	90 - 110	P	06/10/2025	22:04	LB136097
	Arsenic	5240	5000	105	90 - 110	P	06/10/2025	22:04	LB136097
	Barium	10100	10000	101	90 - 110	P	06/10/2025	22:04	LB136097
	Beryllium	262	250	105	90 - 110	P	06/10/2025	22:04	LB136097
	Cadmium	2550	2500	102	90 - 110	P	06/10/2025	22:04	LB136097
	Calcium	25400	25000	101	90 - 110	P	06/10/2025	22:04	LB136097
	Chromium	1050	1000	105	90 - 110	P	06/10/2025	22:04	LB136097
	Cobalt	2560	2500	102	90 - 110	P	06/10/2025	22:04	LB136097
	Copper	1280	1250	103	90 - 110	P	06/10/2025	22:04	LB136097
	Iron	5140	5000	103	90 - 110	P	06/10/2025	22:04	LB136097
	Lead	5130	5000	102	90 - 110	P	06/10/2025	22:04	LB136097
	Magnesium	25300	25000	101	90 - 110	P	06/10/2025	22:04	LB136097
	Manganese	2540	2500	102	90 - 110	P	06/10/2025	22:04	LB136097
	Nickel	2560	2500	103	90 - 110	P	06/10/2025	22:04	LB136097
	Potassium	23500	25000	94	90 - 110	P	06/10/2025	22:04	LB136097

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: CDM Smith **SDG No.:** Q2176

Contract: CAMP02 **Lab Code:** CHEM **Case No.:** Q2176 **SAS No.:** Q2176

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV08	Selenium	5280	5000	106	90 - 110	P	06/10/2025	22:04	LB136097
	Silver	1280	1250	102	90 - 110	P	06/10/2025	22:04	LB136097
	Sodium	23400	25000	94	90 - 110	P	06/10/2025	22:04	LB136097
	Thallium	5010	5000	100	90 - 110	P	06/10/2025	22:04	LB136097
	Vanadium	2580	2500	103	90 - 110	P	06/10/2025	22:04	LB136097
	Zinc	2550	2500	102	90 - 110	P	06/10/2025	22:04	LB136097
CCV09	Aluminum	10000	10000	100	90 - 110	P	06/10/2025	22:56	LB136097
	Antimony	5110	5000	102	90 - 110	P	06/10/2025	22:56	LB136097
	Arsenic	5150	5000	103	90 - 110	P	06/10/2025	22:56	LB136097
	Barium	10100	10000	101	90 - 110	P	06/10/2025	22:56	LB136097
	Beryllium	260	250	104	90 - 110	P	06/10/2025	22:56	LB136097
	Cadmium	2550	2500	102	90 - 110	P	06/10/2025	22:56	LB136097
	Calcium	25100	25000	101	90 - 110	P	06/10/2025	22:56	LB136097
	Chromium	1050	1000	105	90 - 110	P	06/10/2025	22:56	LB136097
	Cobalt	2550	2500	102	90 - 110	P	06/10/2025	22:56	LB136097
	Copper	1270	1250	102	90 - 110	P	06/10/2025	22:56	LB136097
	Iron	5160	5000	103	90 - 110	P	06/10/2025	22:56	LB136097
	Lead	5100	5000	102	90 - 110	P	06/10/2025	22:56	LB136097
	Magnesium	25000	25000	100	90 - 110	P	06/10/2025	22:56	LB136097
	Manganese	2510	2500	100	90 - 110	P	06/10/2025	22:56	LB136097
	Nickel	2560	2500	102	90 - 110	P	06/10/2025	22:56	LB136097
	Potassium	24100	25000	96	90 - 110	P	06/10/2025	22:56	LB136097
	Selenium	5180	5000	104	90 - 110	P	06/10/2025	22:56	LB136097
	Silver	1290	1250	103	90 - 110	P	06/10/2025	22:56	LB136097
	Sodium	23900	25000	96	90 - 110	P	06/10/2025	22:56	LB136097
	Thallium	5020	5000	100	90 - 110	P	06/10/2025	22:56	LB136097
	Vanadium	2540	2500	102	90 - 110	P	06/10/2025	22:56	LB136097
	Zinc	2580	2500	103	90 - 110	P	06/10/2025	22:56	LB136097
CCV10	Aluminum	10200	10000	102	90 - 110	P	06/10/2025	23:57	LB136097
	Antimony	5170	5000	103	90 - 110	P	06/10/2025	23:57	LB136097
	Arsenic	5180	5000	104	90 - 110	P	06/10/2025	23:57	LB136097
	Barium	10000	10000	100	90 - 110	P	06/10/2025	23:57	LB136097
	Beryllium	264	250	106	90 - 110	P	06/10/2025	23:57	LB136097
	Cadmium	2540	2500	102	90 - 110	P	06/10/2025	23:57	LB136097

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: CDM Smith **SDG No.:** Q2176

Contract: CAMP02 **Lab Code:** CHEM **Case No.:** Q2176 **SAS No.:** Q2176

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV10	Calcium	25400	25000	102	90 - 110	P	06/10/2025	23:57	LB136097
	Chromium	1060	1000	106	90 - 110	P	06/10/2025	23:57	LB136097
	Cobalt	2550	2500	102	90 - 110	P	06/10/2025	23:57	LB136097
	Copper	1280	1250	102	90 - 110	P	06/10/2025	23:57	LB136097
	Iron	5200	5000	104	90 - 110	P	06/10/2025	23:57	LB136097
	Lead	5100	5000	102	90 - 110	P	06/10/2025	23:57	LB136097
	Magnesium	25400	25000	102	90 - 110	P	06/10/2025	23:57	LB136097
	Manganese	2530	2500	101	90 - 110	P	06/10/2025	23:57	LB136097
	Nickel	2560	2500	102	90 - 110	P	06/10/2025	23:57	LB136097
	Potassium	24000	25000	96	90 - 110	P	06/10/2025	23:57	LB136097
	Selenium	5230	5000	105	90 - 110	P	06/10/2025	23:57	LB136097
	Silver	1310	1250	104	90 - 110	P	06/10/2025	23:57	LB136097
	Sodium	23600	25000	94	90 - 110	P	06/10/2025	23:57	LB136097
	Thallium	4940	5000	99	90 - 110	P	06/10/2025	23:57	LB136097
	Vanadium	2570	2500	103	90 - 110	P	06/10/2025	23:57	LB136097
	Zinc	2630	2500	105	90 - 110	P	06/10/2025	23:57	LB136097
CCV11	Aluminum	10200	10000	102	90 - 110	P	06/11/2025	01:35	LB136097
	Antimony	5240	5000	105	90 - 110	P	06/11/2025	01:35	LB136097
	Arsenic	5280	5000	106	90 - 110	P	06/11/2025	01:35	LB136097
	Barium	10100	10000	101	90 - 110	P	06/11/2025	01:35	LB136097
	Beryllium	259	250	104	90 - 110	P	06/11/2025	01:35	LB136097
	Cadmium	2570	2500	103	90 - 110	P	06/11/2025	01:35	LB136097
	Calcium	25100	25000	100	90 - 110	P	06/11/2025	01:35	LB136097
	Chromium	1040	1000	104	90 - 110	P	06/11/2025	01:35	LB136097
	Cobalt	2580	2500	103	90 - 110	P	06/11/2025	01:35	LB136097
	Copper	1290	1250	103	90 - 110	P	06/11/2025	01:35	LB136097
	Iron	5060	5000	101	90 - 110	P	06/11/2025	01:35	LB136097
	Lead	5160	5000	103	90 - 110	P	06/11/2025	01:35	LB136097
	Magnesium	24900	25000	100	90 - 110	P	06/11/2025	01:35	LB136097
	Manganese	2520	2500	101	90 - 110	P	06/11/2025	01:35	LB136097
	Nickel	2590	2500	104	90 - 110	P	06/11/2025	01:35	LB136097
	Potassium	23800	25000	95	90 - 110	P	06/11/2025	01:35	LB136097
	Selenium	5320	5000	106	90 - 110	P	06/11/2025	01:35	LB136097
	Silver	1280	1250	103	90 - 110	P	06/11/2025	01:35	LB136097

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: CDM Smith **SDG No.:** Q2176

Contract: CAMP02 **Lab Code:** CHEM **Case No.:** Q2176 **SAS No.:** Q2176

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV11	Sodium	23700	25000	95	90 - 110	P	06/11/2025	01:35	LB136097
	Thallium	4950	5000	99	90 - 110	P	06/11/2025	01:35	LB136097
	Vanadium	2560	2500	102	90 - 110	P	06/11/2025	01:35	LB136097
	Zinc	2600	2500	104	90 - 110	P	06/11/2025	01:35	LB136097
CCV12	Aluminum	10200	10000	102	90 - 110	P	06/11/2025	02:21	LB136097
	Antimony	4840	5000	97	90 - 110	P	06/11/2025	02:21	LB136097
	Arsenic	4850	5000	97	90 - 110	P	06/11/2025	02:21	LB136097
	Barium	10000	10000	100	90 - 110	P	06/11/2025	02:21	LB136097
	Beryllium	264	250	105	90 - 110	P	06/11/2025	02:21	LB136097
	Cadmium	2400	2500	96	90 - 110	P	06/11/2025	02:21	LB136097
	Calcium	24900	25000	99	90 - 110	P	06/11/2025	02:21	LB136097
	Chromium	1030	1000	103	90 - 110	P	06/11/2025	02:21	LB136097
	Cobalt	2420	2500	97	90 - 110	P	06/11/2025	02:21	LB136097
	Copper	1200	1250	96	90 - 110	P	06/11/2025	02:21	LB136097
	Iron	4930	5000	99	90 - 110	P	06/11/2025	02:21	LB136097
	Lead	4810	5000	96	90 - 110	P	06/11/2025	02:21	LB136097
	Magnesium	24900	25000	100	90 - 110	P	06/11/2025	02:21	LB136097
	Manganese	2490	2500	100	90 - 110	P	06/11/2025	02:21	LB136097
	Nickel	2420	2500	97	90 - 110	P	06/11/2025	02:21	LB136097
	Potassium	23100	25000	92	90 - 110	P	06/11/2025	02:21	LB136097
	Selenium	4880	5000	98	90 - 110	P	06/11/2025	02:21	LB136097
	Silver	1280	1250	102	90 - 110	P	06/11/2025	02:21	LB136097
	Sodium	22800	25000	91	90 - 110	P	06/11/2025	02:21	LB136097
	Thallium	4660	5000	93	90 - 110	P	06/11/2025	02:21	LB136097
	Vanadium	2530	2500	101	90 - 110	P	06/11/2025	02:21	LB136097
	Zinc	2590	2500	104	90 - 110	P	06/11/2025	02:21	LB136097

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Metals

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CRDL STANDARD FOR AA & ICP

Client: CDM Smith **SDG No.:** Q2176

Contract: CAMP02 **Lab Code:** CHEM **Case No.:** Q2176 **SAS No.:** Q2176

Initial Calibration Source:

Continuing Calibration Source:

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CRA	Mercury	0.21	0.2	104	70 - 130	CV	06/03/2025	12:52	LB135987
CRI01	Aluminum	105	100	105	65 - 135	P	06/10/2025	14:50	LB136097
	Antimony	53.3	50.0	107	65 - 135	P	06/10/2025	14:50	LB136097
	Arsenic	22.9	20.0	114	65 - 135	P	06/10/2025	14:50	LB136097
	Barium	98.7	100	99	65 - 135	P	06/10/2025	14:50	LB136097
	Beryllium	6.22	6.0	104	65 - 135	P	06/10/2025	14:50	LB136097
	Cadmium	6.07	6.0	101	65 - 135	P	06/10/2025	14:50	LB136097
	Calcium	2030	2000	102	65 - 135	P	06/10/2025	14:50	LB136097
	Chromium	10.7	10.0	107	65 - 135	P	06/10/2025	14:50	LB136097
	Cobalt	30.4	30.0	102	65 - 135	P	06/10/2025	14:50	LB136097
	Copper	22.7	20.0	114	65 - 135	P	06/10/2025	14:50	LB136097
	Iron	111	100	111	65 - 135	P	06/10/2025	14:50	LB136097
	Lead	13.4	12.0	112	65 - 135	P	06/10/2025	14:50	LB136097
	Magnesium	2040	2000	102	65 - 135	P	06/10/2025	14:50	LB136097
	Manganese	21.0	20.0	105	65 - 135	P	06/10/2025	14:50	LB136097
	Nickel	40.8	40.0	102	65 - 135	P	06/10/2025	14:50	LB136097
	Potassium	1990	2000	99	65 - 135	P	06/10/2025	14:50	LB136097
	Selenium	19.5	20.0	98	65 - 135	P	06/10/2025	14:50	LB136097
	Silver	10.6	10.0	106	65 - 135	P	06/10/2025	14:50	LB136097
	Sodium	1890	2000	95	65 - 135	P	06/10/2025	14:50	LB136097
	Thallium	40.8	40.0	102	65 - 135	P	06/10/2025	14:50	LB136097
	Vanadium	39.1	40.0	98	65 - 135	P	06/10/2025	14:50	LB136097
	Zinc	44.1	40.0	110	65 - 135	P	06/10/2025	14:50	LB136097

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: CDM Smith **SDG No.:** Q2176

Contract: CAMP02 **Lab Code:** CHEM **Case No.:** Q2176 **SAS No.:** Q2176

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB25	Mercury	0.076	+/-0.2	U	0.20	CV	06/03/2025	12:46	LB135987

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: CDM Smith **SDG No.:** Q2176

Contract: CAMP02 **Lab Code:** CHEM **Case No.:** Q2176 **SAS No.:** Q2176

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB90	Mercury	0.076	+/-0.2	U	0.20	CV	06/03/2025	12:50	LB135987
CCB91	Mercury	0.076	+/-0.2	U	0.20	CV	06/03/2025	13:22	LB135987
CCB92	Mercury	0.076	+/-0.2	U	0.20	CV	06/03/2025	13:51	LB135987
CCB93	Mercury	0.076	+/-0.2	U	0.20	CV	06/03/2025	14:18	LB135987
CCB94	Mercury	0.076	+/-0.2	U	0.20	CV	06/03/2025	14:51	LB135987
CCB95	Mercury	0.076	+/-0.2	U	0.20	CV	06/03/2025	15:04	LB135987

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: CDM Smith **SDG No.:** Q2176

Contract: CAMP02 **Lab Code:** CHEM **Case No.:** Q2176 **SAS No.:** Q2176

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Aluminum	11.3	+/-50	U	100	P	06/10/2025	14:45	LB136097
	Antimony	6.76	+/-25	U	50.0	P	06/10/2025	14:45	LB136097
	Arsenic	5.12	+/-10	U	20.0	P	06/10/2025	14:45	LB136097
	Barium	14.6	+/-50	U	100	P	06/10/2025	14:45	LB136097
	Beryllium	0.56	+/-3	U	6.00	P	06/10/2025	14:45	LB136097
	Cadmium	0.50	+/-3	U	6.00	P	06/10/2025	14:45	LB136097
	Calcium	234	+/-1000	U	2000	P	06/10/2025	14:45	LB136097
	Chromium	2.12	+/-5	U	10.0	P	06/10/2025	14:45	LB136097
	Cobalt	2.26	+/-15	U	30.0	P	06/10/2025	14:45	LB136097
	Copper	4.60	+/-10	U	20.0	P	06/10/2025	14:45	LB136097
	Iron	23.4	+/-50	U	100	P	06/10/2025	14:45	LB136097
	Lead	2.30	+/-6	U	12.0	P	06/10/2025	14:45	LB136097
	Magnesium	244	+/-1000	U	2000	P	06/10/2025	14:45	LB136097
	Manganese	5.94	+/-10	U	20.0	P	06/10/2025	14:45	LB136097
	Nickel	3.06	+/-20	U	40.0	P	06/10/2025	14:45	LB136097
	Potassium	918	+/-1000	U	2000	P	06/10/2025	14:45	LB136097
	Selenium	9.64	+/-10	U	20.0	P	06/10/2025	14:45	LB136097
	Silver	1.62	+/-5	U	10.0	P	06/10/2025	14:45	LB136097
	Sodium	868	+/-1000	U	2000	P	06/10/2025	14:45	LB136097
	Thallium	4.38	+/-20	U	40.0	P	06/10/2025	14:45	LB136097
	Vanadium	6.26	+/-20	U	40.0	P	06/10/2025	14:45	LB136097
	Zinc	16.7	+/-20	U	40.0	P	06/10/2025	14:45	LB136097

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: CDM Smith **SDG No.:** Q2176

Contract: CAMP02 **Lab Code:** CHEM **Case No.:** Q2176 **SAS No.:** Q2176

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Aluminum	11.3	+/-50	U	100	P	06/10/2025	15:35	LB136097
	Antimony	6.76	+/-25	U	50.0	P	06/10/2025	15:35	LB136097
	Arsenic	5.12	+/-10	U	20.0	P	06/10/2025	15:35	LB136097
	Barium	14.6	+/-50	U	100	P	06/10/2025	15:35	LB136097
	Beryllium	0.56	+/-3	U	6.00	P	06/10/2025	15:35	LB136097
	Cadmium	0.50	+/-3	U	6.00	P	06/10/2025	15:35	LB136097
	Calcium	234	+/-1000	U	2000	P	06/10/2025	15:35	LB136097
	Chromium	2.12	+/-5	U	10.0	P	06/10/2025	15:35	LB136097
	Cobalt	2.26	+/-15	U	30.0	P	06/10/2025	15:35	LB136097
	Copper	4.60	+/-10	U	20.0	P	06/10/2025	15:35	LB136097
	Iron	23.4	+/-50	U	100	P	06/10/2025	15:35	LB136097
	Lead	2.30	+/-6	U	12.0	P	06/10/2025	15:35	LB136097
	Magnesium	244	+/-1000	U	2000	P	06/10/2025	15:35	LB136097
	Manganese	5.94	+/-10	U	20.0	P	06/10/2025	15:35	LB136097
	Nickel	3.06	+/-20	U	40.0	P	06/10/2025	15:35	LB136097
	Potassium	918	+/-1000	U	2000	P	06/10/2025	15:35	LB136097
	Selenium	9.64	+/-10	U	20.0	P	06/10/2025	15:35	LB136097
	Silver	1.62	+/-5	U	10.0	P	06/10/2025	15:35	LB136097
	Sodium	868	+/-1000	U	2000	P	06/10/2025	15:35	LB136097
	Thallium	4.38	+/-20	U	40.0	P	06/10/2025	15:35	LB136097
	Vanadium	6.26	+/-20	U	40.0	P	06/10/2025	15:35	LB136097
	Zinc	16.7	+/-20	U	40.0	P	06/10/2025	15:35	LB136097
CCB02	Aluminum	11.3	+/-50	U	100	P	06/10/2025	16:32	LB136097
	Antimony	6.76	+/-25	U	50.0	P	06/10/2025	16:32	LB136097
	Arsenic	5.12	+/-10	U	20.0	P	06/10/2025	16:32	LB136097
	Barium	14.6	+/-50	U	100	P	06/10/2025	16:32	LB136097
	Beryllium	0.56	+/-3	U	6.00	P	06/10/2025	16:32	LB136097
	Cadmium	0.50	+/-3	U	6.00	P	06/10/2025	16:32	LB136097
	Calcium	234	+/-1000	U	2000	P	06/10/2025	16:32	LB136097
	Chromium	2.12	+/-5	U	10.0	P	06/10/2025	16:32	LB136097
	Cobalt	2.26	+/-15	U	30.0	P	06/10/2025	16:32	LB136097
	Copper	4.60	+/-10	U	20.0	P	06/10/2025	16:32	LB136097
	Iron	23.4	+/-50	U	100	P	06/10/2025	16:32	LB136097
	Lead	2.30	+/-6	U	12.0	P	06/10/2025	16:32	LB136097
	Magnesium	244	+/-1000	U	2000	P	06/10/2025	16:32	LB136097
	Manganese	5.94	+/-10	U	20.0	P	06/10/2025	16:32	LB136097
	Nickel	3.06	+/-20	U	40.0	P	06/10/2025	16:32	LB136097
	Potassium	918	+/-1000	U	2000	P	06/10/2025	16:32	LB136097
	Selenium	9.64	+/-10	U	20.0	P	06/10/2025	16:32	LB136097

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: CDM Smith **SDG No.:** Q2176

Contract: CAMP02 **Lab Code:** CHEM **Case No.:** Q2176 **SAS No.:** Q2176

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB02	Silver	1.62	+/-5	U	10.0	P	06/10/2025	16:32	LB136097
	Sodium	868	+/-1000	U	2000	P	06/10/2025	16:32	LB136097
	Thallium	4.38	+/-20	U	40.0	P	06/10/2025	16:32	LB136097
	Vanadium	6.26	+/-20	U	40.0	P	06/10/2025	16:32	LB136097
	Zinc	16.7	+/-20	U	40.0	P	06/10/2025	16:32	LB136097
CCB03	Aluminum	11.3	+/-50	U	100	P	06/10/2025	17:40	LB136097
	Antimony	6.76	+/-25	U	50.0	P	06/10/2025	17:40	LB136097
	Arsenic	5.12	+/-10	U	20.0	P	06/10/2025	17:40	LB136097
	Barium	14.6	+/-50	U	100	P	06/10/2025	17:40	LB136097
	Beryllium	0.56	+/-3	U	6.00	P	06/10/2025	17:40	LB136097
	Cadmium	0.50	+/-3	U	6.00	P	06/10/2025	17:40	LB136097
	Calcium	234	+/-1000	U	2000	P	06/10/2025	17:40	LB136097
	Chromium	2.12	+/-5	U	10.0	P	06/10/2025	17:40	LB136097
	Cobalt	2.26	+/-15	U	30.0	P	06/10/2025	17:40	LB136097
	Copper	4.60	+/-10	U	20.0	P	06/10/2025	17:40	LB136097
	Iron	23.4	+/-50	U	100	P	06/10/2025	17:40	LB136097
	Lead	2.30	+/-6	U	12.0	P	06/10/2025	17:40	LB136097
	Magnesium	244	+/-1000	U	2000	P	06/10/2025	17:40	LB136097
	Manganese	5.94	+/-10	U	20.0	P	06/10/2025	17:40	LB136097
	Nickel	3.06	+/-20	U	40.0	P	06/10/2025	17:40	LB136097
	Potassium	918	+/-1000	U	2000	P	06/10/2025	17:40	LB136097
	Selenium	9.64	+/-10	U	20.0	P	06/10/2025	17:40	LB136097
	Silver	1.62	+/-5	U	10.0	P	06/10/2025	17:40	LB136097
	Sodium	868	+/-1000	U	2000	P	06/10/2025	17:40	LB136097
	Thallium	4.38	+/-20	U	40.0	P	06/10/2025	17:40	LB136097
	Vanadium	6.26	+/-20	U	40.0	P	06/10/2025	17:40	LB136097
	Zinc	16.7	+/-20	U	40.0	P	06/10/2025	17:40	LB136097
CCB04	Aluminum	11.3	+/-50	U	100	P	06/10/2025	18:32	LB136097
	Antimony	6.76	+/-25	U	50.0	P	06/10/2025	18:32	LB136097
	Arsenic	5.12	+/-10	U	20.0	P	06/10/2025	18:32	LB136097
	Barium	14.6	+/-50	U	100	P	06/10/2025	18:32	LB136097
	Beryllium	0.56	+/-3	U	6.00	P	06/10/2025	18:32	LB136097
	Cadmium	0.50	+/-3	U	6.00	P	06/10/2025	18:32	LB136097
	Calcium	234	+/-1000	U	2000	P	06/10/2025	18:32	LB136097
	Chromium	2.12	+/-5	U	10.0	P	06/10/2025	18:32	LB136097
	Cobalt	2.26	+/-15	U	30.0	P	06/10/2025	18:32	LB136097
	Copper	4.60	+/-10	U	20.0	P	06/10/2025	18:32	LB136097
	Iron	23.4	+/-50	U	100	P	06/10/2025	18:32	LB136097
	Lead	2.30	+/-6	U	12.0	P	06/10/2025	18:32	LB136097

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: CDM Smith **SDG No.:** Q2176

Contract: CAMP02 **Lab Code:** CHEM **Case No.:** Q2176 **SAS No.:** Q2176

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB04	Magnesium	244	+/-1000	U	2000	P	06/10/2025	18:32	LB136097
	Manganese	5.94	+/-10	U	20.0	P	06/10/2025	18:32	LB136097
	Nickel	3.06	+/-20	U	40.0	P	06/10/2025	18:32	LB136097
	Potassium	918	+/-1000	U	2000	P	06/10/2025	18:32	LB136097
	Selenium	9.64	+/-10	U	20.0	P	06/10/2025	18:32	LB136097
	Silver	1.62	+/-5	U	10.0	P	06/10/2025	18:32	LB136097
	Sodium	868	+/-1000	U	2000	P	06/10/2025	18:32	LB136097
	Thallium	4.38	+/-20	U	40.0	P	06/10/2025	18:32	LB136097
	Vanadium	6.26	+/-20	U	40.0	P	06/10/2025	18:32	LB136097
	Zinc	16.7	+/-20	U	40.0	P	06/10/2025	18:32	LB136097
CCB05	Aluminum	11.3	+/-50	U	100	P	06/10/2025	19:22	LB136097
	Antimony	6.76	+/-25	U	50.0	P	06/10/2025	19:22	LB136097
	Arsenic	5.12	+/-10	U	20.0	P	06/10/2025	19:22	LB136097
	Barium	14.6	+/-50	U	100	P	06/10/2025	19:22	LB136097
	Beryllium	0.56	+/-3	U	6.00	P	06/10/2025	19:22	LB136097
	Cadmium	0.50	+/-3	U	6.00	P	06/10/2025	19:22	LB136097
	Calcium	234	+/-1000	U	2000	P	06/10/2025	19:22	LB136097
	Chromium	2.12	+/-5	U	10.0	P	06/10/2025	19:22	LB136097
	Cobalt	2.26	+/-15	U	30.0	P	06/10/2025	19:22	LB136097
	Copper	4.60	+/-10	U	20.0	P	06/10/2025	19:22	LB136097
	Iron	23.4	+/-50	U	100	P	06/10/2025	19:22	LB136097
	Lead	2.30	+/-6	U	12.0	P	06/10/2025	19:22	LB136097
	Magnesium	244	+/-1000	U	2000	P	06/10/2025	19:22	LB136097
	Manganese	5.94	+/-10	U	20.0	P	06/10/2025	19:22	LB136097
	Nickel	3.06	+/-20	U	40.0	P	06/10/2025	19:22	LB136097
	Potassium	918	+/-1000	U	2000	P	06/10/2025	19:22	LB136097
	Selenium	9.64	+/-10	U	20.0	P	06/10/2025	19:22	LB136097
	Silver	1.62	+/-5	U	10.0	P	06/10/2025	19:22	LB136097
	Sodium	868	+/-1000	U	2000	P	06/10/2025	19:22	LB136097
	Thallium	4.38	+/-20	U	40.0	P	06/10/2025	19:22	LB136097
	Vanadium	6.26	+/-20	U	40.0	P	06/10/2025	19:22	LB136097
	Zinc	16.7	+/-20	U	40.0	P	06/10/2025	19:22	LB136097
CCB06	Aluminum	11.3	+/-50	U	100	P	06/10/2025	20:14	LB136097
	Antimony	6.76	+/-25	U	50.0	P	06/10/2025	20:14	LB136097
	Arsenic	5.12	+/-10	U	20.0	P	06/10/2025	20:14	LB136097
	Barium	14.6	+/-50	U	100	P	06/10/2025	20:14	LB136097
	Beryllium	0.56	+/-3	U	6.00	P	06/10/2025	20:14	LB136097
	Cadmium	0.50	+/-3	U	6.00	P	06/10/2025	20:14	LB136097
	Calcium	234	+/-1000	U	2000	P	06/10/2025	20:14	LB136097

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: CDM Smith **SDG No.:** Q2176

Contract: CAMP02 **Lab Code:** CHEM **Case No.:** Q2176 **SAS No.:** Q2176

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB06	Chromium	2.12	+/-5	U	10.0	P	06/10/2025	20:14	LB136097
	Cobalt	2.26	+/-15	U	30.0	P	06/10/2025	20:14	LB136097
	Copper	4.60	+/-10	U	20.0	P	06/10/2025	20:14	LB136097
	Iron	23.4	+/-50	U	100	P	06/10/2025	20:14	LB136097
	Lead	2.30	+/-6	U	12.0	P	06/10/2025	20:14	LB136097
	Magnesium	244	+/-1000	U	2000	P	06/10/2025	20:14	LB136097
	Manganese	5.94	+/-10	U	20.0	P	06/10/2025	20:14	LB136097
	Nickel	3.06	+/-20	U	40.0	P	06/10/2025	20:14	LB136097
	Potassium	918	+/-1000	U	2000	P	06/10/2025	20:14	LB136097
	Selenium	9.64	+/-10	U	20.0	P	06/10/2025	20:14	LB136097
	Silver	1.62	+/-5	U	10.0	P	06/10/2025	20:14	LB136097
	Sodium	868	+/-1000	U	2000	P	06/10/2025	20:14	LB136097
	Thallium	4.38	+/-20	U	40.0	P	06/10/2025	20:14	LB136097
	Vanadium	6.26	+/-20	U	40.0	P	06/10/2025	20:14	LB136097
	Zinc	16.7	+/-20	U	40.0	P	06/10/2025	20:14	LB136097
CCB07	Aluminum	11.3	+/-50	U	100	P	06/10/2025	21:08	LB136097
	Antimony	6.76	+/-25	U	50.0	P	06/10/2025	21:08	LB136097
	Arsenic	5.12	+/-10	U	20.0	P	06/10/2025	21:08	LB136097
	Barium	14.6	+/-50	U	100	P	06/10/2025	21:08	LB136097
	Beryllium	0.56	+/-3	U	6.00	P	06/10/2025	21:08	LB136097
	Cadmium	0.50	+/-3	U	6.00	P	06/10/2025	21:08	LB136097
	Calcium	234	+/-1000	U	2000	P	06/10/2025	21:08	LB136097
	Chromium	2.12	+/-5	U	10.0	P	06/10/2025	21:08	LB136097
	Cobalt	2.26	+/-15	U	30.0	P	06/10/2025	21:08	LB136097
	Copper	4.60	+/-10	U	20.0	P	06/10/2025	21:08	LB136097
	Iron	23.4	+/-50	U	100	P	06/10/2025	21:08	LB136097
	Lead	2.30	+/-6	U	12.0	P	06/10/2025	21:08	LB136097
	Magnesium	244	+/-1000	U	2000	P	06/10/2025	21:08	LB136097
	Manganese	5.94	+/-10	U	20.0	P	06/10/2025	21:08	LB136097
	Nickel	3.06	+/-20	U	40.0	P	06/10/2025	21:08	LB136097
	Potassium	918	+/-1000	U	2000	P	06/10/2025	21:08	LB136097
	Selenium	9.64	+/-10	U	20.0	P	06/10/2025	21:08	LB136097
	Silver	1.62	+/-5	U	10.0	P	06/10/2025	21:08	LB136097
	Sodium	868	+/-1000	U	2000	P	06/10/2025	21:08	LB136097
	Thallium	4.38	+/-20	U	40.0	P	06/10/2025	21:08	LB136097
	Vanadium	6.26	+/-20	U	40.0	P	06/10/2025	21:08	LB136097
	Zinc	16.7	+/-20	U	40.0	P	06/10/2025	21:08	LB136097
CCB08	Aluminum	11.3	+/-50	U	100	P	06/10/2025	22:08	LB136097
	Antimony	6.76	+/-25	U	50.0	P	06/10/2025	22:08	LB136097

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: CDM Smith **SDG No.:** Q2176

Contract: CAMP02 **Lab Code:** CHEM **Case No.:** Q2176 **SAS No.:** Q2176

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB08	Arsenic	5.12	+/-10	U	20.0	P	06/10/2025	22:08	LB136097
	Barium	14.6	+/-50	U	100	P	06/10/2025	22:08	LB136097
	Beryllium	0.56	+/-3	U	6.00	P	06/10/2025	22:08	LB136097
	Cadmium	0.50	+/-3	U	6.00	P	06/10/2025	22:08	LB136097
	Calcium	234	+/-1000	U	2000	P	06/10/2025	22:08	LB136097
	Chromium	2.12	+/-5	U	10.0	P	06/10/2025	22:08	LB136097
	Cobalt	2.26	+/-15	U	30.0	P	06/10/2025	22:08	LB136097
	Copper	4.60	+/-10	U	20.0	P	06/10/2025	22:08	LB136097
	Iron	23.4	+/-50	U	100	P	06/10/2025	22:08	LB136097
	Lead	2.30	+/-6	U	12.0	P	06/10/2025	22:08	LB136097
	Magnesium	244	+/-1000	U	2000	P	06/10/2025	22:08	LB136097
	Manganese	5.94	+/-10	U	20.0	P	06/10/2025	22:08	LB136097
	Nickel	3.06	+/-20	U	40.0	P	06/10/2025	22:08	LB136097
	Potassium	918	+/-1000	U	2000	P	06/10/2025	22:08	LB136097
	Selenium	9.64	+/-10	U	20.0	P	06/10/2025	22:08	LB136097
	Silver	1.62	+/-5	U	10.0	P	06/10/2025	22:08	LB136097
	Sodium	868	+/-1000	U	2000	P	06/10/2025	22:08	LB136097
	Thallium	4.38	+/-20	U	40.0	P	06/10/2025	22:08	LB136097
	Vanadium	6.26	+/-20	U	40.0	P	06/10/2025	22:08	LB136097
	Zinc	16.7	+/-20	U	40.0	P	06/10/2025	22:08	LB136097
CCB09	Aluminum	11.3	+/-50	U	100	P	06/10/2025	23:01	LB136097
	Antimony	6.76	+/-25	U	50.0	P	06/10/2025	23:01	LB136097
	Arsenic	5.12	+/-10	U	20.0	P	06/10/2025	23:01	LB136097
	Barium	14.6	+/-50	U	100	P	06/10/2025	23:01	LB136097
	Beryllium	0.56	+/-3	U	6.00	P	06/10/2025	23:01	LB136097
	Cadmium	0.50	+/-3	U	6.00	P	06/10/2025	23:01	LB136097
	Calcium	234	+/-1000	U	2000	P	06/10/2025	23:01	LB136097
	Chromium	2.12	+/-5	U	10.0	P	06/10/2025	23:01	LB136097
	Cobalt	2.26	+/-15	U	30.0	P	06/10/2025	23:01	LB136097
	Copper	4.60	+/-10	U	20.0	P	06/10/2025	23:01	LB136097
	Iron	23.4	+/-50	U	100	P	06/10/2025	23:01	LB136097
	Lead	2.30	+/-6	U	12.0	P	06/10/2025	23:01	LB136097
	Magnesium	244	+/-1000	U	2000	P	06/10/2025	23:01	LB136097
	Manganese	5.94	+/-10	U	20.0	P	06/10/2025	23:01	LB136097
	Nickel	3.06	+/-20	U	40.0	P	06/10/2025	23:01	LB136097
	Potassium	918	+/-1000	U	2000	P	06/10/2025	23:01	LB136097
	Selenium	9.64	+/-10	U	20.0	P	06/10/2025	23:01	LB136097
	Silver	1.62	+/-5	U	10.0	P	06/10/2025	23:01	LB136097
	Sodium	868	+/-1000	U	2000	P	06/10/2025	23:01	LB136097

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: CDM Smith **SDG No.:** Q2176

Contract: CAMP02 **Lab Code:** CHEM **Case No.:** Q2176 **SAS No.:** Q2176

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB09	Thallium	4.38	+/-20	U	40.0	P	06/10/2025	23:01	LB136097
	Vanadium	6.26	+/-20	U	40.0	P	06/10/2025	23:01	LB136097
	Zinc	16.7	+/-20	U	40.0	P	06/10/2025	23:01	LB136097
CCB10	Aluminum	11.3	+/-50	U	100	P	06/11/2025	00:02	LB136097
	Antimony	6.76	+/-25	U	50.0	P	06/11/2025	00:02	LB136097
	Arsenic	5.12	+/-10	U	20.0	P	06/11/2025	00:02	LB136097
	Barium	14.6	+/-50	U	100	P	06/11/2025	00:02	LB136097
	Beryllium	0.56	+/-3	U	6.00	P	06/11/2025	00:02	LB136097
	Cadmium	0.50	+/-3	U	6.00	P	06/11/2025	00:02	LB136097
	Calcium	234	+/-1000	U	2000	P	06/11/2025	00:02	LB136097
	Chromium	2.12	+/-5	U	10.0	P	06/11/2025	00:02	LB136097
	Cobalt	2.26	+/-15	U	30.0	P	06/11/2025	00:02	LB136097
	Copper	4.60	+/-10	U	20.0	P	06/11/2025	00:02	LB136097
	Iron	23.4	+/-50	U	100	P	06/11/2025	00:02	LB136097
	Lead	2.30	+/-6	U	12.0	P	06/11/2025	00:02	LB136097
	Magnesium	244	+/-1000	U	2000	P	06/11/2025	00:02	LB136097
	Manganese	5.94	+/-10	U	20.0	P	06/11/2025	00:02	LB136097
	Nickel	3.06	+/-20	U	40.0	P	06/11/2025	00:02	LB136097
	Potassium	918	+/-1000	U	2000	P	06/11/2025	00:02	LB136097
	Selenium	9.64	+/-10	U	20.0	P	06/11/2025	00:02	LB136097
	Silver	1.62	+/-5	U	10.0	P	06/11/2025	00:02	LB136097
	Sodium	868	+/-1000	U	2000	P	06/11/2025	00:02	LB136097
	Thallium	4.38	+/-20	U	40.0	P	06/11/2025	00:02	LB136097
	Vanadium	6.26	+/-20	U	40.0	P	06/11/2025	00:02	LB136097
	Zinc	16.7	+/-20	U	40.0	P	06/11/2025	00:02	LB136097
CCB11	Aluminum	11.3	+/-50	U	100	P	06/11/2025	01:39	LB136097
	Antimony	6.76	+/-25	U	50.0	P	06/11/2025	01:39	LB136097
	Arsenic	5.12	+/-10	U	20.0	P	06/11/2025	01:39	LB136097
	Barium	14.6	+/-50	U	100	P	06/11/2025	01:39	LB136097
	Beryllium	0.56	+/-3	U	6.00	P	06/11/2025	01:39	LB136097
	Cadmium	0.50	+/-3	U	6.00	P	06/11/2025	01:39	LB136097
	Calcium	234	+/-1000	U	2000	P	06/11/2025	01:39	LB136097
	Chromium	2.12	+/-5	U	10.0	P	06/11/2025	01:39	LB136097
	Cobalt	2.26	+/-15	U	30.0	P	06/11/2025	01:39	LB136097
	Copper	4.60	+/-10	U	20.0	P	06/11/2025	01:39	LB136097
	Iron	23.4	+/-50	U	100	P	06/11/2025	01:39	LB136097
	Lead	2.30	+/-6	U	12.0	P	06/11/2025	01:39	LB136097
	Magnesium	244	+/-1000	U	2000	P	06/11/2025	01:39	LB136097
	Manganese	5.94	+/-10	U	20.0	P	06/11/2025	01:39	LB136097

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: CDM Smith **SDG No.:** Q2176

Contract: CAMP02 **Lab Code:** CHEM **Case No.:** Q2176 **SAS No.:** Q2176

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB11	Nickel	3.06	+/-20	U	40.0	P	06/11/2025	01:39	LB136097
	Potassium	918	+/-1000	U	2000	P	06/11/2025	01:39	LB136097
	Selenium	9.64	+/-10	U	20.0	P	06/11/2025	01:39	LB136097
	Silver	1.62	+/-5	U	10.0	P	06/11/2025	01:39	LB136097
	Sodium	868	+/-1000	U	2000	P	06/11/2025	01:39	LB136097
	Thallium	4.38	+/-20	U	40.0	P	06/11/2025	01:39	LB136097
	Vanadium	6.26	+/-20	U	40.0	P	06/11/2025	01:39	LB136097
	Zinc	16.7	+/-20	U	40.0	P	06/11/2025	01:39	LB136097
CCB12	Aluminum	11.3	+/-50	U	100	P	06/11/2025	02:25	LB136097
	Antimony	6.76	+/-25	U	50.0	P	06/11/2025	02:25	LB136097
	Arsenic	5.12	+/-10	U	20.0	P	06/11/2025	02:25	LB136097
	Barium	14.6	+/-50	U	100	P	06/11/2025	02:25	LB136097
	Beryllium	0.56	+/-3	U	6.00	P	06/11/2025	02:25	LB136097
	Cadmium	0.50	+/-3	U	6.00	P	06/11/2025	02:25	LB136097
	Calcium	234	+/-1000	U	2000	P	06/11/2025	02:25	LB136097
	Chromium	2.12	+/-5	U	10.0	P	06/11/2025	02:25	LB136097
	Cobalt	2.26	+/-15	U	30.0	P	06/11/2025	02:25	LB136097
	Copper	4.60	+/-10	U	20.0	P	06/11/2025	02:25	LB136097
	Iron	23.4	+/-50	U	100	P	06/11/2025	02:25	LB136097
	Lead	2.30	+/-6	U	12.0	P	06/11/2025	02:25	LB136097
	Magnesium	244	+/-1000	U	2000	P	06/11/2025	02:25	LB136097
	Manganese	5.94	+/-10	U	20.0	P	06/11/2025	02:25	LB136097
	Nickel	3.06	+/-20	U	40.0	P	06/11/2025	02:25	LB136097
	Potassium	918	+/-1000	U	2000	P	06/11/2025	02:25	LB136097
	Selenium	9.64	+/-10	U	20.0	P	06/11/2025	02:25	LB136097
	Silver	1.62	+/-5	U	10.0	P	06/11/2025	02:25	LB136097
	Sodium	868	+/-1000	U	2000	P	06/11/2025	02:25	LB136097
	Thallium	4.38	+/-20	U	40.0	P	06/11/2025	02:25	LB136097
	Vanadium	6.26	+/-20	U	40.0	P	06/11/2025	02:25	LB136097
	Zinc	16.7	+/-20	U	40.0	P	06/11/2025	02:25	LB136097

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Metals
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PREPARATION BLANK SUMMARY

Client: CDM Smith **SDG No.:** Q2176

Instrument: CV1

Sample ID	Analyte	Result (mg/Kg)	Acceptance Limit	Conc Qual	CRQL mg/Kg	M	Analysis Date	Analysis Time	Run
PB168249BL		**SOLID**		**Batch Number:**	**PB168249**		**Prep Date:**	**06/02/2025**	
	Mercury	0.0070	<0.013	U	0.013	CV	06/03/2025	13:53	LB135987

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Metals
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PREPARATION BLANK SUMMARY

Client: CDM Smith **SDG No.:** Q2176

Instrument: P4

Sample ID	Analyte	Result (mg/Kg)	Acceptance Limit	Conc Qual	CRQL mg/Kg	M	Analysis Date	Analysis Time	Run
PB168245BL		**SOLID**		**Batch Number:**	**PB168245**		**Prep Date:**	**06/02/2025**	
	Aluminum	0.84	<2.5	U	5.00	P	06/10/2025	20:35	LB136097
	Antimony	0.22	<1.25	U	2.50	P	06/10/2025	20:35	LB136097
	Arsenic	0.19	<0.5	U	1.00	P	06/10/2025	20:35	LB136097
	Barium	0.73	<2.5	U	5.00	P	06/10/2025	20:35	LB136097
	Beryllium	0.025	<0.15	U	0.30	P	06/10/2025	20:35	LB136097
	Cadmium	0.024	<0.15	U	0.30	P	06/10/2025	20:35	LB136097
	Calcium	11.1	<50	U	100	P	06/10/2025	20:35	LB136097
	Chromium	0.047	<0.25	U	0.50	P	06/10/2025	20:35	LB136097
	Cobalt	0.10	<0.75	U	1.50	P	06/10/2025	20:35	LB136097
	Copper	0.22	<0.5	U	1.00	P	06/10/2025	20:35	LB136097
	Iron	3.99	<2.5	U	5.00	P	06/10/2025	20:35	LB136097
	Lead	0.13	<0.3	U	0.60	P	06/10/2025	20:35	LB136097
	Magnesium	12.0	<50	U	100	P	06/10/2025	20:35	LB136097
	Manganese	0.14	<0.5	U	1.00	P	06/10/2025	20:35	LB136097
	Nickel	0.13	<1	U	2.00	P	06/10/2025	20:35	LB136097
	Potassium	27.7	<50	U	100	P	06/10/2025	20:35	LB136097
	Selenium	0.26	<0.5	U	1.00	P	06/10/2025	20:35	LB136097
	Silver	0.12	<0.25	U	0.50	P	06/10/2025	20:35	LB136097
	Sodium	17.8	<50	U	100	P	06/10/2025	20:35	LB136097
	Thallium	0.23	<1	U	2.00	P	06/10/2025	20:35	LB136097
	Vanadium	0.25	<1	U	2.00	P	06/10/2025	20:35	LB136097
	Zinc	0.23	<1	U	2.00	P	06/10/2025	20:35	LB136097

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Metals
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INTERFERENCE CHECK SAMPLE

Client: CDM Smith **SDG No.:** Q2176

Contract: CAMP02 **Lab Code:** CHEM **Case No.:** Q2176 **SAS No.:** Q2176

ICS Source: EPA **Instrument ID:** P4

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSA01	Aluminum	256000	255000	100	216000	294000	06/10/2025	14:54	LB136097
	Antimony	-2.43			-50	50	06/10/2025	14:54	LB136097
	Arsenic	8.34			-20	20	06/10/2025	14:54	LB136097
	Barium	2.84	6.0	47	-94	106	06/10/2025	14:54	LB136097
	Beryllium	1.10			-6	6	06/10/2025	14:54	LB136097
	Cadmium	4.20	1.0	420	-5	7	06/10/2025	14:54	LB136097
	Calcium	239000	245000	98	208000	282000	06/10/2025	14:54	LB136097
	Chromium	47.4	52.0	91	42	62	06/10/2025	14:54	LB136097
	Cobalt	1.54			-30	30	06/10/2025	14:54	LB136097
	Copper	3.36	2.0	168	-18	22	06/10/2025	14:54	LB136097
	Iron	97000	101000	96	85600	116500	06/10/2025	14:54	LB136097
	Lead	-3.62			-12	12	06/10/2025	14:54	LB136097
	Magnesium	261000	255000	102	216000	294000	06/10/2025	14:54	LB136097
	Manganese	0.37	7.0	5	-13	27	06/10/2025	14:54	LB136097
	Nickel	2.57	2.0	128	-38	42	06/10/2025	14:54	LB136097
	Potassium	-7.55			0	0	06/10/2025	14:54	LB136097
	Selenium	-3.79			-20	20	06/10/2025	14:54	LB136097
	Silver	-2.86			-10	10	06/10/2025	14:54	LB136097
	Sodium	-38.2			0	0	06/10/2025	14:54	LB136097
	Thallium	-8.11			-40	40	06/10/2025	14:54	LB136097
	Vanadium	2.60			-40	40	06/10/2025	14:54	LB136097
	Zinc	6.32			-40	40	06/10/2025	14:54	LB136097
ICSAB01	Aluminum	245000	247000	99	209000	285000	06/10/2025	15:18	LB136097
	Antimony	633	618	102	525	711	06/10/2025	15:18	LB136097
	Arsenic	112	104	108	88.4	120	06/10/2025	15:18	LB136097
	Barium	510	537	95	437	637	06/10/2025	15:18	LB136097
	Beryllium	485	495	98	420	570	06/10/2025	15:18	LB136097
	Cadmium	1010	972	104	826	1120	06/10/2025	15:18	LB136097
	Calcium	230000	235000	98	199000	271000	06/10/2025	15:18	LB136097
	Chromium	549	542	101	460	624	06/10/2025	15:18	LB136097
	Cobalt	508	476	107	404	548	06/10/2025	15:18	LB136097
	Copper	496	511	97	434	588	06/10/2025	15:18	LB136097
	Iron	99000	99300	100	84400	114500	06/10/2025	15:18	LB136097
	Lead	43.7	49.0	89	37	61	06/10/2025	15:18	LB136097
	Magnesium	248000	248000	100	210000	286000	06/10/2025	15:18	LB136097
	Manganese	485	507	96	430	584	06/10/2025	15:18	LB136097
	Nickel	999	954	105	810	1100	06/10/2025	15:18	LB136097
	Potassium	-8.47			0	0	06/10/2025	15:18	LB136097
	Selenium	55.8	46.0	121	26	66	06/10/2025	15:18	LB136097
	Silver	193	201	96	170	232	06/10/2025	15:18	LB136097
	Sodium	-49.9			0	0	06/10/2025	15:18	LB136097
	Thallium	92.5	108	86	68	148	06/10/2025	15:18	LB136097

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Metals
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INTERFERENCE CHECK SAMPLE

Client: CDM Smith **SDG No.:** Q2176

Contract: CAMP02 **Lab Code:** CHEM **Case No.:** Q2176 **SAS No.:** Q2176

ICS Source: EPA **Instrument ID:** P4

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSAB01	Vanadium	489	491	100	417	565	06/10/2025	15:18	LB136097
	Zinc	1070	952	112	809	1095	06/10/2025	15:18	LB136097

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MATRIX SPIKE SUMMARY

client: CDM Smith **level:** low **sdg no.:** Q2176

contract: CAMP02 **lab code:** CHEM **case no.:** Q2176 **sas no.:** Q2176

matrix: Solid **sample id:** Q2176-08 **client id:** TP-65MS

Percent Solids for Sample: 87.3 **Spiked ID:** Q2176-08MS **Percent Solids for Spike Sample:** 87.3

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 120	0.27		0.011	J	0.3	87		CV

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metals
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MATRIX SPIKE DUPLICATE SUMMARY

client: CDM Smith **level:** low **sdg no.:** Q2176

contract: CAMP02 **lab code:** CHEM **case no.:** Q2176 **sas no.:** Q2176

matrix: Solid **sample id:** Q2176-08 **client id:** TP-65MSD

Percent Solids for Sample: 87.3 **Spiked ID:** Q2176-08MSD **Percent Solids for Spike Sample:** 87.3

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 120	0.29		0.011	J	0.29	95		CV

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metals
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MATRIX SPIKE SUMMARY

client: CDM Smith **level:** low **sdg no.:** Q2176

contract: CAMP02 **lab code:** CHEM **case no.:** Q2176 **sas no.:** Q2176

matrix: Solid **sample id:** Q2177-04 **client id:** B-187-SB02MS

Percent Solids for Sample: 62.8 **Spiked ID:** Q2177-04MS **Percent Solids for Spike Sample:** 62.8

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	75 - 125	7400		5970		140	1023		P
Antimony	mg/Kg	75 - 125	22.4		3.76	U	54.4	41	N	P
Arsenic	mg/Kg	75 - 125	53.0		1.00	J	54.4	96		P
Barium	mg/Kg	75 - 125	19.0		5.38	J	13.6	100		P
Beryllium	mg/Kg	75 - 125	13.9		0.29	J	13.6	100		P
Cadmium	mg/Kg	75 - 125	13.9		0.19	J	13.6	101		P
Calcium	mg/Kg	75 - 125	586		427		68.0	234		P
Chromium	mg/Kg	75 - 125	36.3		8.68		27.2	102		P
Cobalt	mg/Kg	75 - 125	17.8		3.45		13.6	105		P
Copper	mg/Kg	75 - 125	27.0		6.86		20.4	99		P
Iron	mg/Kg	75 - 125	10500		9960		200	266		P
Lead	mg/Kg	75 - 125	69.1		4.48		68.0	95		P
Magnesium	mg/Kg	75 - 125	1940		1580		140	254		P
Manganese	mg/Kg	75 - 125	82.6		65.9		13.6	123		P
Nickel	mg/Kg	75 - 125	43.6		8.35		34.0	104		P
Potassium	mg/Kg	75 - 125	979		356		680	92		P
Selenium	mg/Kg	75 - 125	125		1.50	U	140	89		P
Silver	mg/Kg	75 - 125	4.82		0.75	U	5.1	94		P
Sodium	mg/Kg	75 - 125	572		357		200	108		P
Thallium	mg/Kg	75 - 125	125		3.00	U	140	89		P
Vanadium	mg/Kg	75 - 125	30.8		9.88		20.4	103		P
Zinc	mg/Kg	75 - 125	35.5		19.9		13.6	115		P

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metals
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MATRIX SPIKE DUPLICATE SUMMARY

client: CDM Smith **level:** low **sdg no.:** Q2176

contract: CAMP02 **lab code:** CHEM **case no.:** Q2176 **sas no.:** Q2176

matrix: Solid **sample id:** Q2177-04 **client id:** B-187-SB02MSD

Percent Solids for Sample: 62.8 **Spiked ID:** Q2177-04MSD **Percent Solids for Spike Sample:** 62.8

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	75 - 125	9640		5970		150	2448		P
Antimony	mg/Kg	75 - 125	21.9		3.76	U	58.4	38	N	P
Arsenic	mg/Kg	75 - 125	57.8		1.00	J	58.4	97		P
Barium	mg/Kg	75 - 125	23.7		5.38	J	14.6	126	N	P
Beryllium	mg/Kg	75 - 125	14.3		0.29	J	14.6	96		P
Cadmium	mg/Kg	75 - 125	15.0		0.19	J	14.6	102		P
Calcium	mg/Kg	75 - 125	868		427		73.0	604		P
Chromium	mg/Kg	75 - 125	41.4		8.68		29.2	112		P
Cobalt	mg/Kg	75 - 125	20.1		3.45		14.6	114		P
Copper	mg/Kg	75 - 125	31.2		6.86		21.9	111		P
Iron	mg/Kg	75 - 125	13600		9960		220	1676		P
Lead	mg/Kg	75 - 125	77.2		4.48		73.0	100		P
Magnesium	mg/Kg	75 - 125	2430		1580		150	565		P
Manganese	mg/Kg	75 - 125	98.2		65.9		14.6	221		P
Nickel	mg/Kg	75 - 125	49.4		8.35		36.5	113		P
Potassium	mg/Kg	75 - 125	1250		356		730	123		P
Selenium	mg/Kg	75 - 125	136		1.50	U	150	91		P
Silver	mg/Kg	75 - 125	5.46		0.75	U	5.5	99		P
Sodium	mg/Kg	75 - 125	789		357		220	196	N	P
Thallium	mg/Kg	75 - 125	136		3.00	U	150	91		P
Vanadium	mg/Kg	75 - 125	37.2		9.88		21.9	125		P
Zinc	mg/Kg	75 - 125	43.4		19.9		14.6	161	N	P

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Metals
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POST DIGEST SPIKE SUMMARY

Client: CDM Smith **SDG No.:** Q2176

Contract: CAMP02 **Lab Code:** CHEM **Case No.:** Q2176 **SAS No.:** Q2176

Matrix: Solid **Level:** LOW **Client ID:** B-187-SB02A

Sample ID: Q2177-04 **Spiked ID:** Q2177-04A

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Antimony	mg/Kg	75 - 125	57.7		3.76	U	60.1	96		P
Barium	mg/Kg	75 - 125	19.7		5.38	J	15.0	95		P
Sodium	mg/Kg	75 - 125	565		357		230	91		P
Zinc	mg/Kg	75 - 125	34.6		19.9		15.0	98		P

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Metals

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DUPLICATE SAMPLE SUMMARY

Client: CDM Smith **Level:** LOW **SDG No.:** Q2176

Contract: CAMP02 **Lab Code:** CHEM **Case No.:** Q2176 **SAS No.:** Q2176

Matrix: Solid **Sample ID:** Q2176-08 **Client ID:** TP-65DUP

Percent Solids for Sample: 87.3 **Duplicate ID** Q2176-08DUP **Percent Solids for Spike Sample:** 87.3

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	mg/Kg	20	0.011	J	0.010	J	10		CV

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

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Metals

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DUPLICATE SAMPLE SUMMARY

Client: CDM Smith **Level:** LOW **SDG No.:** Q2176

Contract: CAMP02 **Lab Code:** CHEM **Case No.:** Q2176 **SAS No.:** Q2176

Matrix: Solid **Sample ID:** Q2176-08MS **Client ID:** TP-65MSD

Percent Solids for Sample: 87.3 **Duplicate ID** Q2176-08MSD **Percent Solids for Spike Sample:** 87.3

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	mg/Kg	20	0.27		0.29		5		CV

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

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DUPLICATE SAMPLE SUMMARY

Client: CDM Smith **Level:** LOW **SDG No.:** Q2176

Contract: CAMP02 **Lab Code:** CHEM **Case No.:** Q2176 **SAS No.:** Q2176

Matrix: Solid **Sample ID:** Q2177-04 **Client ID:** B-187-SB02DUP

Percent Solids for Sample: 62.8 **Duplicate ID** Q2177-04DUP **Percent Solids for Spike Sample:** 62.8

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	mg/Kg	20	5970		5850		2		P
Antimony	mg/Kg	20	3.76	U	3.59	U			P
Arsenic	mg/Kg	20	1.00	J	0.84	J	18		P
Barium	mg/Kg	20	5.38	J	5.76	J	7		P
Beryllium	mg/Kg	20	0.29	J	0.29	J	2		P
Cadmium	mg/Kg	20	0.19	J	0.19	J	4		P
Calcium	mg/Kg	20	427		426		0		P
Chromium	mg/Kg	20	8.68		8.54		2		P
Cobalt	mg/Kg	20	3.45		3.40		1		P
Copper	mg/Kg	20	6.86		6.63		3		P
Iron	mg/Kg	20	9960		9540		4		P
Lead	mg/Kg	20	4.48		4.45		1		P
Magnesium	mg/Kg	20	1580		1560		1		P
Manganese	mg/Kg	20	65.9		64.5		2		P
Nickel	mg/Kg	20	8.35		8.09		3		P
Potassium	mg/Kg	20	356		357		0		P
Selenium	mg/Kg	20	1.50	U	1.43	U			P
Silver	mg/Kg	20	0.75	U	0.72	U			P
Sodium	mg/Kg	20	357		342		4		P
Thallium	mg/Kg	20	3.00	U	2.87	U			P
Vanadium	mg/Kg	20	9.88		9.91		0		P
Zinc	mg/Kg	20	19.9		19.3		3		P

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

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DUPLICATE SAMPLE SUMMARY

Client: CDM Smith **Level:** LOW **SDG No.:** Q2176

Contract: CAMP02 **Lab Code:** CHEM **Case No.:** Q2176 **SAS No.:** Q2176

Matrix: Solid **Sample ID:** Q2177-04MS **Client ID:** B-187-SB02MSD

Percent Solids for Sample: 62.8 **Duplicate ID** Q2177-04MSD **Percent Solids for Spike Sample:** 62.8

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	mg/Kg	20	7400		9640		26	*	P
Antimony	mg/Kg	20	22.4		21.9		2		P
Arsenic	mg/Kg	20	53.0		57.8		9		P
Barium	mg/Kg	20	19.0		23.7		22	*	P
Beryllium	mg/Kg	20	13.9		14.3		3		P
Cadmium	mg/Kg	20	13.9		15.0		8		P
Calcium	mg/Kg	20	586		868		39	*	P
Chromium	mg/Kg	20	36.3		41.4		13		P
Cobalt	mg/Kg	20	17.8		20.1		12		P
Copper	mg/Kg	20	27.0		31.2		14		P
Iron	mg/Kg	20	10500		13600		26	*	P
Lead	mg/Kg	20	69.1		77.2		11		P
Magnesium	mg/Kg	20	1940		2430		22	*	P
Manganese	mg/Kg	20	82.6		98.2		17		P
Nickel	mg/Kg	20	43.6		49.4		12		P
Potassium	mg/Kg	20	979		1250		24	*	P
Selenium	mg/Kg	20	125		136		8		P
Silver	mg/Kg	20	4.82		5.46		12		P
Sodium	mg/Kg	20	572		789		32	*	P
Thallium	mg/Kg	20	125		136		8		P
Vanadium	mg/Kg	20	30.8		37.2		19		P
Zinc	mg/Kg	20	35.5		43.4		20		P

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

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LABORATORY CONTROL SAMPLE SUMMARY

Client: CDM Smith **SDG No.:** Q2176

Contract: CAMP02 **Lab Code:** CHEM **Case No.:** Q2176 **SAS No.:** Q2176

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB168245BS							
Aluminum	mg/Kg	100	101		101	80 - 120	P
Antimony	mg/Kg	40.0	41.7		104	80 - 120	P
Arsenic	mg/Kg	40.0	41.4		104	80 - 120	P
Barium	mg/Kg	10.0	9.63		96	80 - 120	P
Beryllium	mg/Kg	10.0	11.0		110	80 - 120	P
Cadmium	mg/Kg	10.0	10.4		104	80 - 120	P
Calcium	mg/Kg	50.0	52.8	J	106	80 - 120	P
Chromium	mg/Kg	20.0	21.5		108	80 - 120	P
Cobalt	mg/Kg	10.0	10.5		105	80 - 120	P
Copper	mg/Kg	15.0	16.2		108	80 - 120	P
Iron	mg/Kg	150	149		99	80 - 120	P
Lead	mg/Kg	50.0	51.5		103	80 - 120	P
Magnesium	mg/Kg	100	101		101	80 - 120	P
Manganese	mg/Kg	10.0	10.4		104	80 - 120	P
Nickel	mg/Kg	25.0	26.3		105	80 - 120	P
Potassium	mg/Kg	500	454		91	80 - 120	P
Selenium	mg/Kg	100	105		105	80 - 120	P
Silver	mg/Kg	3.8	3.94		104	80 - 120	P
Sodium	mg/Kg	150	127		85	80 - 120	P
Thallium	mg/Kg	100	104		104	80 - 120	P
Vanadium	mg/Kg	15.0	15.4		103	80 - 120	P
Zinc	mg/Kg	10.0	10.9		109	80 - 120	P

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LABORATORY CONTROL SAMPLE SUMMARY

Client: CDM Smith **SDG No.:** Q2176

Contract: CAMP02 **Lab Code:** CHEM **Case No.:** Q2176 **SAS No.:** Q2176

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB168249BS							
Mercury	mg/Kg	0.27	0.27		100	80 - 120	CV

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ICP SERIAL DILUTIONS

SAMPLE NO.

TP-65L

Lab Name: Chemtech Consulting Group **Contract:** CAMP02

Lab Code: CHEM **Lb No.:** lb135987 **Lab Sample ID :** Q2176-08L **SDG No.:** Q2176

Matrix (soil/water): Solid **Level (low/med):** LOW

Concentration Units: mg/Kg

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	M
Mercury	0.011	J	0.072	U	100.0		CV

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ICP SERIAL DILUTIONS

SAMPLE NO.

B-187-SB02L

Lab Name: Chemtech Consulting Group **Contract:** CAMP02

Lab Code: CHEM **Lb No.:** lb136097 **Lab Sample ID :** Q2177-04L **SDG No.:** Q2176

Matrix (soil/water): Solid **Level (low/med):** LOW

Concentration Units: mg/Kg

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	M
Aluminum	5970		5860		2		P
Antimony	3.76	U	18.8	U			P
Arsenic	1.00	J	1.52	J	51		P
Barium	5.38	J	37.6	U	100.0		P
Beryllium	0.29	J	0.28	J	5		P
Cadmium	0.19	J	2.25	U	100.0		P
Calcium	427		429	J	1		P
Chromium	8.68		8.81		2		P
Cobalt	3.45		3.39	J	2		P
Copper	6.86		6.98	J	2		P
Iron	9960		10400		4		P
Lead	4.48		4.59		2		P
Magnesium	1580		1570		0		P
Manganese	65.9		67.2		2		P
Nickel	8.35		8.04	J	4		P
Potassium	356		340	J	4		P
Selenium	1.50	U	7.51	U			P
Silver	0.75	U	3.76	U			P
Sodium	357		326	J	9		P
Thallium	3.00	U	15.0	U			P
Vanadium	9.88		9.71	J	2		P
Zinc	19.9		19.8		1		P

METAL PREPARATION & INSTRUMENT DATA

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Metals
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ICP INTERELEMENT CORRECTION FACTORS

Client: CDM Smith **SDG No.:** Q2176

Contract: CAMP02 **Lab Code:** CHEM **Case No.:** Q2176 **SAS No.:** Q2176

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: Al	Ca	Fe	Mg	Ag
Aluminum	396.100	0.0000000	-0.0002060	0.0000000	0.0000000	0.0000000
Antimony	206.833	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	0.0000000	0.0000000	-0.0000440	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000930	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	-0.0075970	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0000000	0.0007850	0.0000000	0.0000000
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	-0.0000920	0.0000000	0.0000380	0.0000000	0.0000000
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	-0.0001440	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	-0.0001490	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0001050	0.0000000	0.0000000

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Metals
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ICP INTERELEMENT CORRECTION FACTORS

Client: CDM Smith **SDG No.:** Q2176

Contract: CAMP02 **Lab Code:** CHEM **Case No.:** Q2176 **SAS No.:** Q2176

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: As	Ba	Be	Cd	Co
Aluminum	396.100	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.833	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0002870
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0000000	0.0000000	0.0000000	0.0009530
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	-0.0039600
Lead	220.353	0.0000000	0.0003170	0.0000000	0.0000000	0.0000000
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0000000	-0.0003570
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0000000	0.0054900
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

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Metals
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ICP INTERELEMENT CORRECTION FACTORS

Client: CDM Smith **SDG No.:** Q2176

Contract: CAMP02 **Lab Code:** CHEM **Case No.:** Q2176 **SAS No.:** Q2176

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: Cr	Cu	K	Mn	Mo
Aluminum	396.100	0.0000000	0.0000000	0.0000590	0.0000000	0.0396900
Antimony	206.833	0.0122000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	-0.0029000	0.0000000	0.0000000	0.0000000	0.0004900
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	-0.0000710	-0.0003400
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000070	0.0002200	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	-0.0007860
Copper	224.700	0.0000000	0.0000000	0.0000000	0.0006510	0.0020500
Iron	240.488	0.0000000	0.0000000	0.0000730	0.0000000	-0.0015250
Lead	220.353	0.0000000	0.0000000	0.0000000	0.0001400	-0.0008600
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0007460	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	-0.0000120
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0017400	-0.0100400
Vanadium	292.402	-0.0025100	0.0000000	0.0000000	0.0000000	-0.0072000
Zinc	213.800	0.0000000	0.0009010	0.0000000	0.0000000	0.0000000

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ICP INTERELEMENT CORRECTION FACTORS

Client: CDM Smith **SDG No.:** Q2176

Contract: CAMP02 **Lab Code:** CHEM **Case No.:** Q2176 **SAS No.:** Q2176

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: Na	Ni	Pb	Sb	Se
Aluminum	396.100	0.0000000	0.0000000	0.0012800	0.0000000	0.0000000
Antimony	206.833	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	-0.0047000	0.0036100	0.0000000	0.0000000
Iron	240.488	0.0000000	-0.0017000	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	0.0006580	0.0000000	0.0000000	0.0001290
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0003330	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0067600	0.0000000	0.0000000	0.0000000

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ICP INTERELEMENT CORRECTION FACTORS

Client: CDM Smith **SDG No.:** Q2176

Contract: CAMP02 **Lab Code:** CHEM **Case No.:** Q2176 **SAS No.:** Q2176

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: Sn	Ti	Tl	V	Zn
Aluminum	396.100	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.833	-0.0035600	-0.0007970	0.0000000	-0.0018900	0.0000000
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000630	0.0001280	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0001110	0.0000000
Cobalt	228.616	0.0000000	0.0018800	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0003840	0.0000000	0.0000000	0.0000000
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	-0.0003610	0.0000000	0.0000000	0.0000000
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.068	0.0000000	-0.0007420	0.0000000	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	-0.0039700	0.0000000	-0.0115600	0.0000000
Vanadium	292.402	0.0000000	0.0005320	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

METAL PREPARATION & ANALYICAL SUMMARY

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SAMPLE PREPARATION SUMMARY

Client: CDM Smith **SDG No.:** Q2176

Contract: CAMP02 **Lab Code:** CHEM **Method:**

Case No.: Q2176 **SAS No.:** Q2176

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(g)	Final Sample Volume (mL)	Percent Solids
Batch Number:	**PB168245**						
PB168245BL	PB168245BL	MB	SOLID	06/02/2025	2.00	100.0	100.00
PB168245BS	PB168245BS	LCS	SOLID	06/02/2025	2.00	100.0	100.00
Q2176-01	TP-46	SAM	SOLID	06/02/2025	2.46	100.0	83.70
Q2176-02	TP-56	SAM	SOLID	06/02/2025	2.25	100.0	86.20
Q2176-03	TP-25	SAM	SOLID	06/02/2025	2.10	100.0	85.70
Q2176-04	TP-26	SAM	SOLID	06/02/2025	2.48	100.0	85.20
Q2176-05	TP-28	SAM	SOLID	06/02/2025	2.22	100.0	90.50
Q2176-06	TP-27	SAM	SOLID	06/02/2025	2.12	100.0	83.10
Q2176-07	TP-31	SAM	SOLID	06/02/2025	2.15	100.0	86.80
Q2176-08	TP-65	SAM	SOLID	06/02/2025	2.25	100.0	87.30
Q2177-04DUP	B-187-SB02DUP	DUP	SOLID	06/02/2025	2.22	100.0	62.80
Q2177-04MS	B-187-SB02MS	MS	SOLID	06/02/2025	2.34	100.0	62.80
Q2177-04MSD	B-187-SB02MSD	MSD	SOLID	06/02/2025	2.18	100.0	62.80

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SAMPLE PREPARATION SUMMARY

Client: CDM Smith **SDG No.:** Q2176

Contract: CAMP02 **Lab Code:** CHEM **Method:**

Case No.: Q2176 **SAS No.:** Q2176

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(g)	Final Sample Volume (mL)	Percent Solids
Batch Number:	**PB168249**						
PB168249BL	PB168249BL	MB	SOLID	06/02/2025	0.55	35.0	100.00
PB168249BS	PB168249BS	LCS	SOLID	06/02/2025	0.52	35.0	100.00
Q2176-01	TP-46	SAM	SOLID	06/02/2025	0.59	35.0	83.70
Q2176-02	TP-56	SAM	SOLID	06/02/2025	0.52	35.0	86.20
Q2176-03	TP-25	SAM	SOLID	06/02/2025	0.54	35.0	85.70
Q2176-04	TP-26	SAM	SOLID	06/02/2025	0.54	35.0	85.20
Q2176-05	TP-28	SAM	SOLID	06/02/2025	0.55	35.0	90.50
Q2176-06	TP-27	SAM	SOLID	06/02/2025	0.54	35.0	83.10
Q2176-07	TP-31	SAM	SOLID	06/02/2025	0.52	35.0	86.80
Q2176-08	TP-65	SAM	SOLID	06/02/2025	0.56	35.0	87.30
Q2176-08DUP	TP-65DUP	DUP	SOLID	06/02/2025	0.58	35.0	87.30
Q2176-08MS	TP-65MS	MS	SOLID	06/02/2025	0.54	35.0	87.30
Q2176-08MSD	TP-65MSD	MSD	SOLID	06/02/2025	0.56	35.0	87.30

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ANALYSIS RUN LOG

Client: CDM Smith **Contract:** CAMP02

Lab code: CHEM **Case no.:** Q2176 **Sas no.:** Q2176 **Sdg no.:** Q2176

Instrument id number: **Method:** **Run number:** LB135987

Start date: 06/03/2025 **End date:** 06/03/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1229	HG
S0.2	S0.2	1	1231	HG
S2.5	S2.5	1	1233	HG
S5	S5	1	1236	HG
S7.5	S7.5	1	1238	HG
S10	S10	1	1240	HG
ICV25	ICV25	1	1243	HG
ICB25	ICB25	1	1246	HG
CCV90	CCV90	1	1248	HG
CCB90	CCB90	1	1250	HG
CRA	CRA	1	1252	HG
CCV91	CCV91	1	1320	HG
CCB91	CCB91	1	1322	HG
CCV92	CCV92	1	1348	HG
CCB92	CCB92	1	1351	HG
PB168249BL	PB168249BL	1	1353	HG
PB168249BS	PB168249BS	1	1355	HG
Q2176-01	TP-46	1	1400	HG
Q2176-02	TP-56	1	1402	HG
Q2176-03	TP-25	1	1404	HG
Q2176-04	TP-26	1	1407	HG
Q2176-05	TP-28	1	1409	HG
Q2176-06	TP-27	1	1411	HG
Q2176-07	TP-31	1	1413	HG
CCV93	CCV93	1	1416	HG
CCB93	CCB93	1	1418	HG
Q2176-08	TP-65	1	1425	HG
Q2176-08DUP	TP-65DUP	1	1427	HG
Q2176-08MS	TP-65MS	1	1430	HG
Q2176-08MSD	TP-65MSD	1	1432	HG
CCV94	CCV94	1	1448	HG
CCB94	CCB94	1	1451	HG
Q2176-08L	TP-65L	5	1457	HG
CCV95	CCV95	1	1502	HG
CCB95	CCB95	1	1504	HG

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ANALYSIS RUN LOG

Client: CDM Smith **Contract:** CAMP02

Lab code: CHEM **Case no.:** Q2176 **Sas no.:** Q2176 **Sdg no.:** Q2176

Instrument id number: **Method:** **Run number:** LB136097

Start date: 06/10/2025 **End date:** 06/11/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1401	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S1	S1	1	1405	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S2	S2	1	1409	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S3	S3	1	1414	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S4	S4	1	1418	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S5	S5	1	1422	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICV01	ICV01	1	1437	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
LLICV01	LLICV01	1	1441	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICB01	ICB01	1	1445	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CRI01	CRI01	1	1450	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSA01	ICSA01	1	1454	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSAB01	ICSAB01	1	1518	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV01	CCV01	1	1530	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB01	CCB01	1	1535	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV02	CCV02	1	1628	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB02	CCB02	1	1632	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV03	CCV03	1	1736	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB03	CCB03	1	1740	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV04	CCV04	1	1828	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB04	CCB04	1	1832	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV05	CCV05	1	1918	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB05	CCB05	1	1922	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV06	CCV06	1	2009	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB06	CCB06	1	2014	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB168245BL	PB168245BL	1	2035	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB168245BS	PB168245BS	1	2039	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2176-01	TP-46	1	2043	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2176-02	TP-56	1	2047	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2176-03	TP-25	1	2051	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2176-04	TP-26	1	2055	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2176-05	TP-28	1	2100	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV07	CCV07	1	2104	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB07	CCB07	1	2108	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2176-06	TP-27	1	2112	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2176-07	TP-31	1	2116	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2176-08	TP-65	1	2132	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2177-04DUP	B-187-SB02DUP	1	2144	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2177-04L	B-187-SB02L	5	2148	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2177-04MS	B-187-SB02MS	1	2152	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2177-04MSD	B-187-SB02MSD	1	2156	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2177-04A	B-187-SB02A	1	2200	Ba,Na,Sb,Zn

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

metals
- 14 -
ANALYSIS RUN LOG

Client: CDM Smith **Contract:** CAMP02

Lab code: CHEM **Case no.:** Q2176 **Sas no.:** Q2176 **Sdg no.:** Q2176

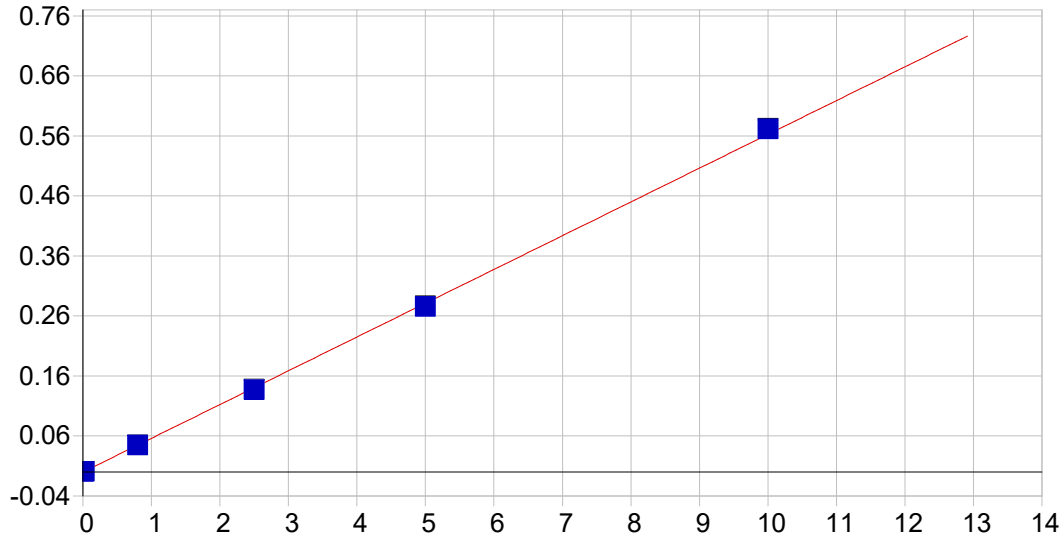
Instrument id number: **Method:** **Run number:** LB136097

Start date: 06/10/2025 **End date:** 06/11/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
CCV08	CCV08	1	2204	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB08	CCB08	1	2208	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV09	CCV09	1	2256	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB09	CCB09	1	2301	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV10	CCV10	1	2357	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB10	CCB10	1	0002	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV11	CCV11	1	0135	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB11	CCB11	1	0139	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV12	CCV12	1	0221	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB12	CCB12	1	0225	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn

METAL
RAW DATA

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097



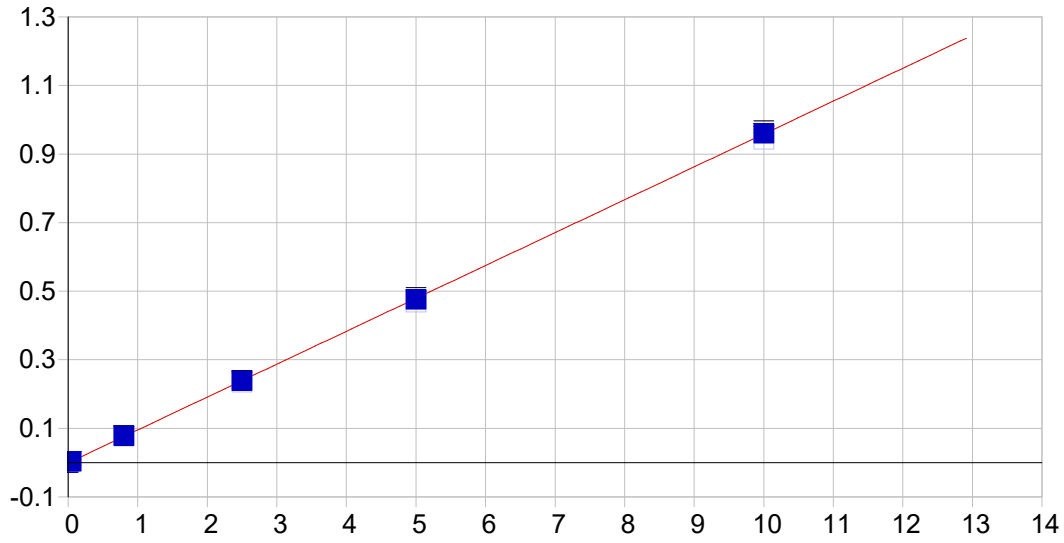
As 189.042 {479}

Date of Fit:	6/10/2025 14:26:39	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000192	Re-Slope:	1.000000
A1 (Gain):	0.056276	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999834	Status:	OK.
Std Error of Est:	0.000024		
Predicted MDL:	0.002312		
Predicted MQL:	0.007708		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00019	.000	1
S1	.02000	.02207	.002	10.3	.00104	.000	1
S3	2.5000	2.4395	-.060	-2.42	.13694	.001	1
S4	5.0000	4.9028	-.097	-1.94	.27541	.001	1
S5	10.000	10.158	.158	1.58	.57085	.001	1
S2	.80000	.79760	-.002	-.300	.04464	.000	1

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097



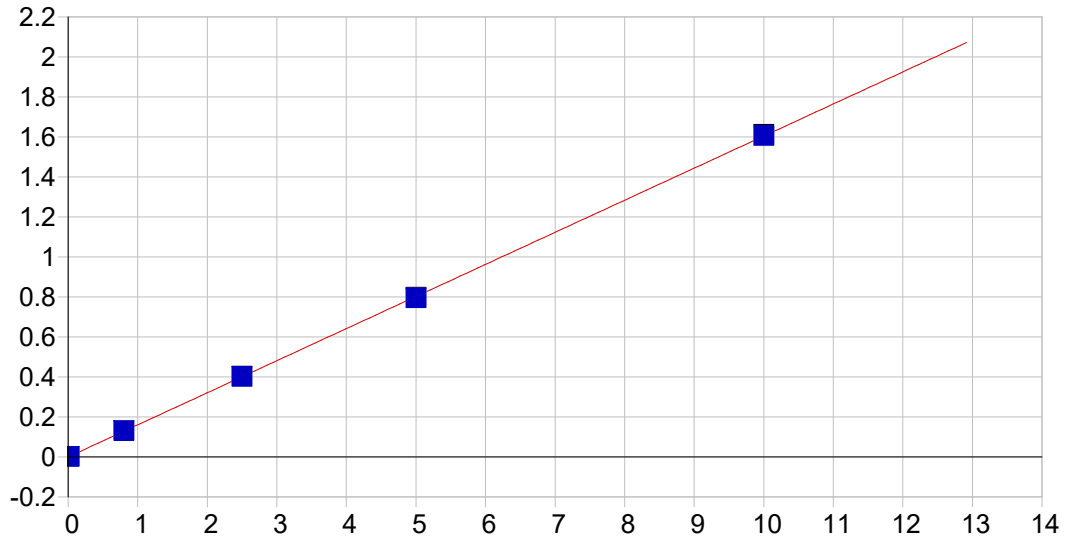
Tl 190.856 {477}

Date of Fit:	6/10/2025 14:26:39	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000528	Re-Slope:	1.000000
A1 (Gain):	0.095900	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999984	Status:	OK.
Std Error of Est:	0.000018		
Predicted MDL:	0.001727		
Predicted MQL:	0.005755		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00053	.000	1
S1	.04000	.04102	.001	2.54	.00316	.000	1
S3	2.5000	2.4967	-.003	-.133	.23450	.001	1
S4	5.0000	4.9713	-.029	-.573	.46741	.005	1
S5	10.000	10.014	.014	.141	.94220	.008	1
S2	.80000	.81696	.017	2.12	.07641	.001	1

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097



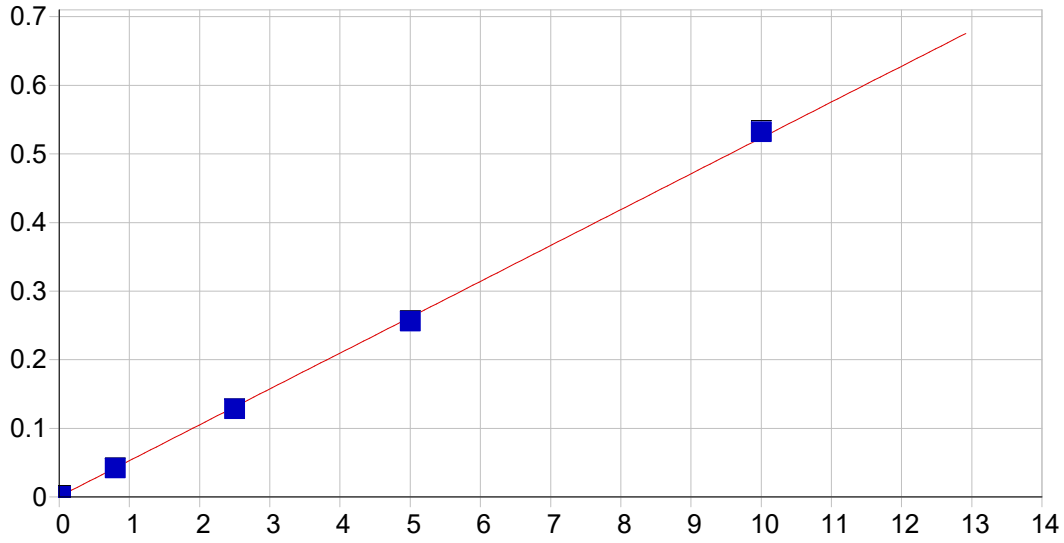
Pb 220.353 {453}

Date of Fit:	6/10/2025 14:26:39	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000109	Re-Slope:	1.000000
A1 (Gain):	0.160435	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999968	Status:	OK.
Std Error of Est:	0.000023		
Predicted MDL:	0.001740		
Predicted MQL:	0.005800		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00011	.000	1
S1	.01200	.01335	.001	11.2	.00200	.000	1
S3	2.5000	2.5085	.009	.342	.40194	.002	1
S4	5.0000	4.9540	-.046	-.919	.79387	.003	1
S5	10.000	10.015	.015	.154	1.6051	.006	1
S2	.80000	.82068	.021	2.59	.13143	.000	1

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097



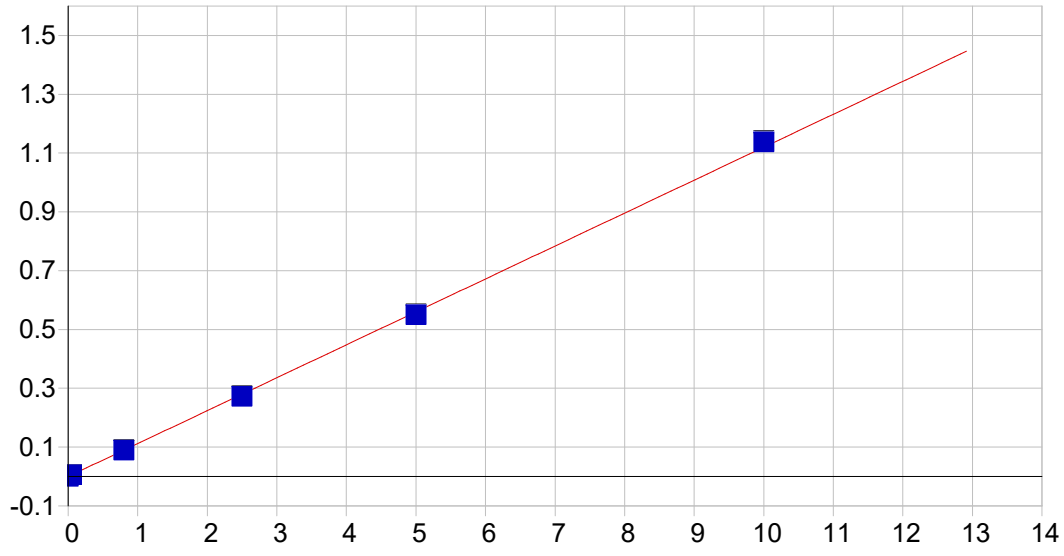
Se 196.090 {472}

Date of Fit:	6/10/2025 14:26:39	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000511	Re-Slope:	1.000000
A1 (Gain):	0.052279	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999823	Status:	OK.
Std Error of Est:	0.000023		
Predicted MDL:	0.004552		
Predicted MQL:	0.015172		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00051	.000	1
S1	.02000	.01976	-.000	-1.21	.00154	.000	1
S3	2.5000	2.4455	-.055	-2.18	.12831	.000	1
S4	5.0000	4.8922	-.108	-2.16	.25617	.001	1
S5	10.000	10.170	.170	1.70	.53200	.002	1
S2	.80000	.79232	-.008	-.960	.04192	.000	1

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097



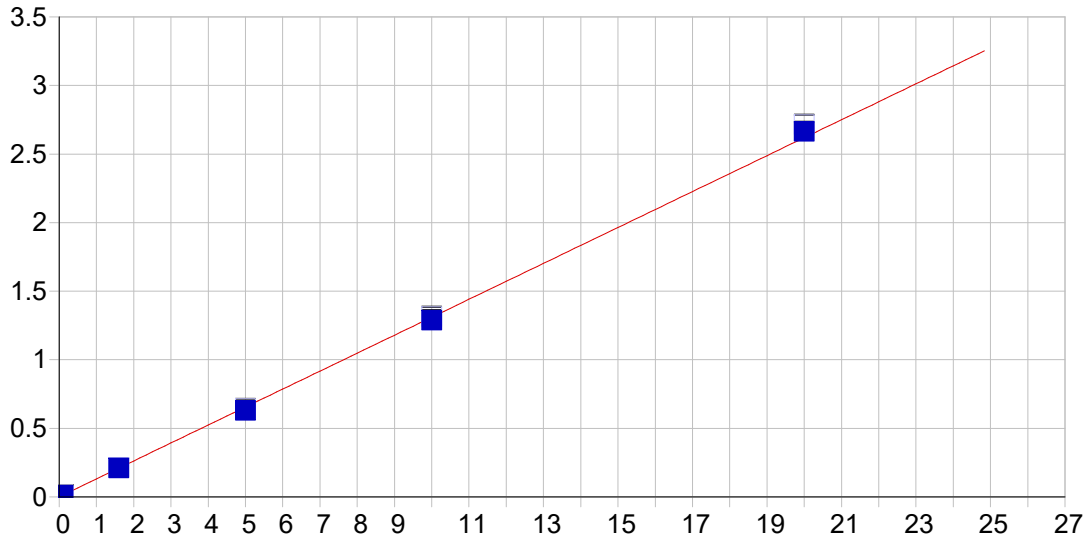
Sb 206.833 {463}

Date of Fit:	6/10/2025 14:26:39	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000045	Re-Slope:	1.000000
A1 (Gain):	0.111991	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999836	Status:	OK.
Std Error of Est:	0.000075		
Predicted MDL:	0.001998		
Predicted MQL:	0.006661		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00005	.000	1
S1	.05000	.05352	.004	7.05	.00596	.000	1
S3	2.5000	2.4337	-.066	-2.65	.27327	.001	1
S4	5.0000	4.9094	-.091	-1.81	.55128	.001	1
S5	10.000	10.155	.155	1.55	1.1402	.003	1
S2	.80000	.79872	-.001	-.161	.08965	.000	1

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097



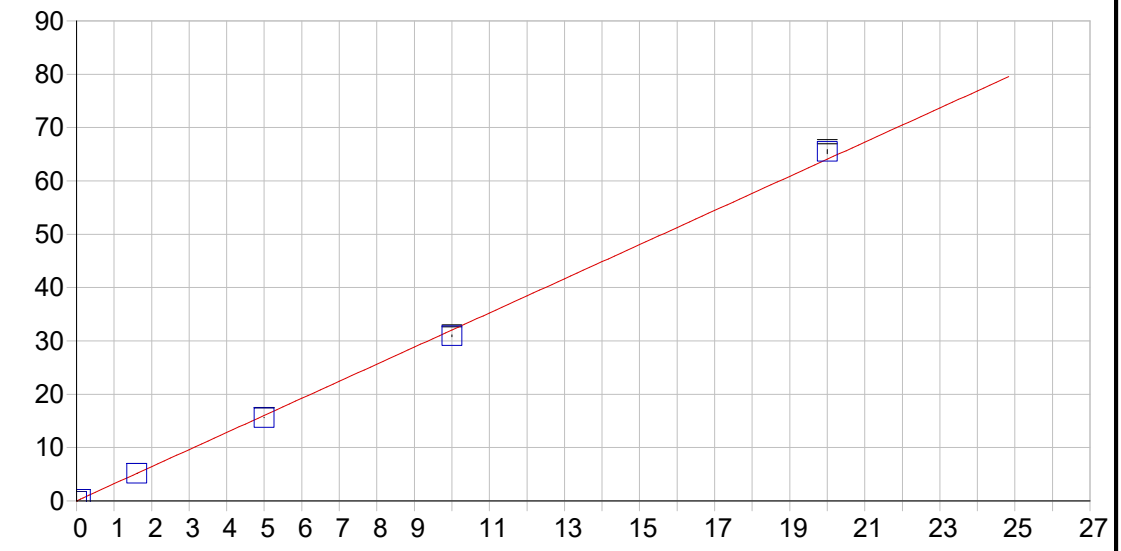
Al 396.152 { 85}

Date of Fit:	6/10/2025 14:26:39	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000504	Re-Slope:	1.000000
A1 (Gain):	0.130942	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999785	Status:	OK.
Std Error of Est:	0.000205		
Predicted MDL:	0.005452		
Predicted MQL:	0.018174		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00050	.000	1
S1	.10000	.11075	.011	10.8	.01602	.001	1
S3	5.0000	4.8163	-.184	-3.67	.64386	.002	1
S4	10.000	9.8357	-.164	-1.64	1.3138	.004	1
S5	20.000	20.341	.341	1.70	2.7147	.004	1
S2	1.6000	1.5961	-.004	-.246	.21356	.000	1

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097



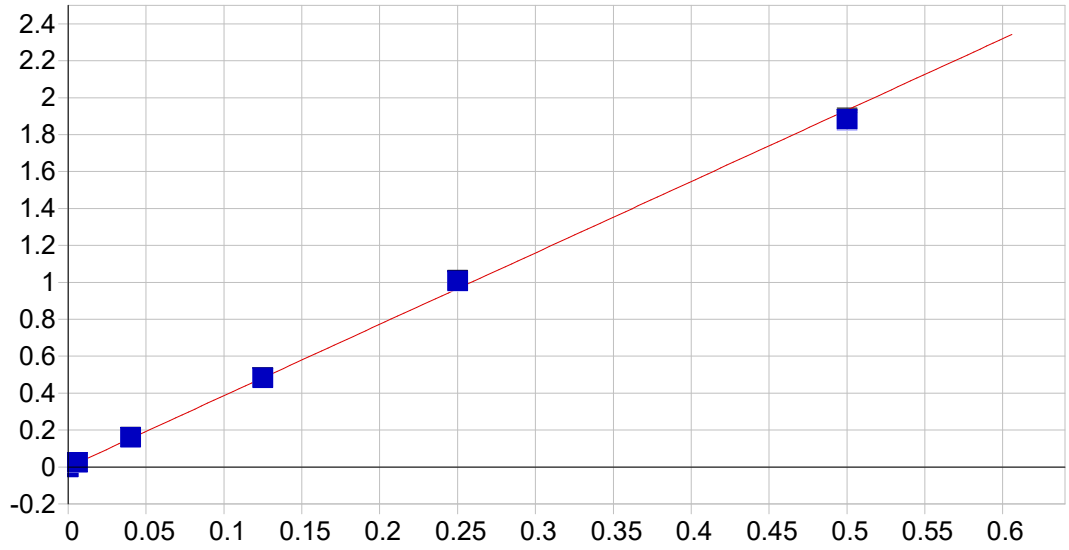
Ba 493.409 { 68}

Date of Fit:	6/10/2025 14:26:39	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.015641	Re-Slope:	1.000000
A1 (Gain):	3.202524	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999664	Status:	OK.
Std Error of Est:	0.006160		
Predicted MDL:	0.000679		
Predicted MQL:	0.002265		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.01566	.002	1
S1	.10000	.09809	-.002	-1.91	.32978	.004	1
S3	5.0000	4.8747	-.125	-2.51	15.627	.016	1
S4	10.000	9.6646	-.335	-3.35	30.967	.176	1
S5	20.000	20.451	.451	2.26	65.512	.382	1
S2	1.6000	1.6112	.011	.698	5.1755	.006	1

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097



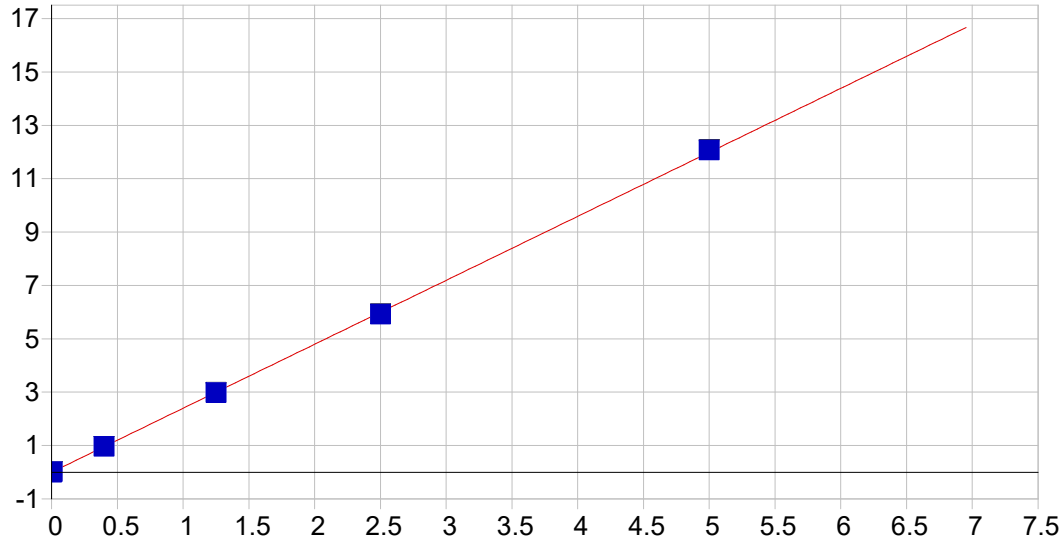
Be 234.861 {144}

Date of Fit:	6/10/2025 14:26:39	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000672	Re-Slope:	1.000000
A1 (Gain):	3.866285	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999494	Status:	OK.
Std Error of Est:	0.000352		
Predicted MDL:	0.000078		
Predicted MQL:	0.000260		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00068	.000	1
S1	.00600	.00653	.001	8.77	.02439	.000	1
S3	.12500	.12497	-.000	-.027	.48032	.001	1
S4	.25000	.26087	.011	4.35	1.0036	.004	1
S5	.50000	.48700	-.013	-2.60	1.8735	.007	1
S2	.04000	.04164	.002	4.10	.15962	.001	1

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097



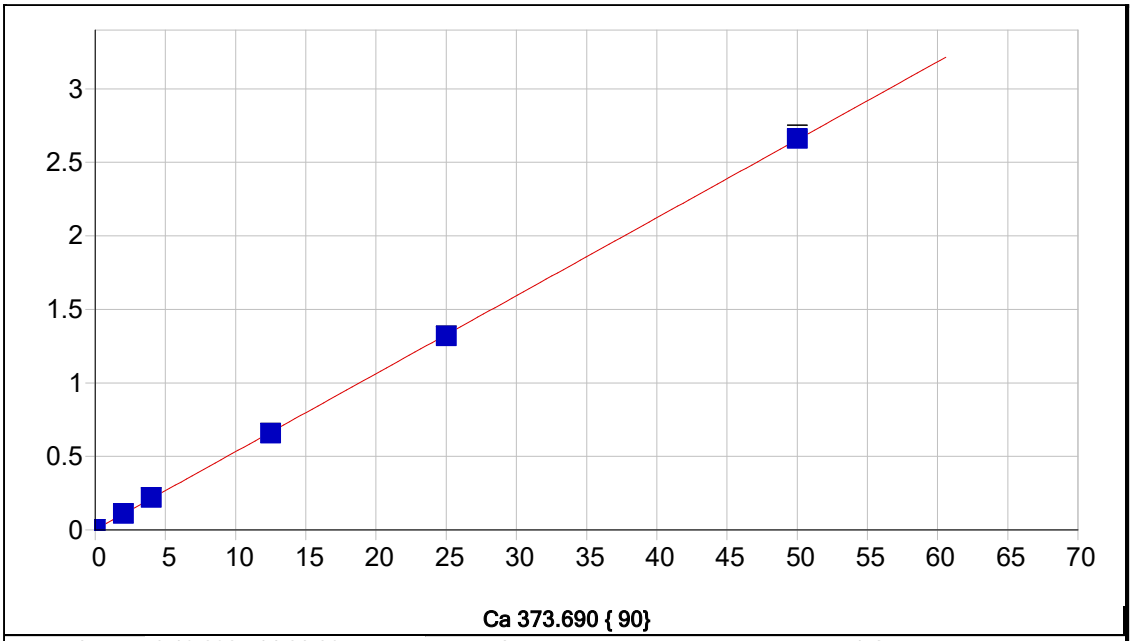
Cd 226.502 {449}

Date of Fit:	6/10/2025 14:26:39	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000039	Re-Slope:	1.000000
A1 (Gain):	2.397726	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999965	Status:	OK.
Std Error of Est:	0.000182		
Predicted MDL:	0.000101		
Predicted MQL:	0.000337		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00004	.000	1
S1	.00600	.00611	.000	1.84	.01475	.000	1
S3	1.2500	1.2425	-.007	-.599	2.9816	.010	1
S4	2.5000	2.4708	-.029	-1.17	5.9290	.017	1
S5	5.0000	5.0331	.033	.662	12.077	.024	1
S2	.40000	.40347	.003	.868	.96820	.001	1

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097



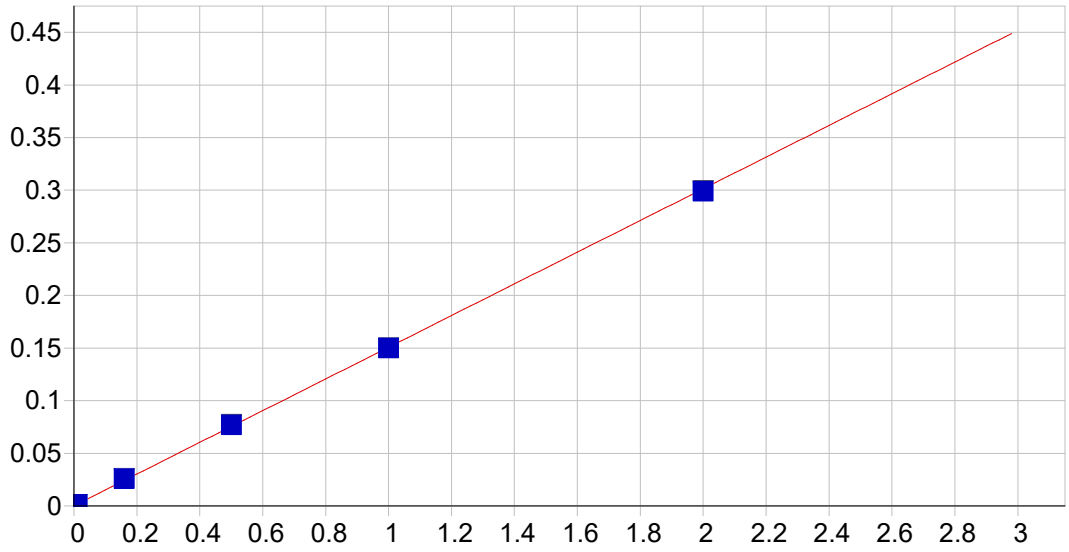
Ca 373.690 { 90}

Date of Fit:	6/10/2025 14:26:39	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.001683	Re-Slope:	1.000000
A1 (Gain):	0.053042	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999963	Status:	OK.
Std Error of Est:	0.000240		
Predicted MDL:	0.009047		
Predicted MQL:	0.030156		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00006	-.000	.000	.00168	.000	1
S2	4.0000	4.0982	.098	2.46	.21906	.001	1
S3	12.500	12.356	-.144	-1.15	.65709	.001	1
S4	25.000	24.826	-.174	-.696	1.3185	.001	1
S5	50.000	50.176	.176	.353	2.6632	.023	1
S1	2.0000	2.0431	.043	2.15	.11005	.000	1

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097



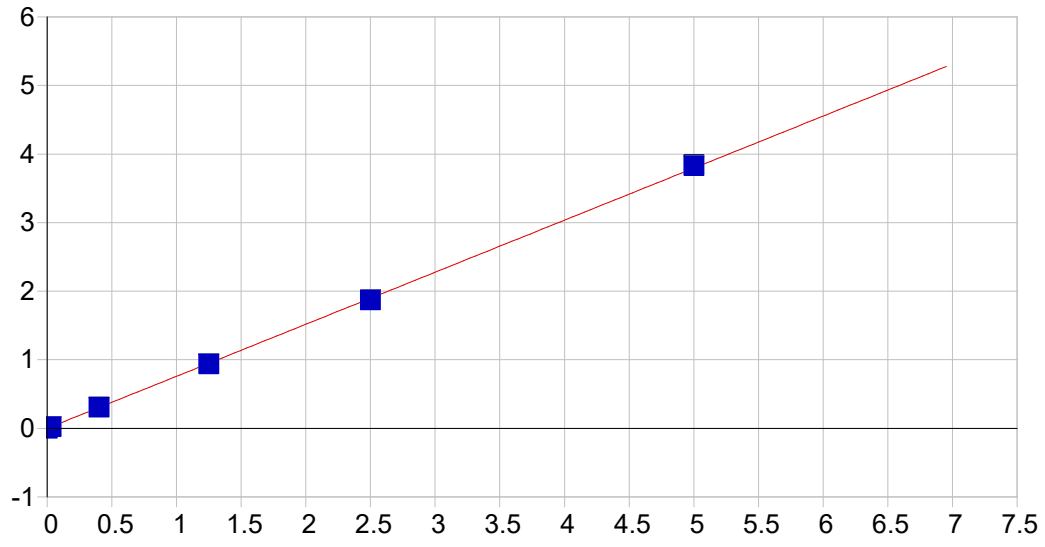
Cr 267.716 {126}

Date of Fit:	6/10/2025 14:26:39	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000167	Re-Slope:	1.000000
A1 (Gain):	0.150594	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999841	Status:	OK.
Std Error of Est:	0.000020		
Predicted MDL:	0.000399		
Predicted MQL:	0.001331		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00017	.000	1
S1	.01000	.01035	.000	3.53	.00173	.000	1
S3	.50000	.50980	.010	1.96	.07700	.000	1
S4	1.0000	.99474	-.005	-.526	.15009	.000	1
S5	2.0000	1.9838	-.016	-.811	.29915	.001	1
S2	.16000	.17134	.011	7.08	.02599	.000	1

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097



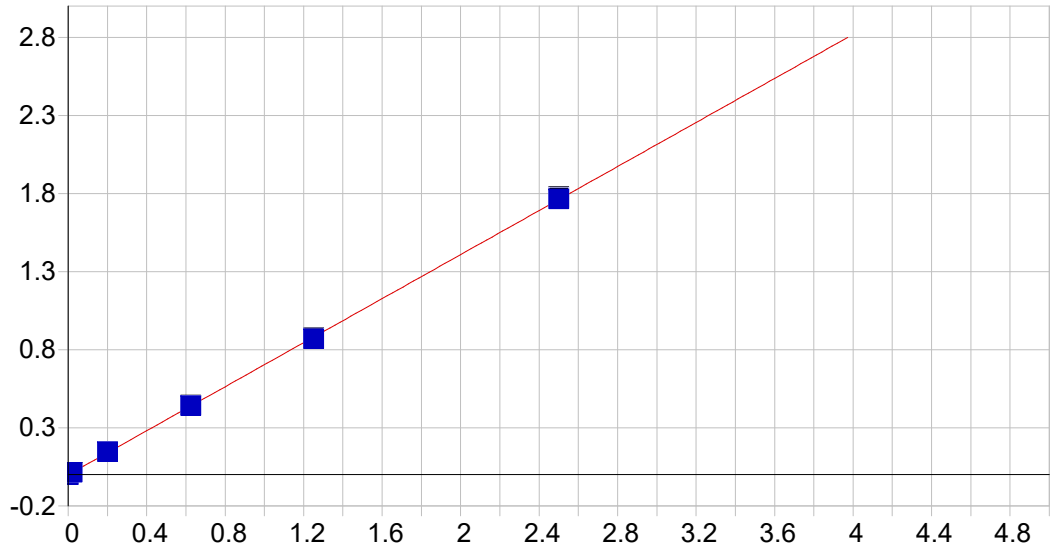
Co 228.616 {448}

Date of Fit:	6/10/2025 14:26:39	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000059	Re-Slope:	1.000000
A1 (Gain):	0.758989	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999940	Status:	OK.
Std Error of Est:	0.000169		
Predicted MDL:	0.000271		
Predicted MQL:	0.000902		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00006	.000	1
S1	.03000	.03050	.000	1.66	.02299	.000	1
S3	1.2500	1.2362	-.014	-1.11	.93980	.004	1
S4	2.5000	2.4647	-.035	-1.41	1.8738	.005	1
S5	5.0000	5.0449	.045	.898	3.8354	.009	1
S2	.40000	.40373	.004	.932	.30688	.000	1

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097



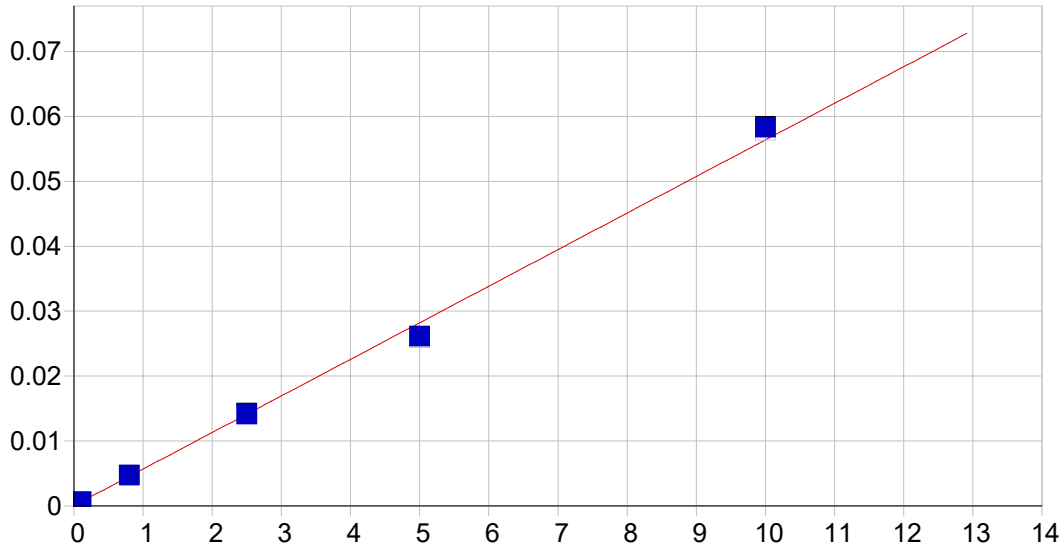
Cu 224.700 {450}

Date of Fit:	6/10/2025 14:26:39	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000726	Re-Slope:	1.000000
A1 (Gain):	0.704794	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999903	Status:	OK.
Std Error of Est:	0.000116		
Predicted MDL:	0.000387		
Predicted MQL:	0.001289		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00073	.000	1
S1	.02000	.02218	.002	10.9	.01505	.000	1
S3	.62500	.62592	.001	.147	.44363	.002	1
S4	1.2500	1.2336	-.016	-1.31	.87512	.002	1
S5	2.5000	2.5039	.004	.154	1.7768	.005	1
S2	.20000	.20945	.009	4.73	.14792	.001	1

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097



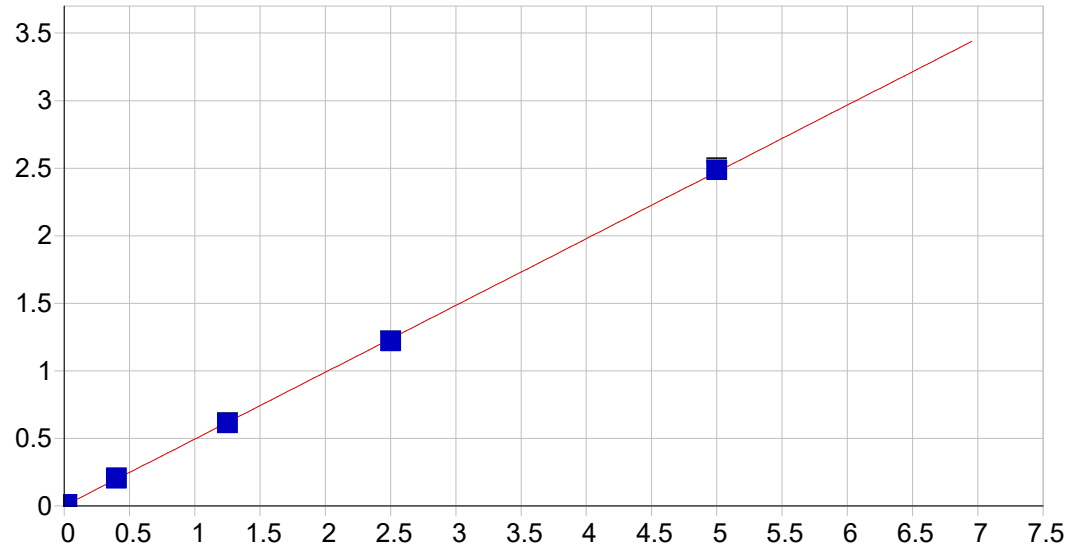
Fe 240.488 {140}

Date of Fit:	6/10/2025 14:26:39	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000046	Re-Slope:	1.000000
A1 (Gain):	0.005633	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998881	Status:	OK.
Std Error of Est:	0.000014		
Predicted MDL:	0.003769		
Predicted MQL:	0.012563		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00005	.000	1
S1	.10000	.09687	-.003	-3.13	.00058	.000	1
S3	2.5000	2.4994	-.001	-.023	.01401	.000	1
S4	5.0000	4.6294	-.371	-7.41	.02588	.000	1
S5	10.000	10.345	.345	3.45	.05784	.000	1
S2	.80000	.82884	.029	3.61	.00468	.000	1

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097



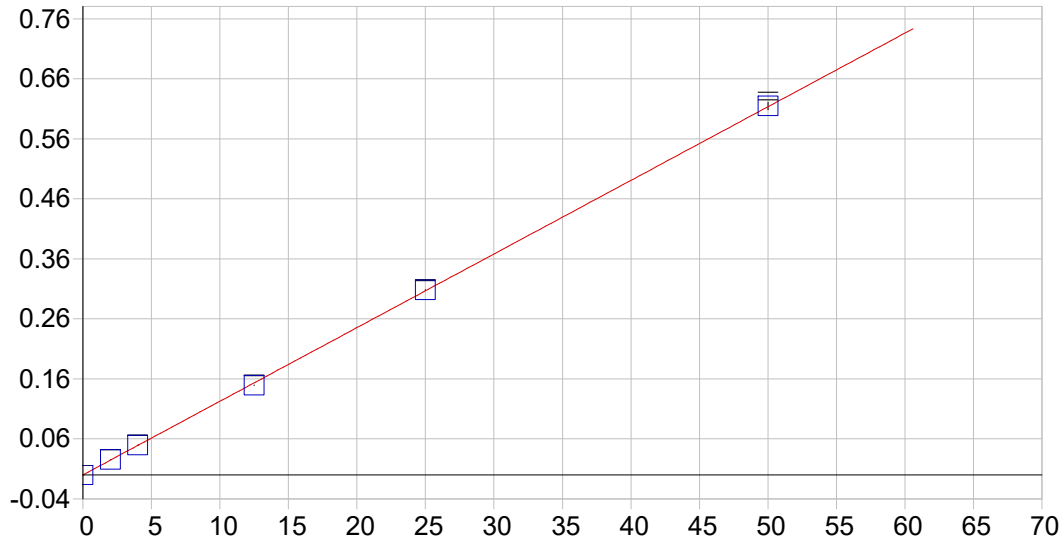
Mn 257.610 {131}

Date of Fit:	6/10/2025 14:26:39	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000273	Re-Slope:	1.000000
A1 (Gain):	0.494458	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999941	Status:	OK.
Std Error of Est:	0.000089		
Predicted MDL:	0.000370		
Predicted MQL:	0.001233		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00027	.000	1
S1	.02000	.02093	.001	4.64	.01063	.000	1
S3	1.2500	1.2404	-.010	-.771	.61370	.001	1
S4	2.5000	2.4686	-.031	-1.26	1.2211	.004	1
S5	5.0000	5.0273	.027	.547	2.4866	.015	1
S2	.40000	.41283	.013	3.21	.20444	.001	1

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097



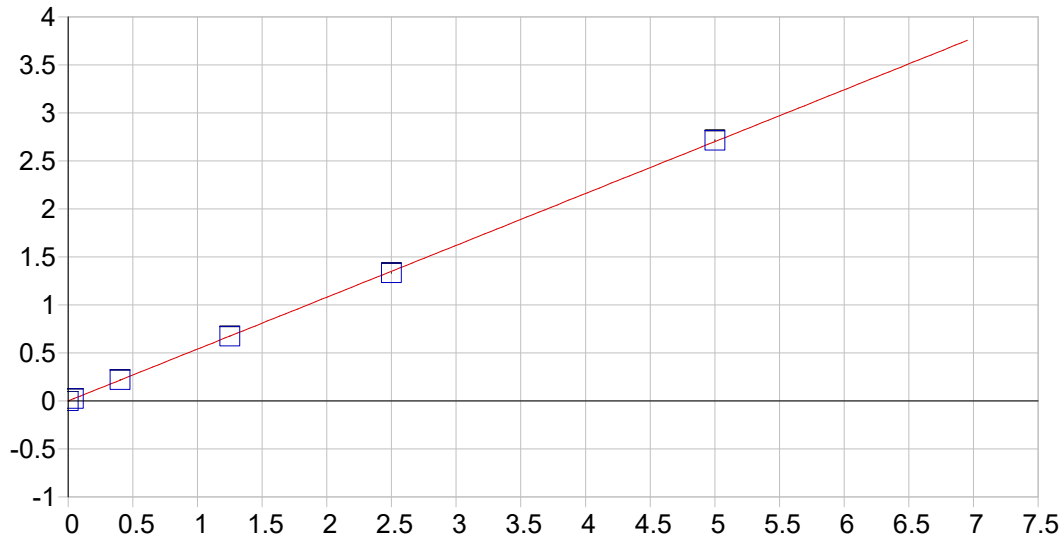
Mg 279.079 {121}

Date of Fit:	6/10/2025 14:26:39	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000027	Re-Slope:	1.000000
A1 (Gain):	0.012270	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999927	Status:	OK.
Std Error of Est:	0.000078		
Predicted MDL:	0.019435		
Predicted MQL:	0.064784		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00006	-.000	.000	.00003	.000	1
S2	4.0000	4.0335	.033	.836	.04952	.000	1
S3	12.500	12.167	-.333	-2.67	.14931	.001	1
S4	25.000	25.097	.097	.390	.30798	.001	1
S5	50.000	50.116	.116	.232	.61496	.006	1
S1	2.0000	2.0865	.086	4.32	.02563	.000	1

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097



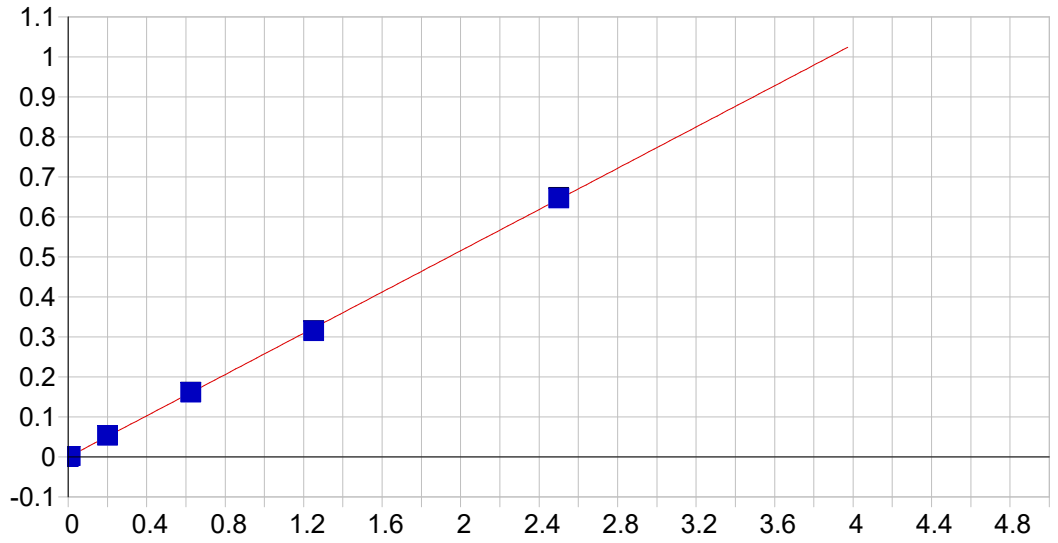
Ni 231.604 {446}

Date of Fit:	6/10/2025 14:26:39	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000028	Re-Slope:	1.000000
A1 (Gain):	0.540110	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999958	Status:	OK.
Std Error of Est:	0.000116		
Predicted MDL:	0.000347		
Predicted MQL:	0.001157		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00003	.000	1
S1	.04000	.04121	.001	3.03	.02223	.000	1
S3	1.2500	1.2465	-.004	-.282	.67320	.003	1
S4	2.5000	2.4678	-.032	-1.29	1.3328	.004	1
S5	5.0000	5.0266	.027	.531	2.7149	.006	1
S2	.40000	.40799	.008	2.00	.22033	.000	1

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097



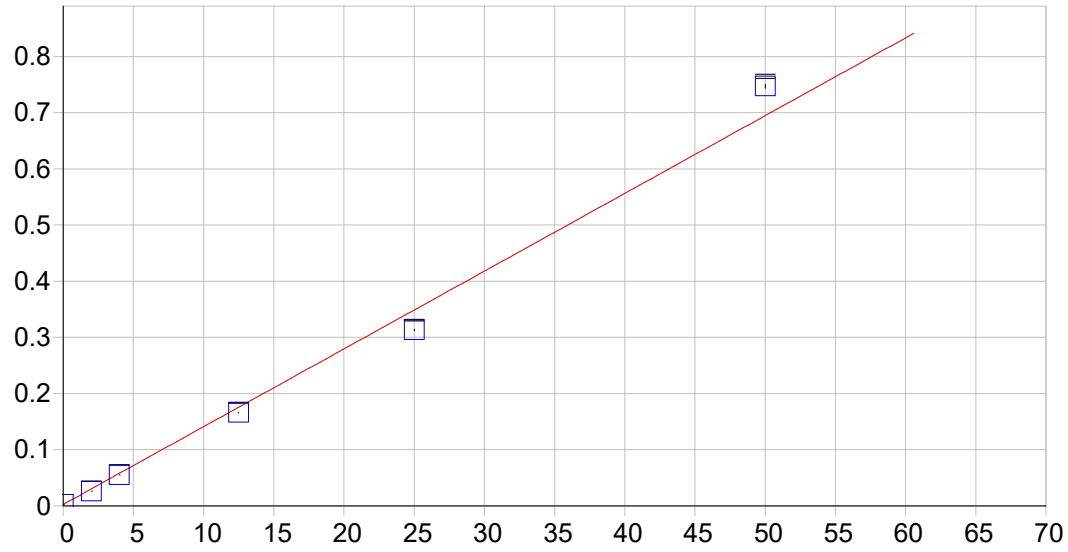
Ag 328.068 {103}

Date of Fit:	6/10/2025 14:26:39	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000349	Re-Slope:	1.000000
A1 (Gain):	0.257843	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999876	Status:	OK.
Std Error of Est:	0.000033		
Predicted MDL:	0.000382		
Predicted MQL:	0.001273		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00035	.000	1
S1	.01000	.01052	.001	5.20	.00234	.000	1
S3	.62500	.62655	.002	.248	.16049	.000	1
S4	1.2500	1.2253	-.025	-1.98	.31415	.001	1
S5	2.5000	2.5122	.012	.488	.64453	.002	1
S2	.20000	.21044	.010	5.22	.05368	.000	1

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097



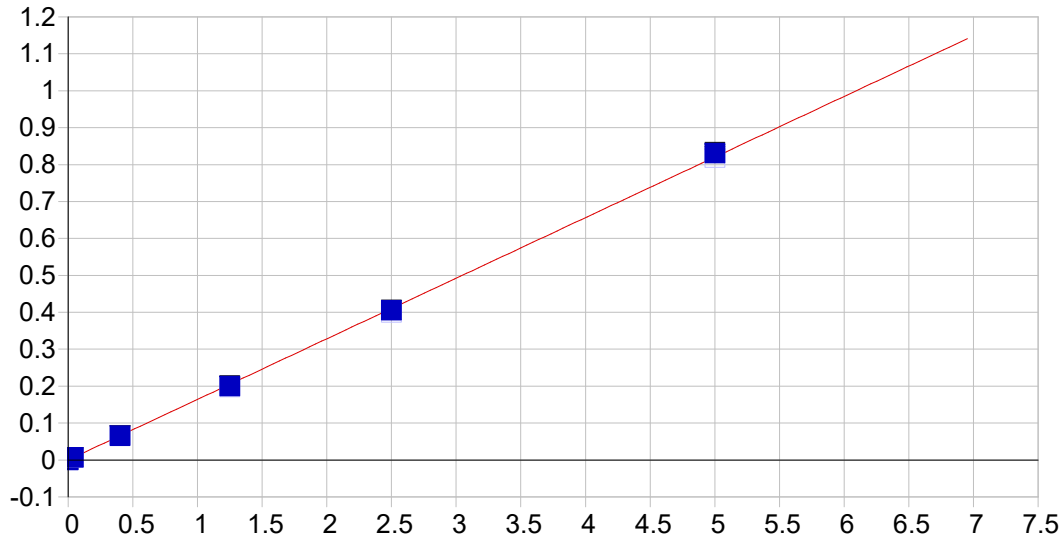
Na 589.592 { 57}

Date of Fit:	6/10/2025 14:26:39	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.002696	Re-Slope:	1.000000
A1 (Gain):	0.013844	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.996535	Status:	OK.
Std Error of Est:	0.000611		
Predicted MDL:	0.012651		
Predicted MQL:	0.042169		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00058	.001	.000	.00270	.000	1
S2	4.0000	3.7894	-.211	-5.27	.05516	.000	1
S3	12.500	11.816	-.684	-5.47	.16628	.001	1
S4	25.000	22.423	-2.58	-10.3	.31312	.001	1
S5	50.000	53.787	3.79	7.57	.74733	.004	1
S1	2.0000	1.6849	-.315	-15.8	.02602	.000	1

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097



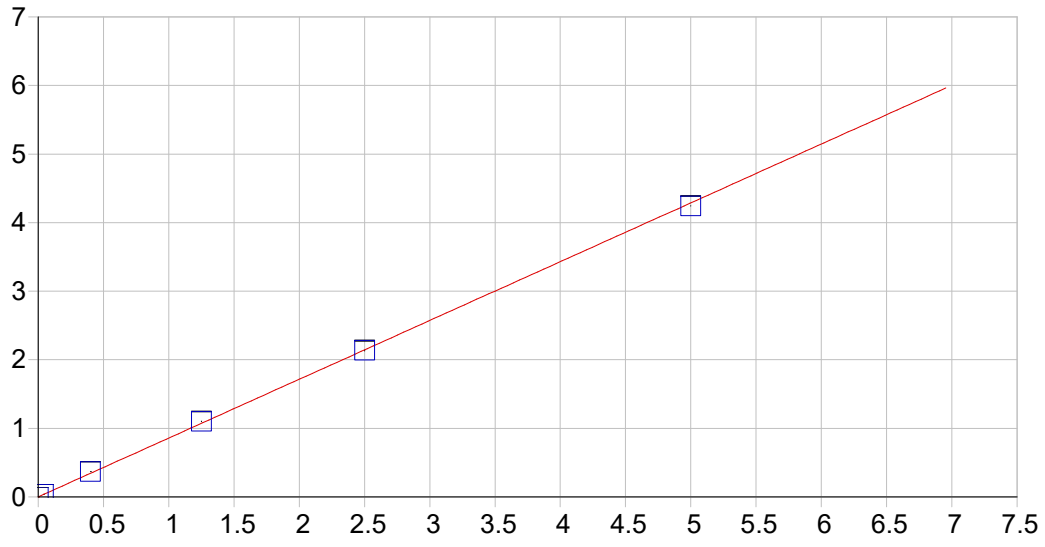
V 292.402 {115}

Date of Fit:	6/10/2025 14:26:39	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000048	Re-Slope:	1.000000
A1 (Gain):	0.164084	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999893	Status:	OK.
Std Error of Est:	0.000056		
Predicted MDL:	0.001690		
Predicted MQL:	0.005632		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00005	.000	1
S1	.04000	.03910	-.001	-2.25	.00622	.000	1
S3	1.2500	1.2192	-.031	-2.46	.19711	.000	1
S4	2.5000	2.4693	-.031	-1.23	.39924	.001	1
S5	5.0000	5.0614	.061	1.23	.81858	.003	1
S2	.40000	.40090	.001	.224	.06487	.000	1

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097



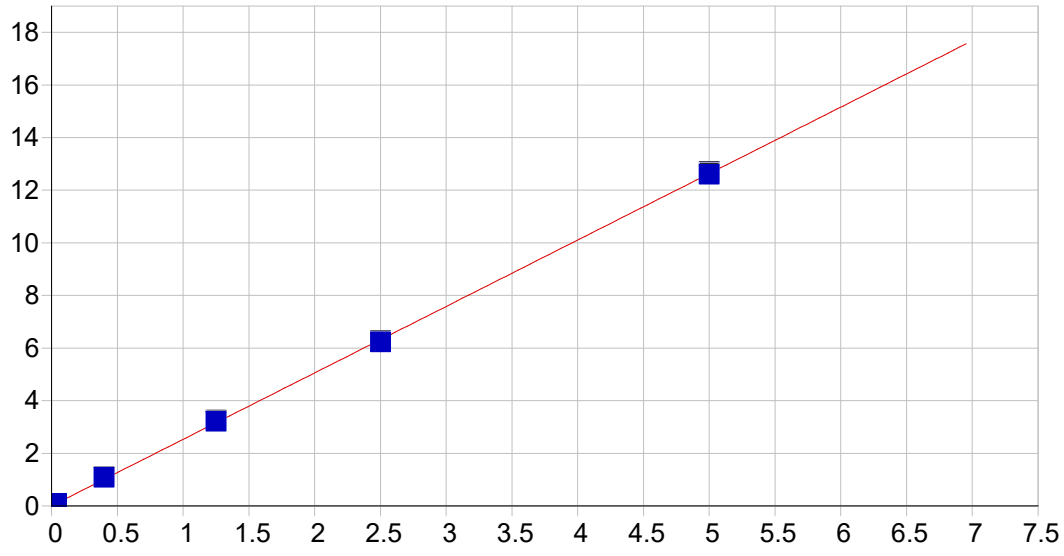
Zn 206.200 {464}

Date of Fit:	6/10/2025 14:26:39	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000774	Re-Slope:	1.000000
A1 (Gain):	0.857438	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999811	Status:	OK.
Std Error of Est:	0.000391		
Predicted MDL:	0.000241		
Predicted MQL:	0.000802		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00077	.000	1
S1	.04000	.04282	.003	7.04	.03749	.000	1
S3	1.2500	1.2820	.032	2.56	1.1000	.005	1
S4	2.5000	2.4903	-.010	-.388	2.1360	.007	1
S5	5.0000	4.9476	-.052	-1.05	4.2430	.002	1
S2	.40000	.42728	.027	6.82	.36714	.001	1

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097



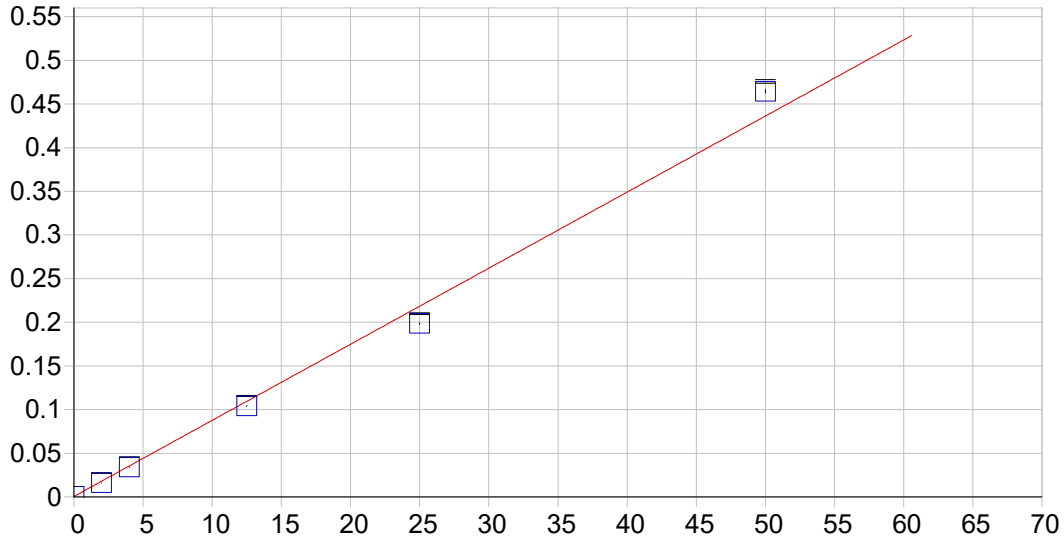
Zn 213.856 {158}

Date of Fit:	6/10/2025 14:26:39	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.003703	Re-Slope:	1.000000
A1 (Gain):	2.525880	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999836	Status:	OK.
Std Error of Est:	0.001081		
Predicted MDL:	0.000291		
Predicted MQL:	0.000971		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00369	.001	1
S1	.04000	.04208	.002	5.20	.11070	.001	1
S3	1.2500	1.2706	.021	1.65	3.2350	.024	1
S4	2.5000	2.4622	-.038	-1.51	6.2668	.008	1
S5	5.0000	4.9869	-.013	-.263	12.688	.028	1
S2	.40000	.42832	.028	7.08	1.0926	.004	1

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097



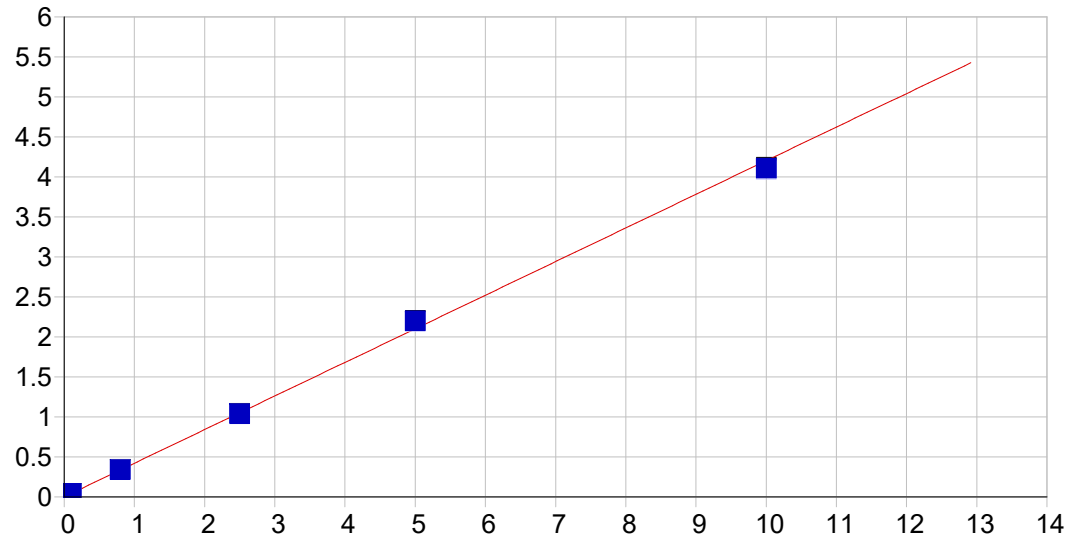
K 766.490 { 44}

Date of Fit:	6/10/2025 14:26:39	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000554	Re-Slope:	1.000000
A1 (Gain):	0.008712	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.997456	Status:	OK.
Std Error of Est:	0.000329		
Predicted MDL:	0.025478		
Predicted MQL:	0.084928		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00045	.000	.000	.00056	.000	1
S2	4.0000	3.8623	-.138	-3.44	.03420	.000	1
S3	12.500	11.898	-.602	-4.82	.10421	.000	1
S4	25.000	22.728	-2.27	-9.09	.19857	.001	1
S5	50.000	53.243	3.24	6.49	.46441	.002	1
S1	2.0000	1.7688	-.231	-11.6	.01596	.000	1

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097



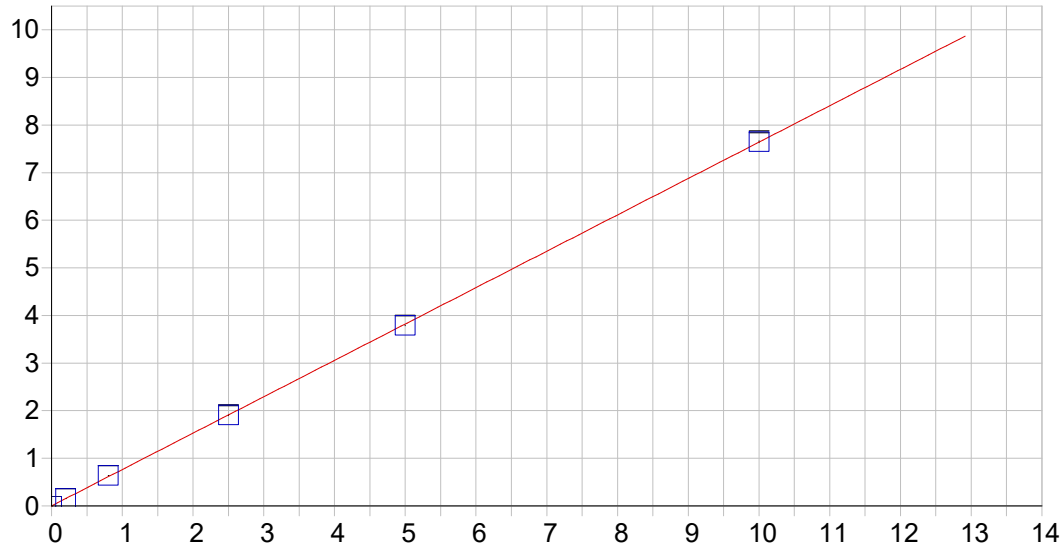
B 249.678 {135}

Date of Fit:	6/10/2025 14:26:39	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000671	Re-Slope:	1.000000
A1 (Gain):	0.420140	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999536	Status:	OK.
Std Error of Est:	0.000670		
Predicted MDL:	0.000755		
Predicted MQL:	0.002518		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00067	.000	1
S1	.10000	.10587	.006	5.87	.04490	.000	1
S3	2.5000	2.4733	-.027	-1.07	1.0360	.002	1
S4	5.0000	5.2350	.235	4.70	2.1925	.005	1
S5	10.000	9.7739	-.226	-2.26	4.0920	.013	1
S2	.80000	.81192	.012	1.49	.34058	.001	1

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097



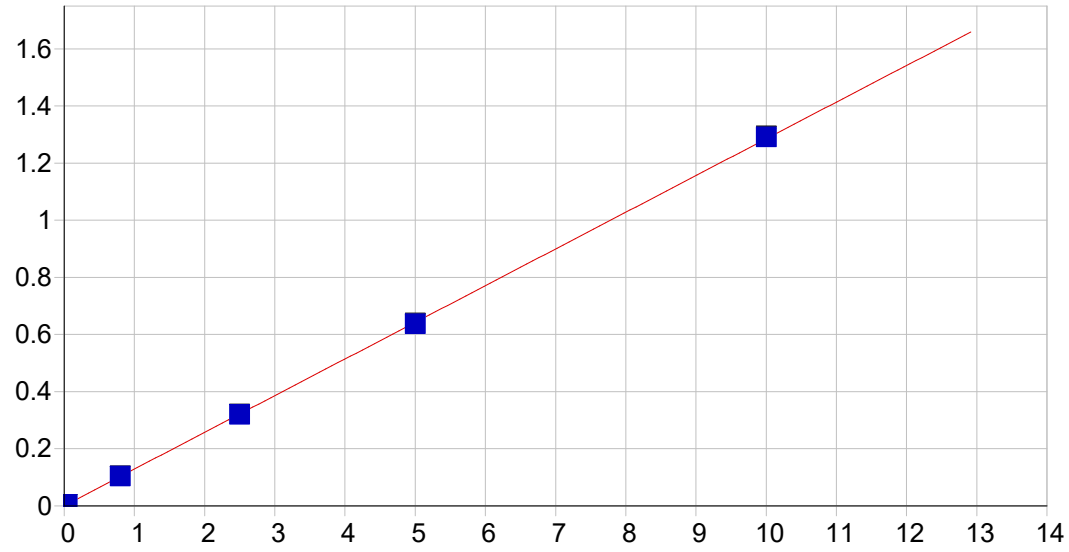
Mo 202.030 {467}

Date of Fit:	6/10/2025 14:26:39	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000385	Re-Slope:	1.000000
A1 (Gain):	0.764152	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999957	Status:	OK.
Std Error of Est:	0.000528		
Predicted MDL:	0.000239		
Predicted MQL:	0.000795		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00038	.000	1
S1	.20000	.20150	.002	.752	.15436	.000	1
S3	2.5000	2.4934	-.007	-.264	1.9057	.009	1
S4	5.0000	4.9625	-.037	-.750	3.7925	.008	1
S5	10.000	10.011	.011	.107	7.6501	.019	1
S2	.80000	.83188	.032	3.99	.63607	.001	1

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097



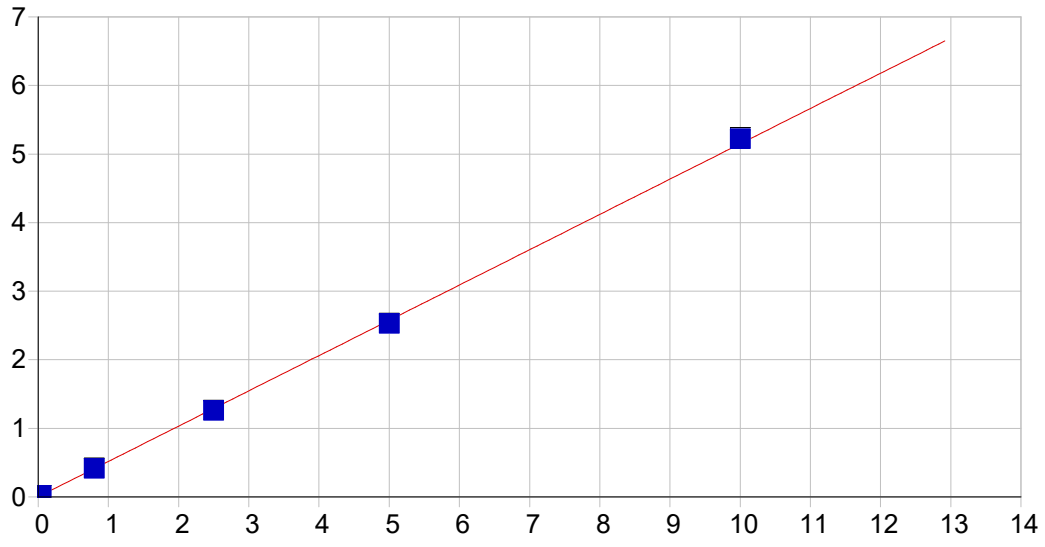
Sn 189.989 {478}

Date of Fit:	6/10/2025 14:26:39	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000570	Re-Slope:	1.000000
A1 (Gain):	0.128446	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999979	Status:	OK.
Std Error of Est:	0.000028		
Predicted MDL:	0.000878		
Predicted MQL:	0.002928		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00057	.000	1
S1	.04000	.03996	-.000	-.091	.00570	.000	1
S3	2.5000	2.4867	-.013	-.533	.31964	.001	1
S4	5.0000	4.9562	-.044	-.877	.63651	.003	1
S5	10.000	10.050	.050	.499	1.2901	.004	1
S2	.80000	.80733	.007	.917	.10416	.000	1

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097



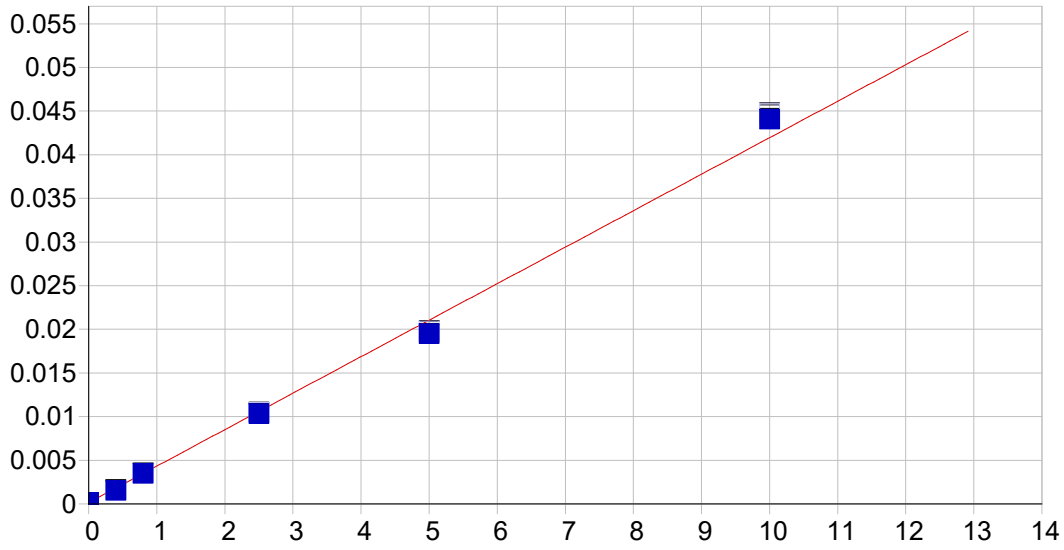
Ti 336.121 {100}

Date of Fit:	6/10/2025 14:26:39	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.002154	Re-Slope:	1.000000
A1 (Gain):	0.514688	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999856	Status:	OK.
Std Error of Est:	0.000290		
Predicted MDL:	0.000737		
Predicted MQL:	0.002458		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00215	.000	1
S1	.04000	.03898	-.001	-2.56	.02220	.000	1
S3	2.5000	2.4428	-.057	-2.29	1.2590	.003	1
S4	5.0000	4.9059	-.094	-1.88	2.5262	.005	1
S5	10.000	10.146	.146	1.46	5.2221	.018	1
S2	.80000	.80678	.007	.847	.41724	.001	1

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097



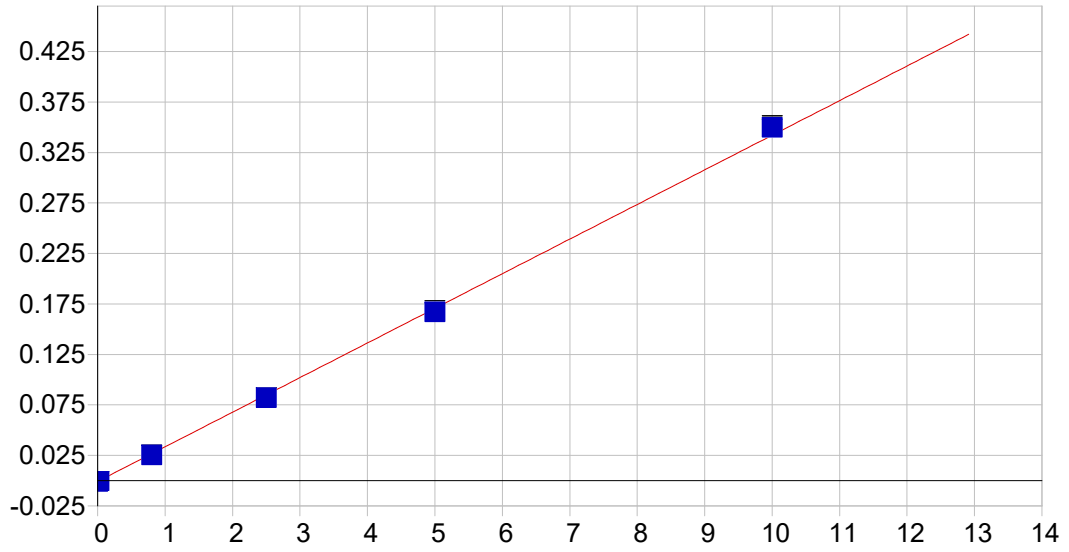
Si 288.158 {117}

Date of Fit:	6/10/2025 14:26:39	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000146	Re-Slope:	1.000000
A1 (Gain):	0.004180	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998300	Status:	OK.
Std Error of Est:	0.000026		
Predicted MDL:	0.010074		
Predicted MQL:	0.033580		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00009	.000	.000	.00015	.000	1
S1	.40000	.33362	-.066	-16.6	.00154	.000	1
S3	2.5000	2.4381	-.062	-2.47	.01050	.000	1
S4	5.0000	4.6280	-.372	-7.44	.01981	.000	1
S5	10.000	10.503	.503	5.03	.04468	.000	1
S2	.80000	.79612	-.004	-.484	.00352	.000	1

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097



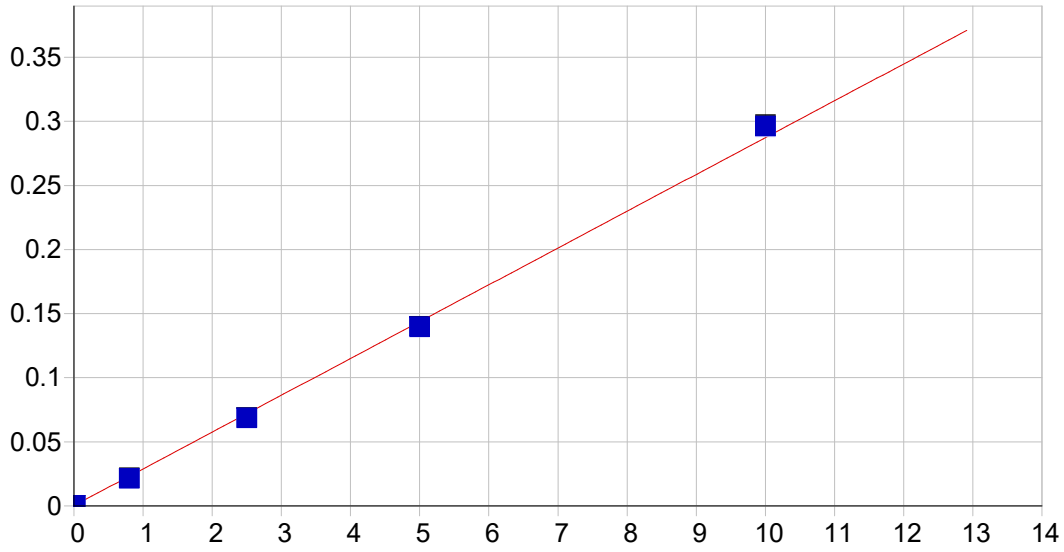
P 177.495 {490}

Date of Fit:	6/10/2025 14:26:39	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000787	Re-Slope:	1.000000
A1 (Gain):	0.034286	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999672	Status:	OK.
Std Error of Est:	0.000021		
Predicted MDL:	0.002749		
Predicted MQL:	0.009163		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00079	.000	1
S1	.02000	.01712	-.003	-14.4	-.00020	.000	1
S3	2.5000	2.4213	-.079	-3.15	.08222	.000	1
S4	5.0000	4.8989	-.101	-2.02	.16715	.001	1
S5	10.000	10.224	.224	2.24	.34968	.002	1
S2	.80000	.75917	-.041	-5.10	.02524	.000	1

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097



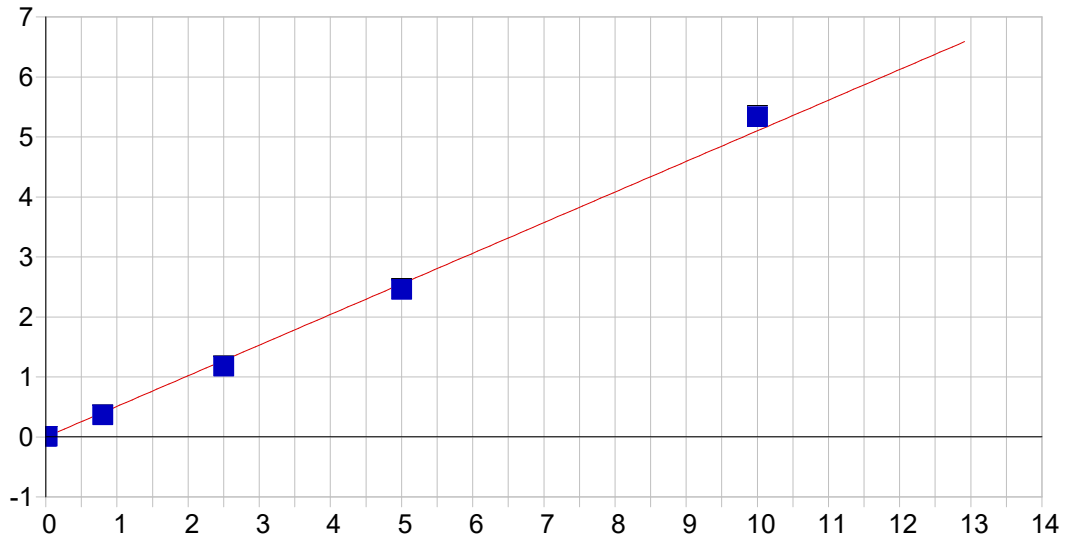
S 182.034 {485}

Date of Fit:	6/10/2025 14:26:39	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000175	Re-Slope:	1.000000
A1 (Gain):	0.028720	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999369	Status:	OK.
Std Error of Est:	0.000024		
Predicted MDL:	0.003666		
Predicted MQL:	0.012219		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00017	.000	1
S1	.02000	.01925	-.001	-3.73	.00070	.000	1
S3	2.5000	2.3822	-.118	-4.71	.06840	.000	1
S4	5.0000	4.8621	-.138	-2.76	.13944	.000	1
S5	10.000	10.312	.312	3.12	.29559	.001	1
S2	.80000	.74428	-.056	-6.96	.02149	.000	1

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097



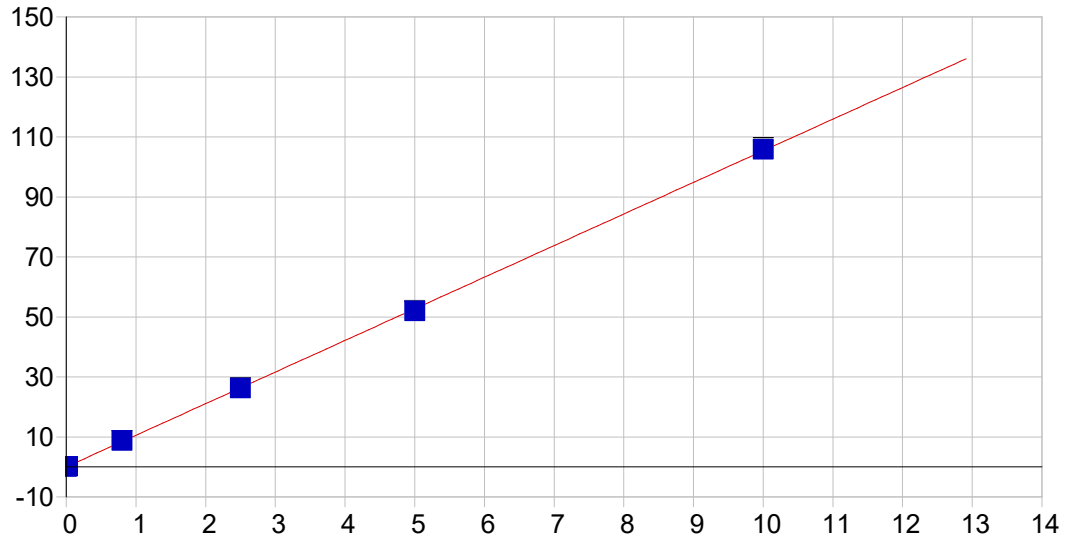
Li 670.784 { 50}

Date of Fit:	6/10/2025 14:26:39	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.001267	Re-Slope:	1.000000
A1 (Gain):	0.510286	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998595	Status:	OK.
Std Error of Est:	0.000635		
Predicted MDL:	0.002085		
Predicted MQL:	0.006949		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00126	.000	1
S5	10.000	10.460	.460	4.60	5.3388	.017	1
S4	5.0000	4.8167	-.183	-3.67	2.4579	.013	1
S3	2.5000	2.3113	-.189	-7.55	1.1788	.006	1
S1	.02000	.01654	-.003	-17.3	.00734	.000	1
S2	.80000	.71557	-.084	-10.6	.36408	.000	1

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097



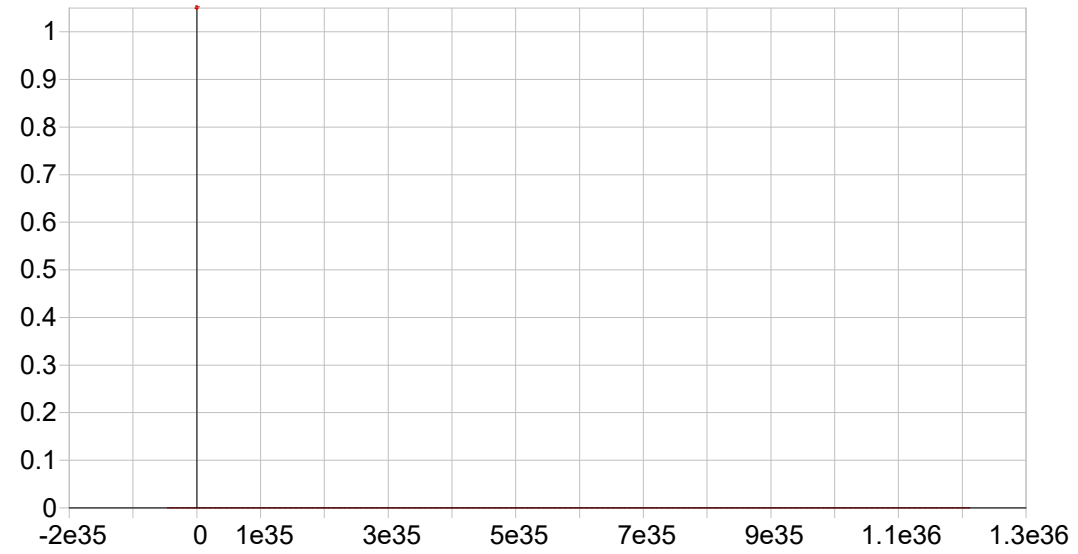
Sr 407.771 { 83}

Date of Fit:	6/10/2025 14:26:39	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000072	Re-Slope:	1.000000
A1 (Gain):	10.537903	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999929	Status:	OK.
Std Error of Est:	0.002948		
Predicted MDL:	0.000060		
Predicted MQL:	0.000199		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00009	.000	1
S1	.02000	.02116	.001	5.82	.22396	.001	1
S3	2.5000	2.4936	-.006	-.257	26.302	.208	1
S4	5.0000	4.9276	-.072	-1.45	51.977	.198	1
S5	10.000	10.046	.046	.459	105.96	.480	1
S2	.80000	.83185	.032	3.98	8.7739	.006	1

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

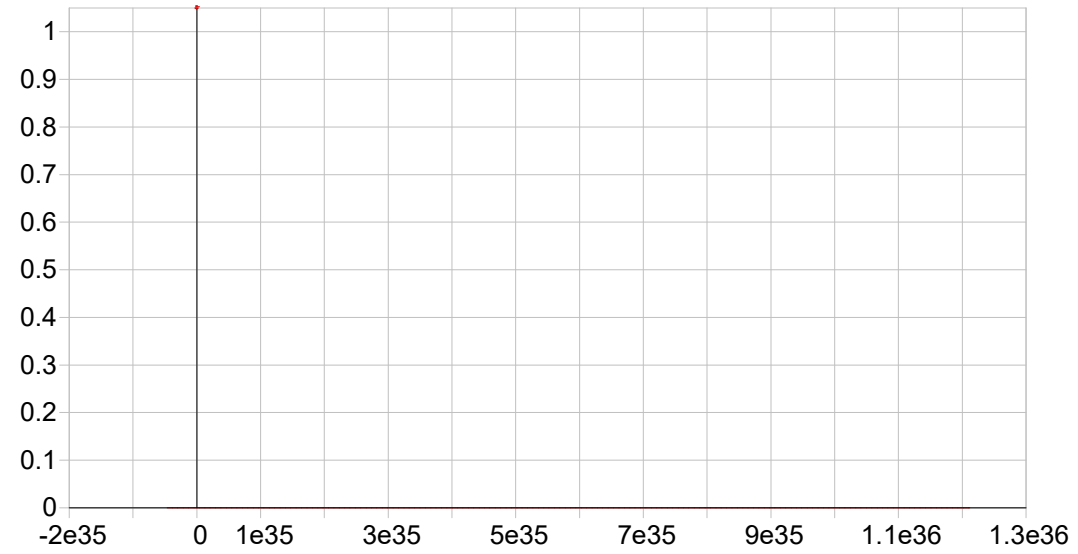


Y 224.306 {450}*

Date of Fit:	6/10/2025 13:01:34	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000000	Re-Slope:	1.000000
A1 (Gain):	0.000000	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.000000	Status:	Warning Zero Gain
Std Error of Est:	0.000000		
Predicted MDL:	n/a		
Predicted MQL:	n/a		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis



Y 360.073 { 94}*

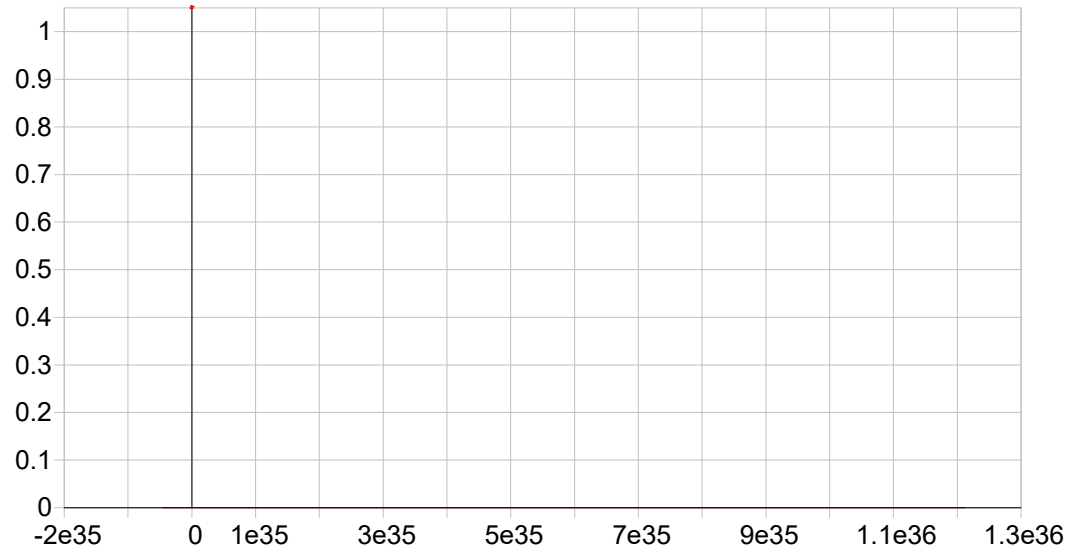
Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000000	Re-Slope:	1.000000
A1 (Gain):	0.000000	Y-int:	0.000000

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.000000	Status:	Warning	Zero Gain	
Std Error of Est:	0.000000				
Predicted MDL:	n/a				
Predicted MQL:	n/a				

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis



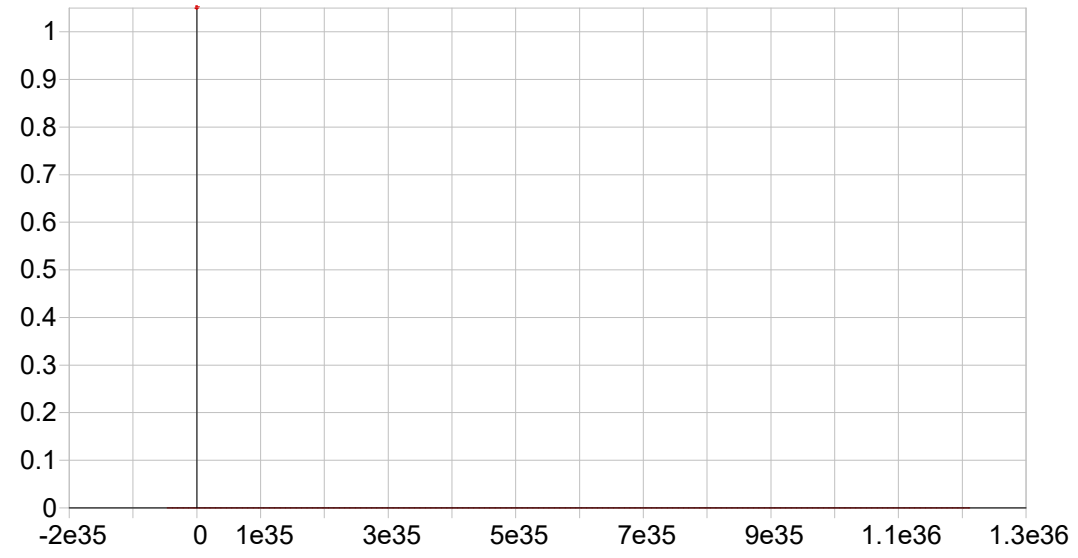
Y 371.030 { 91}*

Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000000	Re-Slope:	1.000000
A1 (Gain):	0.000000	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.000000	Status:	Warning Zero Gain
Std Error of Est:	0.000000		
Predicted MDL:	n/a		
Predicted MQL:	n/a		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis

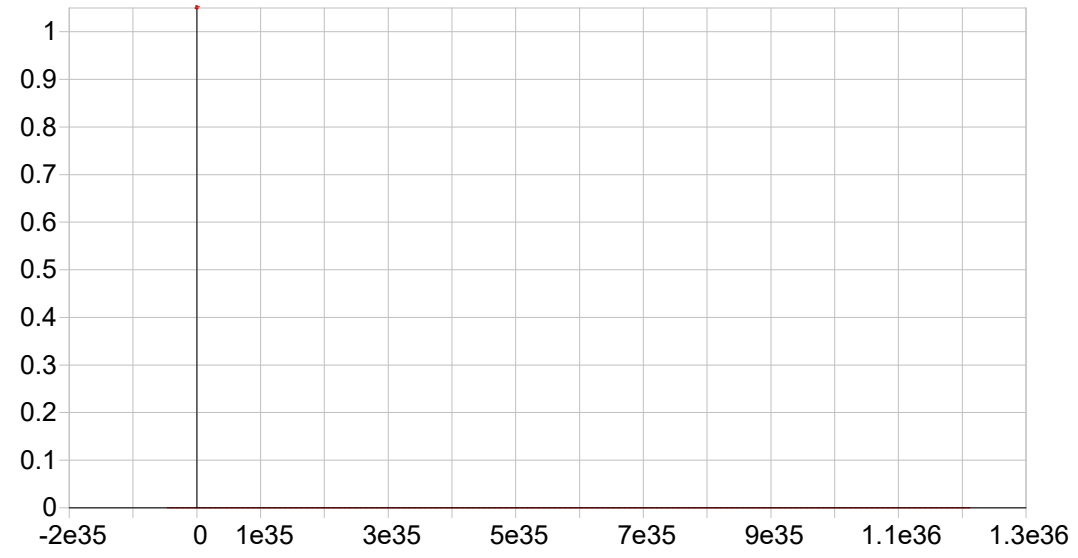
Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097



Y 224.306 {150}*

Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000		Re-Slope:	1.000000	
A1 (Gain):	0.000000		Y-int:	0.000000	
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.000000		Status:	Warning	Zero Gain
Std Error of Est:	0.000000				
Predicted MDL:	n/a				
Predicted MQL:	n/a				

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis



In 230.606 {446}*

Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000		Re-Slope:	1.000000	
A1 (Gain):	0.000000		Y-int:	0.000000	

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

A2 (Curvature):		0.000000					
n (Exponent):		1.000000					
Correlation:		0.000000		Status:	Warning	Zero Gain	
Std Error of Est:		0.000000					
Predicted MDL:		n/a					
Predicted MQL:		n/a					

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: S0 Acquired: 6/10/2025 14:01:02 Type: Cal
Method: 6010-200.7 NEW(v2) Mode: IR Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**-.00019**	**-.00053**	**-.00011**	**.00051**	**-.00005**	**.00050**	**.01566**	**-.00068**
Stddev	.00006	.00005	.00019	.00014	.00019	.00049	.00212	.00041
%RSD	31.360	9.8112	172.71	26.569	422.21	97.644	13.561	61.023
#1	-.00018	-.00057	.00008	.00064	-.00003	.00094	.01326	-.00105
#2	-.00026	-.00054	-.00029	.00053	.00014	.00060	.01730	-.00074
#3	-.00014	-.00047	-.00012	.00037	-.00025	-.00003	.01641	-.00024

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.00004**	**.00168**	**.00017**	**-.00006**	**-.00073**	**.00005**	**.00027**	**.00003**
Stddev	.00017	.00021	.00002	.00007	.00012	.00001	.00015	.00023
%RSD	430.67	12.567	14.320	120.51	15.988	26.260	56.527	889.58
#1	-.00015	.00166	.00019	-.00011	-.00062	.00004	.00034	.00021
#2	.00011	.00148	.00017	-.00009	-.00072	.00006	.00038	-.00023
#3	.00015	.00190	.00014	.00002	-.00085	.00003	.00010	.00010

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**-.00003**	**-.00035**	**.00270**	**.00005**	**.00369**	**.00056**	**.00067**	**.00038**
Stddev	.00012	.00002	.00010	.00013	.00056	.00006	.00015	.00010
%RSD	401.07	7.1096	3.6729	279.58	15.039	10.787	23.165	26.227
#1	.00008	-.00034	.00260	.00003	.00432	.00050	.00057	.00040
#2	-.00001	-.00033	.00280	.00019	.00329	.00062	.00059	.00047
#3	-.00015	-.00038	.00272	-.00008	.00346	.00056	.00085	.00027

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.00057**	**.00215**	**.00015**	**-.00079**	**.00017**	**-.00126**	**-.00009**
Stddev	.00006	.00015	.00003	.00002	.00003	.00046	.00017
%RSD	10.221	6.7838	20.240	2.8131	18.638	36.462	184.04
#1	.00051	.00199	.00013	-.00079	.00018	-.00140	-.00025
#2	.00058	.00220	.00013	-.00081	.00014	-.00075	-.00011
#3	.00062	.00227	.00018	-.00076	.00020	-.00164	.00008

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: S0 Acquired: 6/10/2025 14:01:02 Type: Cal
Method: 6010-200.7 NEW(v2) Mode: IR Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3320.6	76049.	11474.	2489.1	4686.1
Stddev	16.6	194.	24.	7.8	22.3
%RSD	.50082	.25556	.20732	.31444	.47650
#1	3338.6	75865.	11492.	2485.0	4711.8
#2	3317.4	76028.	11482.	2484.2	4675.0
#3	3305.8	76252.	11447.	2498.2	4671.4

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: S1 Acquired: 6/10/2025 14:05:28 Type: Cal
Method: 6010-200.7 NEW(v2) Mode: IR Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.00104**	**.00316**	**.00200**	**.00154**	**.00596**	**.01602**	**.32978**	**.02439**
Stddev	.00009	.00011	.00018	.00016	.00009	.00057	.00361	.00040
%RSD	8.3323	3.5548	8.8282	10.062	1.5875	3.5385	1.0941	1.6399
#1	.00100	.00318	.00208	.00168	.00600	.01626	.33293	.02406
#2	.00115	.00304	.00212	.00137	.00585	.01537	.32584	.02427
#3	.00099	.00326	.00179	.00158	.00603	.01643	.33056	.02483

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.01475**	**.11005**	**.00173**	**.02299**	**.01505**	**.00058**	**.01063**	**.02563**
Stddev	.00018	.00046	.00000	.00022	.00024	.00003	.00010	.00001
%RSD	1.2062	.41355	.28134	.95167	1.6064	4.3736	.97781	.05472
#1	.01485	.11042	.00173	.02295	.01513	.00059	.01073	.02561
#2	.01455	.10954	.00172	.02323	.01477	.00056	.01063	.02563
#3	.01486	.11019	.00173	.02280	.01524	.00061	.01052	.02564

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.02223**	**.00234**	**.02602**	**.00622**	**.11070**	**.01596**	**.04490**	**.15436**
Stddev	.00024	.00006	.00010	.00006	.00097	.00019	.00034	.00024
%RSD	1.0846	2.7652	.36705	.97412	.87247	1.1760	.75864	.15831
#1	.02219	.00230	.02611	.00629	.11034	.01601	.04511	.15422
#2	.02249	.00232	.02604	.00619	.10997	.01613	.04451	.15422
#3	.02201	.00242	.02592	.00617	.11180	.01576	.04509	.15465

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.00570**	**.02220**	**.00154**	**-.00020**	**.00070**	**.00734**	**.22396**
Stddev	.00006	.00005	.00007	.00004	.00008	.00046	.00086
%RSD	1.0625	.22731	4.3588	19.121	11.037	6.2565	.38235
#1	.00565	.02222	.00149	-.00016	.00077	.00757	.22490
#2	.00568	.02223	.00162	-.00023	.00071	.00681	.22324
#3	.00577	.02214	.00153	-.00021	.00062	.00764	.22373

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: S1 Acquired: 6/10/2025 14:05:28 Type: Cal
Method: 6010-200.7 NEW(v2) Mode: IR Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3359.3	80016.	11962.	2513.3	4746.9
Stddev	4.4	127.	54.	5.6	3.7
%RSD	.12977	.15924	.45426	.22169	.07887
#1	3363.3	80147.	11929.	2517.7	4751.2
#2	3359.9	80008.	12025.	2515.2	4745.2
#3	3354.6	79893.	11933.	2507.1	4744.2

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: S2 Acquired: 6/10/2025 14:09:52 Type: Cal
Method: 6010-200.7 NEW(v2) Mode: IR Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.04464	.07641	.13143	.04192	.08965	.21356	5.1755	.15962
Stddev	.00028	.00063	.00019	.00005	.00036	.00034	.0063	.00071
%RSD	.62007	.82261	.14608	.11479	.40234	.16022	.12155	.44217
#1	.04434	.07712	.13160	.04192	.08924	.21393	5.1696	.15938
#2	.04487	.07615	.13122	.04196	.08994	.21325	5.1746	.16042
#3	.04473	.07595	.13146	.04187	.08976	.21350	5.1821	.15907

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.96820	.21906	.02599	.30688	.14792	.00468	.20444	.04952
Stddev	.00098	.00059	.00007	.00047	.00054	.00001	.00062	.00004
%RSD	.10092	.26867	.25028	.15447	.36574	.30245	.30394	.08820
#1	.96797	.21942	.02594	.30653	.14735	.00469	.20408	.04948
#2	.96736	.21838	.02597	.30669	.14842	.00466	.20408	.04951
#3	.96927	.21938	.02606	.30742	.14800	.00468	.20516	.04957

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.22033	.05368	.05516	.06487	1.0926	.03420	.34058	.63607
Stddev	.00030	.00007	.00015	.00040	.0044	.00036	.00092	.00065
%RSD	.13391	.13619	.27661	.61611	.40366	1.0537	.26914	.10209
#1	.22013	.05376	.05506	.06508	1.0921	.03422	.34011	.63532
#2	.22019	.05368	.05533	.06441	1.0972	.03455	.33999	.63651
#3	.22067	.05361	.05508	.06513	1.0884	.03383	.34163	.63638

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.10416	.41724	.00352	.02524	.02149	.36408	8.7739
Stddev	.00039	.00116	.00003	.00011	.00014	.00043	.0060
%RSD	.37763	.27790	.71736	.41922	.64975	.11801	.06890
#1	.10384	.41708	.00355	.02535	.02150	.36361	8.7691
#2	.10405	.41617	.00350	.02522	.02135	.36419	8.7720
#3	.10460	.41847	.00353	.02514	.02162	.36445	8.7807

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: S2 Acquired: 6/10/2025 14:09:52 Type: Cal
Method: 6010-200.7 NEW(v2) Mode: IR Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3374.2**	**75519.**	**12188.**	**2489.9**	**4677.4**
Stddev	11.7	126.	25.	18.6	10.8
%RSD	.34608	.16674	.20248	.74881	.23157
#1	3385.5	75527.	12187.	2485.9	4688.9
#2	3362.2	75389.	12214.	2473.6	4667.4
#3	3374.7	75640.	12165.	2510.2	4675.9

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: S3 Acquired: 6/10/2025 14:14:02 Type: Cal
Method: 6010-200.7 NEW(v2) Mode: IR Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.13694	.23450	.40194	.12831	.27327	.64386	15.627	.48032
Stddev	.00085	.00080	.00158	.00045	.00124	.00230	.016	.00051
%RSD	.62178	.34218	.39388	.34698	.45322	.35755	.10341	.10693
#1	.13645	.23380	.40156	.12800	.27245	.64629	15.633	.47986
#2	.13646	.23537	.40058	.12810	.27267	.64172	15.609	.48087
#3	.13793	.23432	.40368	.12882	.27469	.64357	15.640	.48022

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.9816	.65709	.07700	.93980	.44363	.01401	.61370	.14931
Stddev	.0100	.00096	.00040	.00357	.00242	.00017	.00127	.00055
%RSD	.33395	.14621	.51445	.37938	.54487	1.2402	.20745	.37159
#1	2.9797	.65766	.07702	.93832	.44141	.01416	.61501	.14881
#2	2.9727	.65764	.07739	.93721	.44328	.01404	.61364	.14991
#3	2.9923	.65598	.07659	.94387	.44620	.01382	.61247	.14923

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.67320	.16049	.16628	.19711	3.2350	.10421	1.0360	1.9057
Stddev	.00281	.00045	.00085	.00034	.0238	.00045	.0022	.0090
%RSD	.41734	.27759	.51100	.16995	.73696	.42938	.21573	.47191
#1	.67233	.16049	.16710	.19676	3.2503	.10462	1.0349	1.8993
#2	.67094	.16093	.16633	.19715	3.2471	.10428	1.0386	1.9019
#3	.67635	.16004	.16540	.19743	3.2075	.10373	1.0346	1.9160

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.31964	1.2590	.01050	.08222	.06840	1.1788	26.302
Stddev	.00104	.0031	.00001	.00018	.00024	.0064	.208
%RSD	.32575	.24459	.09043	.21508	.35615	.54108	.78961
#1	.31924	1.2623	.01048	.08202	.06824	1.1861	26.083
#2	.31886	1.2583	.01050	.08227	.06829	1.1741	26.496
#3	.32082	1.2563	.01050	.08236	.06868	1.1763	26.327

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: S3 Acquired: 6/10/2025 14:14:02 Type: Cal
Method: 6010-200.7 NEW(v2) Mode: IR Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3293.5**	**74498.**	**12022.**	**2438.2**	**4433.5**
Stddev	15.2	318.	19.	25.5	14.8
%RSD	.46166	.42648	.15610	1.0469	.33324
#1	3304.8	74253.	12001.	2414.6	4441.8
#2	3299.4	74385.	12037.	2434.5	4442.4
#3	3276.2	74857.	12029.	2465.3	4416.5

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: S4 Acquired: 6/10/2025 14:18:17 Type: Cal
Method: 6010-200.7 NEW(v2) Mode: IR Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.27541	.46741	.79387	.25617	.55128	1.3138	30.967	1.0036
Stddev	.00098	.00534	.00308	.00068	.00136	.0037	.176	.0036
%RSD	.35470	1.1422	.38762	.26633	.24748	.27764	.56925	.35825
#1	.27546	.46780	.79723	.25604	.55046	1.3109	30.928	1.0074
#2	.27441	.46189	.79120	.25556	.55053	1.3126	30.813	1.0003
#3	.27636	.47255	.79317	.25691	.55286	1.3179	31.159	1.0030

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5.9290	1.3185	.15009	1.8738	.87512	.02588	1.2211	.30798
Stddev	.0167	.0012	.00027	.0049	.00221	.00001	.0037	.00088
%RSD	.28086	.09176	.17944	.25912	.25238	.03725	.30100	.28627
#1	5.9471	1.3199	.15040	1.8788	.87280	.02589	1.2249	.30873
#2	5.9142	1.3180	.14992	1.8691	.87536	.02587	1.2176	.30820
#3	5.9257	1.3176	.14995	1.8736	.87720	.02589	1.2209	.30701

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.3328	.31415	.31312	.39924	6.2668	.19857	2.1925	3.7925
Stddev	.0039	.00056	.00127	.00116	.0084	.00099	.0054	.0083
%RSD	.29225	.17668	.40643	.29073	.13377	.49753	.24689	.21928
#1	1.3370	.31384	.31274	.40005	6.2627	.19790	2.1981	3.7885
#2	1.3293	.31479	.31208	.39791	6.2764	.19810	2.1873	3.7870
#3	1.3321	.31382	.31454	.39976	6.2612	.19970	2.1922	3.8021

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.63651	2.5262	.01981	.16715	.13944	2.4579	51.977
Stddev	.00271	.0050	.00005	.00106	.00028	.0133	.198
%RSD	.42565	.19744	.27264	.63633	.19851	.54271	.38175
#1	.63885	2.5261	.01981	.16804	.13945	2.4624	51.748
#2	.63354	2.5213	.01986	.16597	.13916	2.4429	52.103
#3	.63714	2.5313	.01975	.16744	.13971	2.4684	52.079

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: S4 Acquired: 6/10/2025 14:18:17 Type: Cal
Method: 6010-200.7 NEW(v2) Mode: IR Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3212.9**	**75009.**	**11210.**	**2413.4**	**4274.7**
Stddev	9.9	91.	17.	12.3	7.0
%RSD	.30929	.12177	.15514	.51011	.16352
#1	3223.4	75114.	11192.	2427.5	4277.7
#2	3211.5	74949.	11226.	2407.1	4279.7
#3	3203.7	74964.	11212.	2405.4	4266.7

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: S5 Acquired: 6/10/2025 14:22:28 Type: Cal
Method: 6010-200.7 NEW(v2) Mode: IR Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.57085	.94220	1.6051	.53200	1.1402	2.7147	65.512	1.8735
Stddev	.00143	.00828	.0057	.00214	.0030	.0037	.382	.0073
%RSD	.25054	.87930	.35723	.40225	.26299	.13533	.58313	.39185
#1	.56952	.93562	1.6007	.52966	1.1375	2.7182	65.755	1.8810
#2	.57066	.93946	1.6030	.53247	1.1398	2.7108	65.071	1.8663
#3	.57237	.95150	1.6116	.53387	1.1434	2.7152	65.709	1.8734

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	12.077	2.6632	.29915	3.8354	1.7768	.05784	2.4866	.61496
Stddev	.024	.0227	.00052	.0092	.0047	.00015	.0149	.00631
%RSD	.20210	.85266	.17229	.24116	.26312	.25674	.59807	1.0256
#1	12.065	2.6894	.29938	3.8307	1.7723	.05801	2.5037	.62225
#2	12.062	2.6499	.29856	3.8294	1.7765	.05781	2.4780	.61143
#3	12.106	2.6502	.29951	3.8461	1.7817	.05772	2.4779	.61122

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.7149	.64453	.74733	.81858	12.688	.46441	4.0920	7.6501
Stddev	.0064	.00171	.00365	.00320	.028	.00207	.0130	.0191
%RSD	.23486	.26540	.48890	.39042	.21885	.44538	.31727	.24953
#1	2.7136	.64256	.74312	.82218	12.661	.46215	4.1064	7.6292
#2	2.7092	.64563	.74946	.81749	12.717	.46620	4.0813	7.6544
#3	2.7218	.64541	.74943	.81608	12.685	.46488	4.0882	7.6666

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.2901	5.2221	.04468	.34968	.29559	5.3388	105.96
Stddev	.0043	.0179	.00011	.00171	.00106	.0165	.48
%RSD	.33023	.34354	.23504	.49016	.36010	.30945	.45280
#1	1.2896	5.2424	.04456	.34884	.29472	5.3208	106.04
#2	1.2862	5.2155	.04471	.34855	.29527	5.3533	105.45
#3	1.2946	5.2084	.04477	.35166	.29678	5.3424	106.40

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: S5 Acquired: 6/10/2025 14:22:28 Type: Cal
Method: 6010-200.7 NEW(v2) Mode: IR Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3039.9	71400.	11763.	2259.1	3976.8
Stddev	6.2	134.	39.	11.4	11.2
%RSD	.20275	.18764	.32925	.50529	.28113
#1	3046.4	71548.	11718.	2266.5	3983.0
#2	3039.2	71288.	11784.	2245.9	3983.5
#3	3034.2	71363.	11786.	2264.8	3963.9

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: ICV01 Acquired: 6/10/2025 14:37:32 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**3.847446**	**3.742897**	**3.800360**	**3.879960**	**4.018746**	**7.519796**
Stddev	.015157	.034741	.014526	.008117	.009087	.015506
%RSD	.3939515	.9281785	.3822371	.2092060	.2261159	.2062037
#1	3.842235	3.764652	3.793404	3.880769	4.023570	7.524753
#2	3.835582	3.702831	3.790620	3.871469	4.008265	7.532217
#3	3.864521	3.761209	3.817057	3.887643	4.024405	7.502417

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**7.447499**	**.1978503**	**1.917935**	**18.48348**	**.7939206**	**1.935888**
Stddev	.038763	.0002846	.005709	.05346	.0024817	.005701
%RSD	.5204832	.1438531	.2976687	.2892272	.3125935	.2944995
#1	7.492118	.1976200	1.916721	18.44322	.7928632	1.934338
#2	7.422127	.1981685	1.912931	18.46308	.7921426	1.931123
#3	7.428251	.1977625	1.924154	18.54413	.7967559	1.942204

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.9940204**	**3.765695**	**1.857517**	**18.67115**	**1.932694**	**.9776200**
Stddev	.0022293	.012477	.005030	.04138	.006341	.0011274
%RSD	.2242746	.3313369	.2707970	.2216520	.3280991	.1153244
#1	.9928567	3.760499	1.852356	18.63469	1.929127	.9777165
#2	.9926138	3.756656	1.857791	18.66263	1.928940	.9764474
#3	.9965908	3.779931	1.862405	18.71613	1.940015	.9786961

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**21.85752**	**1.900139**	**1.981174**	**21.77699**	F **.0032236**	F **-.000229**
Stddev	.02761	.002431	.005517	.06006	.0000779	.000197
%RSD	.1263243	.1279487	.2784563	.2757755	2.415485	86.18112
#1	21.88080	1.900521	1.979850	21.71126	.0031431	-.000049
#2	21.86476	1.897540	1.976440	21.79073	.0032986	-.000198
#3	21.82702	1.902358	1.987233	21.82898	.0032289	-.000440

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: ICV01 Acquired: 6/10/2025 14:37:32 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F -.000998	F -.002279	F -.033838	F .0043324	F .0103372	F .0031267
Stddev	.001124	.000337	.006329	.0022444	.0027968	.0009325
%RSD	112.6486	14.77932	18.70461	51.80522	27.05605	29.82494
#1	-.002076	-.002157	-.040227	.0018879	.0096106	.0040540
#2	-.001085	-.002659	-.033715	.0063001	.0079754	.0021890
#3	.000167	-.002019	-.027571	.0048092	.0134257	.0031372

Elem	Sr4077
Units	ppm
Avg	F -.003402
Stddev	.000064
%RSD	1.880641
#1	-.003445
#2	-.003328
#3	-.003432

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3226.182	73880.58	11937.65	2391.538	4371.314
Stddev	6.684	137.59	5.10	9.202	12.680
%RSD	.2071953	.1862318	.0427469	.3847602	.2900678
#1	3231.606	73925.66	11941.57	2392.509	4378.460
#2	3228.224	73989.98	11931.88	2400.215	4378.807
#3	3218.714	73726.11	11939.49	2381.889	4356.674

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: LLICV01 Acquired: 6/10/2025 14:41:42 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0211558	.0413196	.0128074	.0196840	.0549896	.1096157	.1006274
Stddev	.0012015	.0011687	.0010942	.0033727	.0004966	.0036955	.0004951
%RSD	5.679278	2.828539	8.543763	17.13412	.9029947	3.371323	.4920171
#1	.0203513	.0403906	.0127153	.0179441	.0554437	.1132926	.1011606
#2	.0205792	.0409364	.0139448	.0175366	.0550657	.1096525	.1001821
#3	.0225369	.0426319	.0117622	.0235714	.0544594	.1059019	.1005396

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0062303	.0063097	2.043250	.0107801	.0305363	.0225551	.1083439
Stddev	.0000355	.0000837	.006691	.0002468	.0000494	.0002521	.0016442
%RSD	.5693019	1.326908	.3274624	2.289189	.1618310	1.117901	1.517534
#1	.0061927	.0064060	2.050892	.0105336	.0305255	.0225926	.1100990
#2	.0062350	.0062685	2.040414	.0107795	.0304932	.0227864	.1080931
#3	.0062632	.0062545	2.038444	.0110271	.0305902	.0222863	.1068395

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0211023	2.034436	.0415672	.0105254	1.917340	.0386884	.0437437
Stddev	.0004426	.013840	.0002559	.0001113	.012204	.0006452	.0001410
%RSD	2.097399	.6802855	.6156788	1.057443	.6365107	1.667786	.3223695
#1	.0212250	2.044965	.0412789	.0106259	1.918714	.0394210	.0438657
#2	.0206113	2.018760	.0417674	.0105445	1.928799	.0384396	.0435893
#3	.0214706	2.039584	.0416552	.0104058	1.904507	.0382046	.0437760

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.964150	.1042191	.2034675	.0400432	.0385389	.3795923	.0164205
Stddev	.029729	.0002075	.0009062	.0007317	.0005856	.0054598	.0009639
%RSD	1.513578	.1991375	.4453922	1.827344	1.519521	1.438337	5.869790
#1	1.930024	.1039810	.2026139	.0398065	.0389696	.3743299	.0153889
#2	1.984435	.1043613	.2033701	.0408639	.0378721	.3852301	.0165746
#3	1.977990	.1043150	.2044185	.0394591	.0387749	.3792168	.0172980

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: LLICV01 Acquired: 6/10/2025 14:41:42 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0204096	.0174523	.0215761
Stddev	.0015713	.0018664	.0000220
%RSD	7.698912	10.69446	.1021190
#1	.0194352	.0154100	.0215954
#2	.0222223	.0190696	.0215808
#3	.0195713	.0178772	.0215521

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3325.776	76172.04	12618.48	2474.063	4684.051
Stddev	14.027	151.37	36.00	9.056	10.424
%RSD	.4217746	.1987185	.2852903	.3660457	.2225322
#1	3338.391	75998.73	12584.27	2464.010	4692.862
#2	3328.266	76278.32	12615.13	2481.582	4686.747
#3	3310.670	76239.06	12656.04	2476.599	4672.545

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: ICB01 Acquired: 6/10/2025 14:45:59 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001272	-.001293	-.001652	.0004080	.0013510	.0036334	-.002035
Stddev	.0005388	.001159	.000479	.0042203	.0015471	.0049747	.000119
%RSD	423.5258	89.61267	29.01647	1034.411	114.5165	136.9162	5.855710
#1	-.000338	.000022	-.002198	.0050053	.0002428	-.000049	-.002085
#2	.000718	-.002165	-.001461	-.003290	.0006916	.009293	-.002120
#3	.000001	-.001737	-.001298	-.000491	.0031185	.001657	-.001899

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000562	.0000495	.0058617	.0002110	-.000027	-.000146	-.000696
Stddev	.0000683	.0001415	.0013251	.0000994	.000242	.000122	.000234
%RSD	121.5343	285.4967	22.60521	47.09817	881.3026	83.74588	33.62915
#1	.0000482	.0000133	.0047641	.0002375	-.000154	-.000153	-.000586
#2	-.000008	-.000070	.0073337	.0001011	-.000180	-.000264	-.000965
#3	.000128	.000206	.0054874	.0002945	.000252	-.000020	-.000538

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000297	.0078515	-.000078	.0000493	-.080610	-.000482	-.000163
Stddev	.0001667	.0052995	.000066	.0003032	.003535	.001324	.000147
%RSD	560.9660	67.49728	84.69481	614.6364	4.385841	274.4214	90.36700
#1	.0000689	.0132507	-.000142	.0003478	-.076641	.000852	-.000215
#2	.0001733	.0026576	-.000010	.0000587	-.083423	-.000504	-.000277
#3	-.000153	.0076462	-.000083	-.000258	-.081767	-.001795	.000003

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.017844	.0030508	-.000061	-.000281	.0001314	.0051061	-.001220
Stddev	.016485	.0006859	.000229	.000160	.0002785	.0087525	.002621
%RSD	92.38225	22.48347	372.6323	56.96393	211.9883	171.4146	214.8514
#1	-.036773	.0038429	.000192	-.000345	.0003555	-.003731	-.003543
#2	-.006647	.0026553	-.000252	-.000099	.0002190	.013772	-.001739
#3	-.010112	.0026543	-.000124	-.000398	-.000180	.005278	.001622

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: ICB01 Acquired: 6/10/2025 14:45:59 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	**-.000544**	**-.001181**	**.0000114**
Stddev	.001172	.001112	.0000350
%RSD	215.5479	94.17074	308.7987
#1	-.000853	-.000109	.0000367
#2	-.001530	-.001105	.0000259
#3	.000752	-.002329	-.000029

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3315.416**	**77083.35**	**12163.57**	**2453.981**	**4744.298**
Stddev	15.121	236.47	22.18	12.795	12.798
%RSD	.4560820	.3067763	.1823437	.5214084	.2697583
#1	3321.237	76926.06	12138.35	2450.758	4747.156
#2	3326.761	76968.70	12172.30	2443.106	4755.425
#3	3298.249	77355.30	12180.05	2468.080	4730.312

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: CRI01 Acquired: 6/10/2025 14:50:18 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0228906	.0408249	.0134118	.0195496	.0533342	.1051896	.0987248
Stddev	.0016962	.0020811	.0019842	.0019130	.0008885	.0022447	.0007079
%RSD	7.410061	5.097638	14.79463	9.785566	1.665814	2.133989	.7170301
#1	.0213172	.0429996	.0153549	.0176006	.0523187	.1064204	.0986587
#2	.0246874	.0388521	.0134917	.0214246	.0537154	.1025987	.0980523
#3	.0226672	.0406230	.0113889	.0196237	.0539684	.1065498	.0994635

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0062175	.0060720	2.032542	.0107354	.0304390	.0227199	.1114096
Stddev	.0000773	.0000640	.012691	.0001056	.0002141	.0004078	.0056365
%RSD	1.243941	1.054046	.6243718	.9836071	.7034496	1.795015	5.059284
#1	.0061286	.0061401	2.030712	.0106239	.0306843	.0224796	.1086018
#2	.0062552	.0060132	2.020866	.0107483	.0303433	.0224894	.1178985
#3	.0062688	.0060625	2.046049	.0108339	.0302894	.0231908	.1077284

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0210026	2.036671	.0407874	.0106331	1.894631	.0390947	.0441034
Stddev	.0002801	.030427	.0003866	.0002594	.007905	.0008455	.0004596
%RSD	1.333448	1.493948	.9478401	2.439328	.4172134	2.162670	1.042155
#1	.0213259	2.071464	.0411616	.0104696	1.903576	.0390245	.0435727
#2	.0208471	2.023498	.0403895	.0104975	1.888587	.0399731	.0443773
#3	.0208348	2.015050	.0408110	.0109321	1.891730	.0382866	.0443601

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.986417	.1023203	.2041835	.0395025	.0386649	.3815861	.0174513
Stddev	.006511	.0012506	.0007480	.0003744	.0001111	.0055074	.0012817
%RSD	.3277590	1.222250	.3663149	.9478974	.2873743	1.443281	7.344502
#1	1.993649	.1015054	.2040005	.0390803	.0386451	.3865531	.0173421
#2	1.981022	.1016953	.2035441	.0396331	.0385651	.3825418	.0187842
#3	1.984580	.1037602	.2050061	.0397942	.0387846	.3756635	.0162278

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: CRI01 Acquired: 6/10/2025 14:50:18 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0189758	.0158123	.0215268
Stddev	.0022942	.0006419	.0001056
%RSD	12.09007	4.059339	.4905976
#1	.0185455	.0165148	.0215039
#2	.0169272	.0152564	.0214345
#3	.0214547	.0156658	.0216420

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3321.994	75609.40	12690.74	2417.704	4735.947
Stddev	11.613	107.03	60.50	9.042	15.794
%RSD	.3495767	.1415622	.4767105	.3739944	.3334963
#1	3328.979	75637.42	12671.28	2420.084	4736.236
#2	3328.414	75491.15	12758.57	2407.710	4751.594
#3	3308.588	75699.64	12642.37	2425.318	4720.010

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: ICSA01 Acquired: 6/10/2025 14:54:36 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0083370**	**-.008114**	**-.003620**	**-.003787**	**-.002432**	**256.1661**
Stddev	.0007707	.002314	.002119	.004810	.002701	.9930
%RSD	9.244934	28.52164	58.54471	127.0186	111.0415	.3876264
#1	.0078302	-.008879	-.002099	-.007498	-.004794	257.2431
#2	.0092240	-.009949	-.006040	-.005510	.000512	255.2870
#3	.0079569	-.005514	-.002720	.001647	-.003014	255.9680

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0028422**	**.0011049**	**.0042001**	**238.6715**	**.0473812**	**.0015352**
Stddev	.0001655	.0001550	.0002361	.4579	.0001738	.0003036
%RSD	5.821057	14.02872	5.622257	.1918500	.3668380	19.77618
#1	.0026677	.0009518	.0043135	239.1495	.0475700	.0012365
#2	.0028624	.0012618	.0039286	238.6283	.0472278	.0015256
#3	.0029967	.0011009	.0043581	238.2367	.0473458	.0018434

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0033605**	**96.97658**	**.0003675**	**261.0645**	**.0025683**	**-.002858**
Stddev	.0008022	.47757	.0006033	.7332	.0002723	.000311
%RSD	23.87118	.4924545	164.1900	.2808353	10.60167	10.88167
#1	.0039665	96.49168	.0010607	261.8586	.0028818	-.003090
#2	.0024508	96.99161	.0000806	260.9216	.0023914	-.002504
#3	.0036642	97.44646	-.000039	260.4134	.0024316	-.002979

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.038167**	**.0026026**	**.0063232**	**-.007549**	**-.068408**	**-.000237**
Stddev	.008345	.0019879	.0002437	.008405	.001533	.000274
%RSD	21.86557	76.38141	3.854358	111.3468	2.240336	115.4423
#1	-.034695	.0009691	.0061641	-.003106	-.069823	.000057
#2	-.032118	.0048159	.0066038	-.017243	-.068621	-.000285
#3	-.047688	.0020228	.0062018	-.002297	-.066780	-.000483

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: ICSA01 Acquired: 6/10/2025 14:54:36 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003071	-.002357	.0307502	.0000856	-.002919	F .0776468
Stddev	.001596	.001050	.0105269	.0041039	.005593	.0008352
%RSD	51.97026	44.53771	34.23365	4792.297	191.6382	1.075570
#1	-.004856	-.003053	.0186041	-.004387	-.002053	.0766833
#2	-.001781	-.002869	.0372364	.000965	-.008894	.0781642
#3	-.002577	-.001150	.0364101	.003678	.002191	.0780929

Elem	Sr4077
Units	ppm
Avg	.0079300
Stddev	.0004564
%RSD	5.754655
#1	.0084557
#2	.0076353
#3	.0076991

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2873.009	67289.49	11255.03	2149.103	3706.265
Stddev	1.435	181.88	36.88	17.834	5.215
%RSD	.0499416	.2702956	.3276402	.8298209	.1406999
#1	2871.548	67462.36	11213.55	2169.686	3704.874
#2	2873.061	67306.34	11284.11	2138.261	3701.886
#3	2874.417	67099.77	11267.42	2139.361	3712.034

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: ICSAB01 Acquired: 6/10/2025 15:18:03 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1120719**	**.0925140**	**.0436707**	**.0558137**	**.6328976**	**244.9601**
Stddev	.0048168	.0009987	.0010996	.0064094	.0022442	1.2309
%RSD	4.297969	1.079538	2.517981	11.48348	.3545902	.5024722
#1	.1080830	.0936160	.0424317	.0599130	.6332564	245.6426
#2	.1174232	.0922573	.0445308	.0591004	.6304956	245.6985
#3	.1107096	.0916687	.0440497	.0484277	.6349407	243.5391

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5104575**	**.4845740**	**1.011448**	**230.2915**	**.5491767**	**.5081889**
Stddev	.0004273	.0002113	.006059	.3256	.0013824	.0036367
%RSD	.0836990	.0436063	.5989956	.1413789	.2517296	.7156135
#1	.5108769	.4848146	1.010517	230.6291	.5495125	.5070461
#2	.5104727	.4844186	1.005909	230.2660	.5503602	.5052608
#3	.5100229	.4844888	1.017918	229.9794	.5476572	.5122596

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4963417**	**99.04019**	**.4854668**	**248.3444**	**.9992288**	**.1925285**
Stddev	.0031609	.16392	.0004024	.4334	.0070989	.0004273
%RSD	.6368339	.1655041	.0828803	.1745348	.7104423	.2219203
#1	.4941271	99.12083	.4859142	248.7424	.9967679	.1922366
#2	.4949364	99.14816	.4853516	248.4083	.9936879	.1923301
#3	.4999615	98.85157	.4851346	247.8826	1.007231	.1930189

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.049894**	**.4886238**	**1.068945**	**-.008471**	F **-.033838**	F **.0001429**
Stddev	.008017	.0019419	.003979	.008565	.002093	.0002517
%RSD	16.06821	.3974290	.3722138	101.1096	6.185262	176.0639
#1	-.055282	.4885586	1.072197	-.001247	-.033941	.0004000
#2	-.053719	.4867152	1.064509	-.006233	-.031696	-.000103
#3	-.040681	.4905974	1.070131	-.017932	-.035878	.000132

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: ICSAB01 Acquired: 6/10/2025 15:18:03 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F -.004951	F -.003847	F .0161976	F .0074562	F -.005281	F .0774033
Stddev	.001323	.000481	.0132779	.0016043	.006088	.0012241
%RSD	26.72699	12.50601	81.97457	21.51628	115.2708	1.581453
#1	-.005063	-.004173	.0103060	.0056769	-.011521	.0760201
#2	-.003575	-.003295	.0314017	.0087924	.000642	.0778433
#3	-.006214	-.004074	.0068849	.0078993	-.004965	.0783467

Elem	Sr4077
Units	ppm
Avg	F .0034977
Stddev	.0002008
%RSD	5.741324
#1	.0037145
#2	.0033181
#3	.0034605

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2890.627	67832.65	12018.99	2153.697	3745.170
Stddev	26.485	135.51	30.68	6.766	29.497
%RSD	.9162485	.1997655	.2552529	.3141731	.7875969
#1	2914.377	67828.96	12000.22	2146.699	3765.892
#2	2895.438	67699.02	12002.35	2154.188	3758.218
#3	2862.066	67969.96	12054.39	2160.205	3711.399

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: ICSADLX20 Acquired: 6/10/2025 15:22:17 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: ICSADLX20 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007166	-.000777	-.000217	.0005261	.0000921	12.19066	-.000954
Stddev	.0010759	.000699	.001783	.0017429	.0020138	.01002	.000707
%RSD	150.1450	90.01160	823.1517	331.3118	2187.135	.0821644	74.05329
#1	.0011737	-.001370	-.001520	-.001480	-.001902	12.17939	-.000471
#2	.0014884	-.000006	.001815	.001390	.002125	12.19403	-.001765
#3	-.000512	-.000954	-.000945	.001669	.000053	12.19856	-.000626

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001434	.0001855	11.99808	.0022946	.0002785	.0004883	4.794396
Stddev	.0000420	.0000505	.04371	.0001309	.0000753	.0001069	.023150
%RSD	29.26001	27.19822	.3643202	5.703732	27.02596	21.88703	.4828513
#1	.0001325	.0001278	12.04842	.0021486	.0002478	.0006104	4.809230
#2	.0001080	.0002212	11.97605	.0024014	.0003643	.0004429	4.806238
#3	.0001897	.0002075	11.96977	.0023337	.0002234	.0004116	4.767721

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001422	12.39894	.0002371	.0011396	-.121335	-.001466	.0004828
Stddev	.0001479	.03510	.0003253	.0001189	.014924	.001102	.0001175
%RSD	104.0330	.2830793	137.1918	10.42989	12.29973	75.20335	24.33605
#1	.0001697	12.43603	.0003217	.0011488	-.128276	-.000382	.0005393
#2	.0002744	12.36625	.0005117	.0010165	-.104205	-.002585	.0003477
#3	-.000018	12.39453	-.000122	.0012537	-.131525	-.001430	.0005613

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.034683	-.003246	-.000031	-.000865	-.000189	.0081805	.0010367
Stddev	.032217	.000664	.000229	.000442	.000487	.0015923	.0012527
%RSD	92.88899	20.46095	742.6647	51.10721	257.9903	19.46449	120.8354
#1	-.004699	-.002865	.000232	-.000609	.000027	.0080369	.0003974
#2	-.068745	-.002859	-.000189	-.000610	.000153	.0098397	.0002326
#3	-.030606	-.004012	-.000136	-.001375	-.000746	.0066648	.0024800

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: ICSADLX20 Acquired: 6/10/2025 15:22:17 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: ICSADLX20 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001470	.0004126	.0003952
Stddev	.002147	.0012593	.0000594
%RSD	146.0749	305.1812	15.02284
#1	.000852	-.001010	.0003299
#2	-.003384	.000862	.0004098
#3	-.001878	.001386	.0004459

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3315.588	76751.37	12161.65	2455.080	4610.917
Stddev	16.576	191.36	15.60	12.888	19.026
%RSD	.4999341	.2493182	.1282883	.5249698	.4126215
#1	3327.573	76597.88	12144.83	2444.746	4623.665
#2	3322.520	76690.45	12175.65	2450.973	4620.037
#3	3296.672	76965.76	12164.47	2469.521	4589.048

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: ICSABDLX20 Acquired: 6/10/2025 15:26:34 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: ICSABDLX20 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0066608	.0034685	.0017133	.0006756	.0322021	12.60608	.0256540
Stddev	.0005138	.0004523	.0018659	.0039552	.0007234	.02759	.0003934
%RSD	7.714347	13.04037	108.9071	585.4285	2.246395	.2188490	1.533484
#1	.0072438	.0036336	.0000757	.0010930	.0330374	12.63794	.0258199
#2	.0064645	.0038150	.0037447	-.003472	.0317892	12.59007	.0252048
#3	.0062740	.0029568	.0013196	.004406	.0317797	12.59023	.0259372

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0268683	.0536643	12.53056	.0300131	.0265453	.0280165	5.160137
Stddev	.0001792	.0002773	.03840	.0001487	.0003160	.0000921	.009943
%RSD	.6669771	.5168232	.3064772	.4955048	1.190328	.3288918	.1926841
#1	.0270437	.0534253	12.57234	.0299512	.0262293	.0279846	5.151999
#2	.0268757	.0535993	12.52254	.0299054	.0265454	.0281204	5.157192
#3	.0266855	.0539684	12.49680	.0301828	.0268612	.0279446	5.171220

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0265740	12.84965	.0532133	.0134290	-.122194	.0258798	.0566781
Stddev	.0005531	.02857	.0001890	.0001224	.003683	.0008448	.0001657
%RSD	2.081167	.2223072	.3550895	.9117371	3.013722	3.264301	.2922805
#1	.0272125	12.84959	.0530034	.0132998	-.119255	.0265773	.0565008
#2	.0262649	12.87824	.0533698	.0135433	-.126325	.0261218	.0567048
#3	.0262446	12.82111	.0532667	.0134439	-.121001	.0249405	.0568289

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.054632	.0475317	.0522605	.0492907	.0497306	.0537315	-.000716
Stddev	.007963	.0003805	.0002339	.0002154	.0005691	.0043879	.003183
%RSD	14.57660	.8006017	.4474873	.4370294	1.144334	8.166247	444.3832
#1	-.062374	.0471430	.0520494	.0490811	.0500287	.0524621	-.003990
#2	-.046465	.0475485	.0525119	.0492795	.0490744	.0501183	-.000524
#3	-.055057	.0479036	.0522202	.0495115	.0500888	.0586141	.002366

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: ICSABDLX20 Acquired: 6/10/2025 15:26:34 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: ICSABDLX20 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000542	.0025225	.0002856
Stddev	.003328	.0007180	.0000519
%RSD	614.2954	28.46504	18.15605
#1	-.003772	.0025980	.0003029
#2	.002875	.0031999	.0003267
#3	-.000728	.0017697	.0002274

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3279.594	75714.34	12372.54	2438.736	4534.743
Stddev	5.605	145.72	32.42	6.976	3.043
%RSD	.1709139	.1924599	.2620663	.2860470	.0671078
#1	3273.152	75824.47	12337.54	2446.752	4532.521
#2	3282.274	75769.43	12378.54	2434.041	4538.212
#3	3283.356	75549.10	12401.55	2435.415	4533.497

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: CCV01 Acquired: 6/10/2025 15:30:50 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**5.048884**	**5.104134**	**5.027261**	**5.083329**	**5.063690**	**10.09828**	**9.840418**
Stddev	.039671	.062645	.010523	.040435	.036930	.02923	.041509
%RSD	.7857386	1.227334	.2093136	.7954369	.7293053	.2894966	.4218167
#1	5.017012	5.036370	5.022098	5.053128	5.037344	10.13200	9.885814
#2	5.036326	5.116098	5.020316	5.067594	5.047824	10.08011	9.804402
#3	5.093314	5.159934	5.039368	5.129266	5.105901	10.08273	9.831038

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2621390**	**2.508076**	**24.86969**	**1.029668**	**2.502080**	**1.266830**	**4.861657**
Stddev	.0010169	.004747	.06496	.001231	.005400	.006101	.004632
%RSD	.3879091	.1892537	.2611864	.1195246	.2158170	.4815568	.0952817
#1	.2633094	2.505623	24.94469	1.028259	2.498317	1.261483	4.858874
#2	.2616360	2.505058	24.83144	1.030217	2.499656	1.265532	4.859092
#3	.2614718	2.513547	24.83294	1.030529	2.508267	1.273475	4.867004

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.475092**	**24.95644**	**2.507389**	**1.268054**	**24.07185**	**2.509873**	**2.563091**
Stddev	.008024	.08555	.004822	.002066	.06405	.004744	.002905
%RSD	.3241795	.3427892	.1923124	.1629256	.2660752	.1890089	.1133306
#1	2.484128	25.02861	2.508065	1.265781	24.05190	2.513555	2.562968
#2	2.472343	24.86194	2.502264	1.268563	24.02015	2.504520	2.560250
#3	2.468803	24.97876	2.511836	1.269818	24.14350	2.511544	2.566056

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**24.24231**	**5.153914**	**5.112010**	**5.045340**	**4.979667**	**4.809499**	**5.007241**
Stddev	.09092	.013504	.032569	.008281	.010974	.054089	.017499
%RSD	.3750639	.2620151	.6371162	.1641353	.2203720	1.124620	.3494754
#1	24.16917	5.162763	5.085802	5.043614	4.992183	4.754318	4.992627
#2	24.21365	5.160609	5.101754	5.038058	4.975123	4.811752	5.002463
#3	24.34411	5.138371	5.148472	5.054348	4.971695	4.862425	5.026633

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: CCV01 Acquired: 6/10/2025 15:30:50 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	**4.941350**	**4.919671**	**5.002026**
Stddev	.017635	.044948	.024846
%RSD	.3568891	.9136327	.4967180
#1	4.921004	4.971418	5.021606
#2	4.950799	4.897254	5.010396
#3	4.952247	4.890340	4.974076

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3171.379**	**73299.38**	**11419.09**	**2346.070**	**4250.290**
Stddev	18.467	170.25	54.20	2.531	11.150
%RSD	.5822990	.2322734	.4746636	.1078757	.2623435
#1	3187.206	73444.37	11358.27	2343.149	4259.056
#2	3175.840	73341.86	11436.69	2347.451	4254.073
#3	3151.090	73111.91	11462.30	2347.610	4237.740

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: CCB01 Acquired: 6/10/2025 15:35:02 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000710**	**.0005116**	**-.000036**	**.0002801**	**.0021906**	**.0040115**	**-.001836**
Stddev	.001929	.0010418	.000870	.0017611	.0015174	.0035994	.000546
%RSD	271.4921	203.6438	2429.468	628.7395	69.26894	89.72784	29.74933
#1	.000324	.0014551	-.000607	.0010607	.0037152	.0020397	-.002361
#2	-.002936	.0006861	-.000466	-.001736	.0006806	.0018288	-.001875
#3	.000480	-.000606	.000965	.001516	.0021760	.0081660	-.001271

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0000253**	**.0000043**	**-.001396**	**.0002029**	**.0001028**	**-.000157**	**.0016329**
Stddev	.0000223	.0000346	.009984	.0004122	.0001321	.000250	.0026232
%RSD	87.97354	808.7590	715.0133	203.1496	128.4542	158.8288	160.6512
#1	.0000451	.0000423	.008105	-.000246	.0002242	-.000272	-.000889
#2	.0000012	-.000004	-.000492	.000565	-.000038	.000129	.001440
#3	.0000296	-.000025	-.011801	.000290	.000122	-.000329	.004347

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000002**	**-.005512**	**-.000064**	**.0003701**	**-.137997**	**-.000077**	**-.000279**
Stddev	.000379	.013816	.000239	.0004522	.008162	.000641	.000257
%RSD	21879.42	250.6407	374.2340	122.1918	5.914620	833.4675	92.32625
#1	.000433	-.017075	.000199	.0005609	-.140539	.000497	-.000296
#2	-.000261	.009788	-.000267	-.000146	-.144586	-.000769	-.000526
#3	-.000178	-.009250	-.000124	.000696	-.128867	.000041	-.000013

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.053333**	**.0052552**	**.0004690**	**.0004882**	**.0003663**	**.0042553**	**-.000759**
Stddev	.038241	.0004182	.0002224	.0003689	.0011685	.0049927	.001523
%RSD	71.70311	7.957950	47.41348	75.55418	318.9765	117.3280	200.6813
#1	-.097112	.0052581	.0007256	.0006978	.0016692	.0068240	-.002103
#2	-.026454	.0048356	.0003300	.0000623	.0000187	.0074407	.000896
#3	-.036432	.0056720	.0003516	.0007046	-.000589	-.001499	-.001070

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: CCB01 Acquired: 6/10/2025 15:35:02 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0016992	-.003281	.0001103
Stddev	.0003221	.000998	.0000157
%RSD	18.95527	30.42447	14.25633
#1	.0015975	-.002230	.0000924
#2	.0014402	-.004216	.0001167
#3	.0020598	-.003397	.0001218

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3310.021	76287.60	12410.49	2412.000	4734.480
Stddev	8.487	272.98	21.16	20.580	13.824
%RSD	.2564174	.3578280	.1704885	.8532256	.2919897
#1	3319.337	75972.87	12434.92	2389.979	4750.419
#2	3307.996	76459.99	12398.22	2430.745	4727.268
#3	3302.729	76429.94	12398.32	2415.277	4725.754

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2242-04 Acquired: 6/10/2025 15:39:22 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014455	-.000815	.0045691	-.002299	.0005438	.1580816	.1516321
Stddev	.0010707	.000691	.0018581	.004039	.0024565	.0019474	.0002581
%RSD	74.06940	84.74900	40.66557	175.6683	451.7311	1.231877	.1702394
#1	.0013999	-.000196	.0039790	-.001545	-.001633	.1581716	.1518869
#2	.0003983	-.001560	.0030778	-.006662	.000057	.1599825	.1516387
#3	.0025382	-.000690	.0066506	.001310	.003207	.1560908	.1513707

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001266	-.000006	2.024691	-.000543	.0057504	.0106925	.1181316
Stddev	.0000418	.000067	.006942	.000520	.0001505	.0000822	.0016618
%RSD	33.00058	1167.885	.3428460	95.75385	2.617513	.7683519	1.406722
#1	.0001453	-.000036	2.030523	-.000672	.0059106	.0106370	.1199299
#2	.0001556	.000071	2.026536	-.000986	.0057286	.0107869	.1178121
#3	.0000787	-.000052	2.017013	.000029	.0056119	.0106536	.1166527

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2034438	1.281836	.0026879	.0000261	205.3493	.0001650	.0469854
Stddev	.0004784	.019432	.0000447	.0002963	1.3932	.0010373	.0001165
%RSD	.2351265	1.515968	1.663397	1133.401	.6784551	628.7780	.2478962
#1	.2039873	1.292219	.0026468	.0000780	206.9486	-.000747	.0470131
#2	.2030865	1.259418	.0027355	.0002931	204.3986	-.000051	.0470856
#3	.2032578	1.293872	.0026814	-.000293	204.7008	.001293	.0468576

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8056949	.0264620	.0000181	-.003408	-.000112	.2231886	.0026764
Stddev	.0366811	.0002294	.0001481	.000530	.000299	.0159888	.0027457
%RSD	4.552733	.8667796	818.0575	15.55727	266.3378	7.163798	102.5895
#1	.8469116	.0261999	-.000028	-.004016	-.000184	.2380894	.0029729
#2	.7766371	.0265601	-.000102	-.003040	-.000369	.2062981	.0052618
#3	.7935360	.0266261	.000184	-.003169	.000216	.2251782	-.000206

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2242-04 Acquired: 6/10/2025 15:39:22 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7897255	-.001167	.0173041
Stddev	.0083291	.000567	.0000485
%RSD	1.054687	48.55276	.2803547
#1	.7873123	-.001049	.0173425
#2	.7828694	-.001783	.0172496
#3	.7989947	-.000668	.0173201

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3153.693	73520.13	13168.13	2349.390	4179.340
Stddev	15.914	42.60	11.87	5.149	16.961
%RSD	.5046294	.0579473	.0901316	.2191583	.4058252
#1	3171.865	73538.42	13154.70	2347.477	4195.374
#2	3146.971	73471.44	13177.21	2345.472	4181.061
#3	3142.241	73550.54	13172.49	2355.222	4161.584

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2242-04DUP Acquired: 6/10/2025 15:43:49 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0002827**	**-.000387**	**.0054507**	**.0021086**	**.0010815**	**.1749673**	**.1598358**
Stddev	.0011064	.001527	.0003322	.0035924	.0014120	.0056659	.0001802
%RSD	391.3413	394.8732	6.095270	170.3674	130.5592	3.238245	.1127618
#1	.0013905	-.000453	.0052327	-.001758	-.000048	.1796355	.1598797
#2	.0002799	-.001879	.0052863	.005343	.002665	.1766028	.1596377
#3	-.000822	.001172	.0058330	.002741	.000627	.1686636	.1599900

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0001454**	**.0000766**	**2.231759**	**-.001013**	**.0062921**	**.0040357**	**.0022490**
Stddev	.0000378	.0001142	.013410	.000437	.0000281	.0000851	.0010352
%RSD	25.98783	149.1363	.6008765	43.16361	.4457266	2.109263	46.02968
#1	.0001018	.0000350	2.247076	-.000658	.0062641	.0039441	.0012304
#2	.0001682	.0002057	2.226074	-.001501	.0063202	.0040507	.0033001
#3	.0001661	-.000011	2.222129	-.000879	.0062921	.0041124	.0022166

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2202425**	**1.464140**	**.0018057**	**-.000287**	**202.6959**	**-.000990**	**.0511961**
Stddev	.0006623	.029364	.0003918	.000238	.9970	.000660	.0000208
%RSD	.3007189	2.005562	21.69951	82.96546	.4918620	66.64438	.0406918
#1	.2206703	1.489754	.0013723	-.000517	201.7909	-.001657	.0511805
#2	.2205776	1.470573	.0019102	-.000042	202.5322	-.000338	.0511881
#3	.2194796	1.432092	.0021348	-.000303	203.7646	-.000974	.0512198

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.8213786**	**.0314170**	**-.000131**	**-.002974**	**-.000006**	**.2334548**	**.0036347**
Stddev	.0213489	.0001327	.000163	.000514	.000535	.0061407	.0013930
%RSD	2.599158	.4223318	124.5361	17.27904	9184.172	2.630378	38.32398
#1	.8294131	.0314011	-.000084	-.003537	.000285	.2395227	.0035107
#2	.8375446	.0312930	-.000313	-.002853	.000320	.2272437	.0050855
#3	.7971782	.0315569	.000004	-.002531	-.000623	.2335982	.0023079

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2242-04DUP Acquired: 6/10/2025 15:43:49 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8600315	-.000525	.0188852
Stddev	.0049144	.001707	.0000116
%RSD	.5714172	324.9608	.0613605
#1	.8554900	-.002489	.0188727
#2	.8593558	.000599	.0188872
#3	.8652488	.000314	.0188955

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3107.174	71892.92	11667.63	2303.630	4087.669
Stddev	2.078	169.06	32.08	2.571	3.235
%RSD	.0668860	.2351572	.2749514	.1116029	.0791434
#1	3105.152	71978.91	11634.47	2305.348	4088.388
#2	3107.065	72001.70	11669.91	2304.868	4090.484
#3	3109.305	71698.15	11698.50	2300.675	4084.135

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2242-04LX5 Acquired: 6/10/2025 15:48:16 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000549**	**-.001001**	**.0016428**	**-.002426**	**-.000811**	**.0349121**	**.0298336**
Stddev	.003047	.000493	.0008230	.000655	.001364	.0032861	.0005177
%RSD	554.6417	49.21359	50.09787	27.00748	168.1112	9.412478	1.735422
#1	-.002935	-.000433	.0021931	-.002667	.000585	.0321384	.0298058
#2	.002883	-.001261	.0020386	-.002927	-.000879	.0385414	.0303647
#3	-.001596	-.001309	.0006967	-.001685	-.002140	.0340566	.0293303

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0000551**	**.0000371**	**.4266899**	**-.000868**	**.0011474**	**.0010239**	**-.002886**
Stddev	.0000666	.0000620	.0081821	.000171	.0000963	.0004886	.001303
%RSD	120.7742	167.0291	1.917577	19.73890	8.391834	47.71883	45.14028
#1	.0001316	-.000034	.4344961	-.000776	.0011056	.0005030	-.001437
#2	.0000098	.000082	.4273960	-.000763	.0012575	.0014720	-.003960
#3	.0000241	.000063	.4181776	-.001066	.0010791	.0010967	-.003261

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0412264**	**.2635777**	**-.000112**	**.0002236**	**36.11474**	**.0010343**	**.0090334**
Stddev	.0003067	.0089476	.000120	.0002195	.10872	.0014668	.0002056
%RSD	.7439122	3.394682	106.9465	98.19017	.3010516	141.8180	2.276460
#1	.0411292	.2560432	-.000165	.0003701	36.23862	-.000654	.0090103
#2	.0415700	.2734673	.000025	-.000029	36.03512	.001761	.0088403
#3	.0409802	.2612226	-.000196	.000329	36.07050	.001996	.0092496

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0838655**	**.0070264**	**-.000182**	**-.002871**	**-.000253**	**.0401092**	**-.001903**
Stddev	.0258505	.0003240	.000305	.000224	.000418	.0083511	.000585
%RSD	30.82378	4.611570	167.5645	7.801836	165.3619	20.82079	30.71974
#1	.0587661	.0071814	-.000290	-.002697	.000094	.0489788	-.002574
#2	.0824237	.0066540	.000162	-.002792	-.000717	.0323975	-.001505
#3	.1104067	.0072438	-.000417	-.003123	-.000135	.0389513	-.001630

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2242-04LX5 Acquired: 6/10/2025 15:48:16 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1450005	-.001080	.0035356
Stddev	.0023080	.001339	.0000598
%RSD	1.591733	123.9439	1.690779
#1	.1467763	.000422	.0035865
#2	.1423916	-.001514	.0035506
#3	.1458336	-.002148	.0034698

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3245.852	75659.10	11808.25	2407.541	4507.459
Stddev	3.713	94.48	3.01	13.083	5.790
%RSD	.1144060	.1248794	.0255031	.5434137	.1284497
#1	3241.585	75731.21	11806.51	2421.923	4509.973
#2	3248.350	75693.94	11811.73	2396.347	4511.567
#3	3247.622	75552.14	11806.51	2404.353	4500.837

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2242-04MS Acquired: 6/10/2025 15:52:35 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.8040561**	**1.952525**	**.9772823**	**1.991165**	**.7971857**	**2.123984**	**.4188361**
Stddev	.0008781	.033756	.0055875	.001496	.0012803	.008729	.0013330
%RSD	.1092140	1.728839	.5717418	.0751359	.1606024	.4109671	.3182505
#1	.8050700	1.973527	.9811618	1.992652	.7971593	2.115703	.4180222
#2	.8035614	1.970461	.9708779	1.989660	.7959187	2.123149	.4181118
#3	.8035369	1.913587	.9798071	1.991182	.7984789	2.133101	.4203744

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1824736**	**.2032336**	**3.950892**	**.3956927**	**.2105581**	**.2958877**	**3.150494**
Stddev	.0014785	.0009947	.023368	.0005491	.0008867	.0003986	.009852
%RSD	.8102677	.4894474	.5914725	.1387605	.4211125	.1347100	.3127154
#1	.1816802	.2043381	3.924241	.3951447	.2113720	.2962283	3.160603
#2	.1815611	.2024082	3.960564	.3956907	.2096132	.2959855	3.140921
#3	.1841795	.2029546	3.967872	.3962428	.2106891	.2954493	3.149956

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4771094**	**3.706706**	**.5068197**	**.0759397**	**307.2678**	**.2902233**	**.2779049**
Stddev	.0016713	.038254	.0016667	.0007154	.1221	.0012346	.0006072
%RSD	.3502901	1.032033	.3288578	.9421232	.0397460	.4254007	.2184767
#1	.4777449	3.705901	.5086131	.0764820	307.3991	.2888117	.2779471
#2	.4752136	3.668861	.5053183	.0762082	307.1576	.2911020	.2772778
#3	.4783697	3.745357	.5065277	.0751288	307.2466	.2907561	.2784899

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**12.91374**	**.2945620**	**.4032651**	**.6935105**	**.1891626**	**1.258728**	**6.144868**
Stddev	.02097	.0013167	.0005251	.0033417	.0012618	.014596	.031701
%RSD	.1623742	.4469946	.1302048	.4818553	.6670569	1.159551	.5158988
#1	12.93030	.2938047	.4027151	.6971530	.1882076	1.270338	6.174179
#2	12.92075	.2937989	.4037610	.6905864	.1886871	1.263501	6.149203
#3	12.89016	.2960823	.4033192	.6927922	.1905930	1.242343	6.111223

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2242-04MS Acquired: 6/10/2025 15:52:35 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9439724	.1852419	.2181034
Stddev	.0070025	.0015294	.0004975
%RSD	.7418157	.8256437	.2280972
#1	.9517775	.1866506	.2176745
#2	.9418991	.1836152	.2179869
#3	.9382406	.1854600	.2186488

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3130.337	72530.29	12929.91	2320.895	4050.665
Stddev	12.632	135.31	53.13	16.948	7.956
%RSD	.4035470	.1865520	.4108985	.7302207	.1964192
#1	3144.910	72389.75	12979.81	2302.419	4058.733
#2	3122.517	72659.68	12935.88	2324.548	4050.434
#3	3123.582	72541.45	12874.05	2335.718	4042.826

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2242-04MSD Acquired: 6/10/2025 15:56:44 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.8302876**	**1.985731**	**1.004021**	**2.055591**	**.8255292**	**2.310325**	**.4121868**
Stddev	.0038330	.016466	.001688	.003234	.0008592	.010567	.0004985
%RSD	.4616454	.8292271	.1680945	.1573161	.1040805	.4573950	.1209278
#1	.8294235	1.966776	1.005744	2.053139	.8247066	2.305641	.4117313
#2	.8344789	1.993921	1.003948	2.054378	.8264209	2.302910	.4121098
#3	.8269605	1.996496	1.002371	2.059256	.8254602	2.322425	.4127193

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1944364**	**.2087148**	**3.954961**	**.4017826**	**.2158463**	**.3052100**	**3.108545**
Stddev	.0006869	.0004194	.026777	.0007892	.0003155	.0008800	.014140
%RSD	.3532749	.2009656	.6770381	.1964227	.1461616	.2883366	.4548627
#1	.1937877	.2082432	3.930090	.4021821	.2157478	.3043776	3.119732
#2	.1943656	.2090462	3.951489	.4022921	.2161992	.3051214	3.113252
#3	.1951560	.2088550	3.983304	.4008735	.2155918	.3061310	3.092653

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4745034**	**3.803660**	**.5199979**	**.0771224**	**289.8576**	**.2947801**	**.2804828**
Stddev	.0004809	.016093	.0009240	.0003998	1.3380	.0021276	.0006733
%RSD	.1013437	.4230913	.1776974	.5184350	.4616073	.7217510	.2400406
#1	.4739768	3.819761	.5194446	.0772194	291.3113	.2959503	.2810110
#2	.4746143	3.787575	.5210647	.0774649	288.6777	.2923243	.2807128
#3	.4749192	3.803644	.5194845	.0766831	289.5836	.2960658	.2797247

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**12.63356**	**.3124591**	**.4178792**	**.7231325**	**.1952221**	**1.243521**	**6.299985**
Stddev	.01212	.0015230	.0004365	.0028861	.0004252	.008724	.016387
%RSD	.0959045	.4874290	.1044479	.3991127	.2177903	.7015419	.2601100
#1	12.64197	.3107299	.4174240	.7198665	.1957103	1.234665	6.285778
#2	12.61967	.3130463	.4179195	.7241915	.1950231	1.252107	6.317912
#3	12.63904	.3136011	.4182942	.7253396	.1949329	1.243791	6.296265

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2242-04MSD Acquired: 6/10/2025 15:56:44 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9354831	.1858622	.2197285
Stddev	.0034435	.0008050	.0004459
%RSD	.3680976	.4330886	.2029487
#1	.9355594	.1855478	.2196124
#2	.9320021	.1852619	.2193521
#3	.9388878	.1867769	.2202210

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3090.002	71680.13	12266.00	2298.002	3995.909
Stddev	6.575	108.52	28.02	4.510	5.129
%RSD	.2127918	.1513990	.2284346	.1962553	.1283447
#1	3093.977	71554.93	12286.92	2292.819	3998.878
#2	3093.617	71738.05	12276.90	2300.147	3998.861
#3	3082.413	71747.39	12234.16	2301.038	3989.987

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2242-04A Acquired: 6/10/2025 16:00:52 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8242627	1.996333	.9894165	2.050707	.8317373	2.112234	.3512958
Stddev	.0017794	.009050	.0049993	.004346	.0030297	.004156	.0018575
%RSD	.2158802	.4533122	.5052754	.2119453	.3642681	.1967720	.5287446
#1	.8247317	1.986175	.9880207	2.053528	.8292427	2.116666	.3532642
#2	.8222958	1.999293	.9852636	2.045702	.8308603	2.108424	.3510494
#3	.8257607	2.003533	.9949654	2.052892	.8351088	2.111613	.3495739

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1968232	.2048314	3.188210	.3994833	.2106604	.3069652	2.990399
Stddev	.0013513	.0006931	.022932	.0019331	.0008707	.0010118	.002040
%RSD	.6865733	.3383912	.7192903	.4839014	.4133181	.3296258	.0682105
#1	.1980952	.2049659	3.213803	.4000685	.2106582	.3071750	2.991961
#2	.1954045	.2040808	3.169527	.3973252	.2097908	.3058650	2.988092
#3	.1969698	.2054474	3.181301	.4010561	.2115322	.3078558	2.991145

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4102545	3.304011	.5128529	.0755609	205.0176	.2973419	.2609037
Stddev	.0026771	.017405	.0013604	.0003314	1.7725	.0011788	.0018602
%RSD	.6525376	.5267838	.2652648	.4385956	.8645576	.3964347	.7129625
#1	.4133019	3.319066	.5121898	.0759223	207.0247	.2981077	.2588747
#2	.4091799	3.284953	.5119513	.0752712	203.6671	.2979333	.2613079
#3	.4082818	3.308013	.5144178	.0754892	204.3608	.2959845	.2625285

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.56518	.3095248	.4217981	.7175154	.1967102	1.126107	6.137917
Stddev	.02716	.0006921	.0018123	.0027749	.0012011	.005196	.008902
%RSD	.2348533	.2236124	.4296522	.3867350	.6105825	.4613841	.1450357
#1	11.56402	.3103219	.4208829	.7161544	.1978377	1.131909	6.131305
#2	11.53862	.3091762	.4206259	.7156838	.1954470	1.121883	6.134407
#3	11.59290	.3090763	.4238855	.7207080	.1968460	1.124530	6.148039

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2242-04A Acquired: 6/10/2025 16:00:52 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8190968	.1824692	.2125638
Stddev	.0015754	.0005148	.0006812
%RSD	.1923332	.2821553	.3204719
#1	.8178460	.1820576	.2133382
#2	.8185783	.1823034	.2122960
#3	.8208661	.1830465	.2120571

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3122.975	74106.77	12159.54	2334.574	4115.434
Stddev	13.794	44.60	45.01	13.043	17.641
%RSD	.4417041	.0601872	.3701679	.5586786	.4286592
#1	3131.803	74105.26	12107.57	2344.745	4130.653
#2	3130.043	74152.11	12185.80	2339.108	4119.550
#3	3107.079	74062.95	12185.25	2319.869	4096.099

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2197-01 Acquired: 6/10/2025 16:05:01 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000125	-.008702	.0016665	.0097754	.0053551	.1678408
Stddev	.000650	.002697	.0012745	.0059302	.0016759	.0110515
%RSD	520.5664	30.98906	76.47762	60.66457	31.29585	6.584541
#1	.000576	-.006988	.0027989	.0033186	.0068642	.1788763
#2	-.000242	-.007307	.0002862	.0110290	.0056497	.1678726
#3	-.000708	-.011810	.0019145	.0149787	.0035514	.1567733

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1851310	-.000212	.0001337	118.0589	.0052191	.0000612
Stddev	.0010334	.000083	.0000365	.1960	.0001853	.0001675
%RSD	.5581877	39.00885	27.28674	.1660370	3.550330	273.5857
#1	.1855966	-.000122	.0001234	118.0597	.0054207	-.000040
#2	.1839467	-.000229	.0001035	117.8625	.0051806	.000255
#3	.1858496	-.000285	.0001743	118.2546	.0050562	-.000031

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0178532	.6162940	.6109883	31.11940	.0264427	.0001336
Stddev	.0002190	.0109848	.0007627	.06459	.0002264	.0003235
%RSD	1.226895	1.782395	.1248279	.2075445	.8562219	242.1442
#1	.0176046	.6040322	.6118681	31.15348	.0262261	.0000231
#2	.0180181	.6196138	.6105820	31.04491	.0264242	.0004978
#3	.0179368	.6252360	.6105147	31.15981	.0266778	-.000120

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	293.6207	.0032248	.1530020	25.25019	.3173154	.0051809
Stddev	5.6343	.0006522	.0004162	.40037	.0085170	.0001466
%RSD	1.918895	20.22474	.2719946	1.585611	2.684087	2.829804
#1	287.1258	.0031479	.1528767	24.79509	.3267380	.0052640
#2	296.5403	.0026145	.1534665	25.40732	.3150434	.0050117
#3	297.1959	.0039121	.1526630	25.54815	.3101648	.0052671

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2197-01 Acquired: 6/10/2025 16:05:01 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003949	.0010964	F 16.59710	8.286670	F 76.87896	.0326007
Stddev	.000277	.0010697	.29772	.050542	.49045	.0008246
%RSD	7.023750	97.56539	1.793803	.6099207	.6379532	2.529451
#1	-.004012	-.000028	16.27046	8.324243	77.28002	.0327249
#2	-.003645	.002102	16.66759	8.306560	77.02470	.0333562
#3	-.004189	.001215	16.85325	8.229209	76.33216	.0317210

Elem	Sr4077
Units	ppm
Avg	.6208712
Stddev	.0011799
%RSD	.1900444
#1	.6222315
#2	.6201236
#3	.6202587

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2927.196	69254.87	11509.18	2219.211	3901.559
Stddev	13.854	1184.94	13.96	91.610	5.643
%RSD	.4732936	1.710991	.1212950	4.128045	.1446376
#1	2942.452	70595.00	11493.54	2322.922	3906.868
#2	2923.738	68823.82	11520.36	2185.397	3902.176
#3	2915.398	68345.78	11513.65	2149.315	3895.632

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2197-03 Acquired: 6/10/2025 16:15:10 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0033799	-.008974	.0035652	.0018012	.0115117	.2794894
Stddev	.0041617	.001798	.0011494	.0024028	.0019400	.0009841
%RSD	123.1327	20.03153	32.24078	133.4027	16.85229	.3521066
#1	-.001333	-.009934	.0023035	.0044950	.0132448	.2794010
#2	.006551	-.006900	.0038392	.0010294	.0118744	.2785524
#3	.004921	-.010087	.0045528	-.000121	.0094160	.2805147

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3307437	-.000148	.0003376	231.2344	.0072134	-.000174
Stddev	.0029501	.000069	.0000282	.7700	.0003919	.000161
%RSD	.8919594	46.28513	8.338354	.3330086	5.432803	92.87093
#1	.3340188	-.000074	.0003682	230.3475	.0069121	-.000175
#2	.3299177	-.000210	.0003130	231.6239	.0070715	-.000334
#3	.3282947	-.000161	.0003315	231.7319	.0076564	-.000012

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0155695	.8656301	.4950277	55.55835	.0293296	-.000229
Stddev	.0005493	.0102656	.0013119	.33998	.0000792	.000519
%RSD	3.528082	1.185912	.2650202	.6119269	.2701388	226.6450
#1	.0161795	.8544859	.4935380	55.22230	.0294124	-.000799
#2	.0154153	.8677038	.4955340	55.55063	.0293221	.000217
#3	.0151138	.8747005	.4960110	55.90213	.0292545	-.000105

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	554.4235	.0067915	.2629900	43.13899	.4562448	.0106484
Stddev	2.1486	.0009703	.0008285	.41031	.0089893	.0000858
%RSD	.3875315	14.28710	.3150183	.9511330	1.970286	.8055032
#1	553.7851	.0073562	.2632114	42.74862	.4665762	.0105558
#2	556.8189	.0073472	.2636853	43.56669	.4502100	.0107252
#3	552.6665	.0056711	.2620734	43.10167	.4519484	.0106642

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2197-03 Acquired: 6/10/2025 16:15:10 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0056195	-.003091	F 35.61367	13.34577	F 236.9056	.0613326
Stddev	.0014179	.000787	.53917	.06377	.8122	.0011268
%RSD	25.23219	25.46795	1.513928	.4777992	.3428193	1.837226
#1	.0069220	-.002916	34.99850	13.41395	237.7535	.0626233
#2	.0058273	-.002406	36.00418	13.33575	236.8288	.0608296
#3	.0041091	-.003951	35.83832	13.28760	236.1346	.0605449

Elem	Sr4077
Units	ppm
Avg	1.154883
Stddev	.009126
%RSD	.7902348
#1	1.162084
#2	1.157946
#3	1.144619

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2830.041	67477.82	11975.33	2178.734	3666.231
Stddev	31.921	763.97	47.29	52.313	29.731
%RSD	1.127943	1.132185	.3948849	2.401064	.8109372
#1	2858.365	68276.07	11936.32	2237.150	3692.686
#2	2795.451	66753.49	11961.74	2136.210	3634.056
#3	2836.307	67403.89	12027.92	2162.843	3671.953

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2197-05 Acquired: 6/10/2025 16:19:38 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.002751**	**-.008083**	**-.001331**	**.0022119**	**.0047766**	**.1058286**
Stddev	.002825	.000741	.000308	.0041803	.0010144	.0091459
%RSD	102.6833	9.172899	23.14395	188.9949	21.23623	8.642235
#1	-.000692	-.007289	-.000989	.0061473	.0038439	.0982672
#2	-.005972	-.008201	-.001418	-.002177	.0046293	.1159942
#3	-.001590	-.008757	-.001586	.002665	.0058565	.1032243

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1713575**	**-.000157**	**.0001603**	**115.6106**	**.0039913**	**-.000317**
Stddev	.0001081	.000007	.0000453	.3913	.0004072	.000204
%RSD	.0630714	4.363736	28.28039	.3384830	10.20300	64.32489
#1	.1714793	-.000161	.0002118	116.0022	.0035279	-.000105
#2	.1713201	-.000160	.0001264	115.6101	.0041537	-.000334
#3	.1712731	-.000149	.0001427	115.2196	.0042922	-.000511

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0102967**	**.2932165**	**.2975328**	**30.27415**	**.0202713**	**-.000157**
Stddev	.0005354	.0025922	.0020774	.16473	.0000888	.000135
%RSD	5.199420	.8840569	.6982047	.5441316	.4382671	86.24768
#1	.0098568	.2911851	.2998931	30.44793	.0202178	-.000310
#2	.0108928	.2961360	.2967232	30.25424	.0202222	-.000103
#3	.0101404	.2923283	.2959821	30.12028	.0203738	-.000057

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**303.8089**	**.0011790**	**.1469245**	**27.43402**	**.2794527**	**.0055490**
Stddev	3.0045	.0006953	.0007061	.18085	.0024327	.0001203
%RSD	.9889469	58.97388	.4806077	.6592250	.8705118	2.167083
#1	300.8473	.0014751	.1461093	27.22638	.2819482	.0056830
#2	306.8545	.0016772	.1473451	27.51855	.2793218	.0055133
#3	303.7248	.0003847	.1473191	27.55712	.2770882	.0054506

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2197-05 Acquired: 6/10/2025 16:19:38 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004567	-.001780	F 17.33657	6.786283	F 73.61300	.0303215
Stddev	.000560	.000577	.10621	.026546	.13175	.0005554
%RSD	12.25801	32.42030	.6126174	.3911777	.1789745	1.831865
#1	-.005212	-.001304	17.21435	6.786598	73.66269	.0303219
#2	-.004285	-.001613	17.40637	6.812671	73.71268	.0297658
#3	-.004205	-.002421	17.38901	6.759581	73.46363	.0308767

Elem	Sr4077
Units	ppm
Avg	.6042521
Stddev	.0009700
%RSD	.1605237
#1	.6049325
#2	.6046824
#3	.6031414

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2896.107	69159.18	12378.88	2168.306	3893.750
Stddev	6.295	493.49	14.62	28.019	10.284
%RSD	.2173757	.7135551	.1180668	1.292193	.2641203
#1	2891.927	69727.41	12364.66	2200.486	3882.591
#2	2893.047	68912.07	12378.11	2149.321	3895.813
#3	2903.348	68838.07	12393.86	2155.111	3902.846

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2210-01 Acquired: 6/10/2025 16:23:59 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0330129	-.014198	.1860468	-.004498	.0097044	89.50039
Stddev	.0042000	.000786	.0043176	.005702	.0016140	.38790
%RSD	12.72234	5.538485	2.320686	126.7492	16.63131	.4334077
#1	.0292389	-.013893	.1815297	-.009535	.0109704	89.34252
#2	.0322621	-.015091	.1901325	.001692	.0078870	89.94234
#3	.0375376	-.013610	.1864783	-.005652	.0102557	89.21632

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.116788	.0039784	.0047666	489.8714	.1158434	.0328036
Stddev	.011084	.0000921	.0001819	.7918	.0004826	.0000845
%RSD	.9924722	2.314437	3.816032	.1616331	.4165582	.2576199
#1	1.116936	.0040815	.0049501	488.9577	.1162798	.0328696
#2	1.127797	.0039492	.0045864	490.2988	.1153251	.0327084
#3	1.105631	.0039044	.0047634	490.3576	.1159253	.0328329

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0802070	88.25148	5.076393	168.3976	.0953180	-.000109
Stddev	.0004862	.45418	.017041	1.1433	.0008577	.000571
%RSD	.6061719	.5146423	.3356849	.6789097	.8998031	521.5933
#1	.0796551	87.73343	5.056770	167.6888	.0943743	-.000754
#2	.0805720	88.58122	5.084947	167.7875	.0960500	.000097
#3	.0803939	88.43978	5.087462	169.7165	.0955296	.000329

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	578.2934	.1661120	.5127417	71.53623	.5893476	.1269524
Stddev	12.7658	.0028064	.0030679	.73304	.0017049	.0001313
%RSD	2.207492	1.689431	.5983319	1.024713	.2892935	.1034243
#1	577.9583	.1641777	.5118175	71.50041	.5892384	.1268846
#2	591.2234	.1648276	.5161654	72.28652	.5876999	.1271037
#3	565.6984	.1693307	.5102421	70.82175	.5911045	.1268688

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2210-01 Acquired: 6/10/2025 16:23:59 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0071523	1.224263	F 102.0325	4.149872	F 79.06029	.2832194
Stddev	.0009812	.005083	.6319	.031061	.41450	.0016259
%RSD	13.71869	.4151906	.6193082	.7484705	.5242806	.5740727
#1	.0064247	1.220886	101.3627	4.119597	78.58361	.2815085
#2	.0082682	1.230109	102.6181	4.148355	79.26134	.2847442
#3	.0067639	1.221793	102.1168	4.181663	79.33593	.2834055

Elem	Sr4077
Units	ppm
Avg	2.487205
Stddev	.048593
%RSD	1.953720
#1	2.515747
#2	2.514769
#3	2.431097

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2815.995	67961.41	12580.13	2096.886	3398.932
Stddev	37.632	540.84	58.65	42.028	32.033
%RSD	1.336355	.7958031	.4662060	2.004283	.9424481
#1	2772.548	68026.27	12579.60	2091.366	3362.565
#2	2837.062	67391.06	12521.75	2057.892	3411.263
#3	2838.374	68466.89	12639.05	2141.401	3422.966

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: CCV02 Acquired: 6/10/2025 16:28:33 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCV02 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**5.065240**	**5.065594**	**5.070840**	**5.099450**	**5.044409**	**10.02170**	**9.825012**
Stddev	.020050	.064263	.015475	.020880	.015244	.02756	.085378
%RSD	.3958284	1.268623	.3051668	.4094571	.3021914	.2749588	.8689830
#1	5.086556	5.136266	5.071042	5.121157	5.061907	10.04191	9.915484
#2	5.046759	5.049850	5.055266	5.097685	5.037311	9.99031	9.813696
#3	5.062406	5.010665	5.086213	5.079509	5.034008	10.03288	9.745857

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2609694**	**2.541207**	**24.88481**	**1.034054**	**2.525125**	**1.275172**	**4.927896**
Stddev	.0009888	.011127	.12023	.001247	.009826	.003831	.027848
%RSD	.3789078	.4378792	.4831427	.1205658	.3891365	.3004112	.5651068
#1	.2621001	2.538461	24.98730	1.033879	2.523451	1.278669	4.956055
#2	.2602665	2.531710	24.75247	1.035379	2.516244	1.271078	4.900370
#3	.2605415	2.553450	24.91466	1.032904	2.535681	1.275770	4.927262

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.462481**	**24.97487**	**2.535842**	**1.270918**	**24.35991**	**2.505307**	**2.566965**
Stddev	.011083	.16199	.009877	.002280	.02096	.012571	.011492
%RSD	.4500852	.6486174	.3894776	.1794348	.0860381	.5017708	.4476977
#1	2.474175	25.12370	2.533441	1.271065	24.36141	2.517792	2.553762
#2	2.452131	24.80233	2.527387	1.273122	24.38007	2.492652	2.574717
#3	2.461138	24.99858	2.546697	1.268568	24.33824	2.505477	2.572417

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**24.49087**	**5.119820**	**5.102186**	**5.086885**	**4.959819**	**5.127214**	**5.098056**
Stddev	.02483	.021785	.014366	.024717	.026168	.011880	.016821
%RSD	.1014016	.4254992	.2815641	.4858979	.5276087	.2316960	.3299523
#1	24.47546	5.144951	5.117623	5.099513	4.982803	5.116656	5.093921
#2	24.47763	5.106298	5.089208	5.058405	4.931339	5.140078	5.083688
#3	24.51951	5.108212	5.099728	5.102738	4.965313	5.124909	5.116559

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: CCV02 Acquired: 6/10/2025 16:28:33 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCV02 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.018337	4.840992	4.989310
Stddev	.012044	.024198	.034128
%RSD	.2400092	.4998560	.6840130
#1	5.027344	4.865992	5.028639
#2	5.004656	4.817685	4.971787
#3	5.023012	4.839299	4.967503

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3165.057	73127.18	11553.30	2349.901	4218.431
Stddev	9.250	87.86	42.12	15.189	5.299
%RSD	.2922465	.1201476	.3645787	.6463470	.1256182
#1	3154.669	73189.45	11506.72	2365.306	4215.366
#2	3168.104	73026.68	11588.70	2349.458	4224.550
#3	3172.400	73165.42	11564.48	2334.938	4215.377

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: CCB02 Acquired: 6/10/2025 16:32:44 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCB02 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014171	.0001235	.0002778	-.002378	.0030632	.0013516	.0001786
Stddev	.0018999	.0011901	.0023646	.003709	.0011884	.0029906	.0002357
%RSD	134.0649	963.7530	851.2712	155.9745	38.79637	221.2692	131.9974
#1	.0031650	-.000494	-.000100	-.006622	.0035545	.0046500	.0003929
#2	-.000605	-.000631	-.001875	-.000751	.0039271	-.001183	-.000074
#3	.001691	.001495	.002809	.000240	.0017079	.000588	.000217

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000758	.0001125	.0030345	.0001678	.0000253	.0002290	.0007501
Stddev	.0000265	.0000386	.0068556	.0001204	.0000452	.0002241	.0013380
%RSD	34.93840	34.33182	225.9236	71.76982	178.5114	97.87847	178.3782
#1	.0000553	.0001174	.0028564	.0002411	.0000679	-.000028	.0010069
#2	.0000663	.0000717	-.003730	.0002334	.0000302	.000328	.0019410
#3	.0001057	.0001485	.009977	.0000288	-.000022	.000387	-.000698

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000118	.0015353	-.000270	-.000022	.0685850	-.000388	-.000082
Stddev	.0001859	.0148869	.000234	.000379	.0063169	.001127	.000077
%RSD	1569.113	969.6291	86.60704	1701.576	9.210311	290.4312	93.51676
#1	-.000203	-.010671	-.000081	-.000398	.0640943	.000885	-.000065
#2	.000115	.018121	-.000531	.000360	.0758081	-.001255	-.000015
#3	.000123	-.002843	-.000197	-.000029	.0658527	-.000794	-.000166

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0251885	.0066953	.0005551	.0001332	.0003729	.0161088	-.000787
Stddev	.0085938	.0003212	.0001754	.0006837	.0005841	.0108966	.000513
%RSD	34.11780	4.797795	31.60073	513.3553	156.6338	67.64381	65.16989
#1	.0350203	.0070649	.0007362	.0008437	.0003708	.0043969	-.000839
#2	.0191089	.0064836	.0003859	-.000520	-.000210	.0179823	-.001271
#3	.0214364	.0065374	.0005433	.000076	.000958	.0259471	-.000250

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: CCB02 Acquired: 6/10/2025 16:32:44 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCB02 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0069249	.0025289	.0001872
Stddev	.0029357	.0007725	.0000461
%RSD	42.39325	30.54482	24.64808
#1	.0085510	.0031578	.0002247
#2	.0035360	.0027623	.0002013
#3	.0086877	.0016667	.0001357

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3369.648	77772.71	12487.02	2505.873	4799.062
Stddev	6.273	109.64	29.29	5.877	2.557
%RSD	.1861489	.1409776	.2345418	.2345301	.0532835
#1	3370.583	77815.92	12471.93	2500.279	4801.482
#2	3362.961	77648.04	12520.77	2505.343	4796.387
#3	3375.401	77854.16	12468.35	2511.997	4799.317

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2243-01 Acquired: 6/10/2025 16:37:04 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.005924**	**-.011513**	**-.002905**	**.0105900**	**.0039774**	**21.48010**	**.0016144**
Stddev	.001813	.002506	.001872	.0040025	.0012827	.07893	.0028120
%RSD	30.60365	21.76248	64.44096	37.79495	32.25011	.3674453	174.1798
#1	-.007186	-.009679	-.001051	.0112612	.0037508	21.39258	.0007926
#2	-.003846	-.010493	-.002871	.0062943	.0028231	21.54587	.0047457
#3	-.006738	-.014368	-.004795	.0142144	.0053584	21.50185	-.000695

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000161**	**.0000199**	**10.98953**	**.0332642**	**-.000097**	**.0149152**	**.3083315**
Stddev	.000069	.0001981	.18318	.0010715	.000114	.0004724	.0028338
%RSD	42.47643	997.2242	1.666834	3.221303	117.2452	3.167362	.9190813
#1	-.000174	.0002084	10.96796	.0327146	.000023	.0144060	.3111942
#2	-.000223	-.000187	11.18254	.0325790	-.000110	.0153392	.3055275
#3	-.000087	.000038	10.81809	.0344991	-.000203	.0150005	.3082726

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0118422**	**2.298172**	**.0141730**	**-.000226**	**1492.112**	**.0010559**	**.3798681**
Stddev	.0004016	.081098	.0003467	.000226	15.404	.0017087	.0020317
%RSD	3.390896	3.528812	2.445978	99.98826	1.032391	161.8270	.5348358
#1	.0116030	2.286729	.0140912	.000035	1475.722	.0001892	.3775561
#2	.0123058	2.384384	.0145533	-.000360	1494.321	.0030242	.3806795
#3	.0116177	2.223403	.0138746	-.000353	1506.293	-.000046	.3813687

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**194.0218**	**4.063777**	**.0210876**	**.0076269**	**-.000475**	**1.482599**	**3.283894**
Stddev	3.2692	.095951	.0001783	.0006170	.000539	.032599	.026502
%RSD	1.684940	2.361134	.8455368	8.090227	113.4696	2.198756	.8070297
#1	194.8727	3.961688	.0211981	.0073375	-.000405	1.505735	3.280343
#2	190.4113	4.152104	.0208819	.0072078	.000026	1.445317	3.311992
#3	196.7814	4.077539	.0211828	.0083355	-.001046	1.496745	3.259346

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2243-01 Acquired: 6/10/2025 16:37:04 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	^ *****	.0061364	.0480205
Stddev	-----	.0021710	.0001514
%RSD	-----	35.37832	.3152031
#1	^ -----	.0064500	.0478529
#2	^ -----	.0081335	.0480614
#3	754.5474	.0038257	.0481472

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2733.068	61124.08	11834.37	1975.223	3430.601
Stddev	59.415	163.11	323.79	72.073	51.003
%RSD	2.173918	.2668587	2.736049	3.648878	1.486711
#1	2716.631	61284.21	12021.26	1953.203	3415.454
#2	2798.970	61129.89	11460.48	1916.729	3487.461
#3	2683.602	60958.14	12021.37	2055.738	3388.887

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2241-01 Acquired: 6/10/2025 16:41:26 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0912183	-.001682	.1164233	.0010077	-.008138	111.2097
Stddev	.0026598	.000404	.0017751	.0081724	.001782	1.1030
%RSD	2.915830	24.01267	1.524656	811.0154	21.89119	.9918583
#1	.0884068	-.002140	.1145865	.0034329	-.006642	112.2600
#2	.0915535	-.001374	.1181294	-.008103	-.010109	110.0606
#3	.0936946	-.001533	.1165541	.007693	-.007665	111.3084

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.448661	.0085086	.0135772	16.67973	.1971397	.0763747
Stddev	.009136	.0000566	.0003447	.18551	.0009268	.0000324
%RSD	.6306616	.6648112	2.538843	1.112171	.4701144	.0423593
#1	1.458611	.0084944	.0136554	16.83796	.1969977	.0763803
#2	1.440651	.0084604	.0138760	16.47557	.1962921	.0764039
#3	1.446720	.0085709	.0132000	16.72567	.1981293	.0763399

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0826954	283.7260	2.262165	16.38818	.1346144	.0002207
Stddev	.0008861	1.3284	.020573	.18574	.0001641	.0004699
%RSD	1.071480	.4682143	.9094437	1.133363	.1219170	212.9072
#1	.0835183	284.5575	2.280272	16.50308	.1346137	.0007444
#2	.0828104	282.1939	2.239794	16.17390	.1347789	-.000164
#3	.0817574	284.4266	2.266429	16.48757	.1344507	.000082

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.995388	.4013215	.2793611	4.864419	-.047030	.0016664
Stddev	.034260	.0060648	.0010032	.015779	.003150	.0003581
%RSD	.4897507	1.511212	.3590944	.3243840	6.696908	21.49103
#1	7.024741	.4066775	.2789451	4.881344	-.048601	.0014731
#2	7.003679	.3947362	.2805053	4.850112	-.043404	.0020797
#3	6.957743	.4025510	.2786328	4.861802	-.049084	.0014465

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2241-01 Acquired: 6/10/2025 16:41:26 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0068897**	**1.840421**	F **19.45665**	**2.662335**	**.4132507**	**.1921305**
Stddev	.0009698	.015161	.08322	.007998	.0014068	.0001682
%RSD	14.07631	.8238019	.4277114	.3003987	.3404158	.0875508
#1	.0075675	1.855419	19.50574	2.664694	.4137946	.1919809
#2	.0057788	1.825101	19.36056	2.668888	.4143042	.1923126
#3	.0073228	1.840744	19.50364	2.653424	.4116531	.1920981

Elem	Sr4077
Units	ppm
Avg	**-.181243**
Stddev	.000756
%RSD	.4168511
#1	-.181266
#2	-.180477
#3	-.181988

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3838.894**	**89685.05**	**16071.19**	**2785.858**	**4234.275**
Stddev	2.770	189.87	126.97	21.490	1.098
%RSD	.0721483	.2117064	.7900235	.7713943	.0259219
#1	3836.376	89468.50	15938.82	2768.008	4234.295
#2	3841.861	89822.98	16191.96	2779.855	4233.168
#3	3838.444	89763.67	16082.78	2809.712	4235.363

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2241-05 Acquired: 6/10/2025 16:45:33 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0319586	-.008234	.1346121	-.004965	-.006458	92.78414
Stddev	.0023598	.002451	.0010370	.000664	.001606	.12163
%RSD	7.383960	29.76923	.7703355	13.37537	24.86761	.1310945
#1	.0317693	-.005894	.1341300	-.005305	-.007945	92.65433
#2	.0296991	-.008026	.1339040	-.004199	-.006674	92.80261
#3	.0344073	-.010783	.1358024	-.005389	-.004755	92.89548

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4016568	.0069133	.0085263	18.81585	.1178768	.0771917
Stddev	.0006075	.0000756	.0002347	.20980	.0001236	.0005357
%RSD	.1512495	1.093768	2.752132	1.115006	.1048515	.6940424
#1	.4009640	.0069474	.0082730	19.05810	.1177662	.0770943
#2	.4019080	.0068267	.0087363	18.69311	.1178539	.0767114
#3	.4020985	.0069659	.0085695	18.69634	.1180102	.0777695

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1093176	186.3393	4.154481	21.26001	.1361031	-.004765
Stddev	.0011348	1.5251	.045515	.31848	.0006206	.000644
%RSD	1.038117	.8184513	1.095553	1.498035	.4560080	13.51199
#1	.1083462	188.0979	4.207035	21.62196	.1356373	-.004158
#2	.1090415	185.3803	4.128561	21.02267	.1358643	-.005440
#3	.1105650	185.5396	4.127847	21.13540	.1368077	-.004697

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.653697	.1992422	.3099101	7.249437	-.132746	.0000057
Stddev	.080109	.0014729	.0024647	.049528	.001704	.0000783
%RSD	.8298275	.7392472	.7953080	.6831925	1.283892	1381.848
#1	9.561329	.2007322	.3070732	7.198011	-.131234	-.000038
#2	9.704200	.1992073	.3111312	7.253484	-.132412	-.000041
#3	9.695561	.1977871	.3115259	7.296818	-.134593	.000096

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2241-05 Acquired: 6/10/2025 16:45:33 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0041717	1.882731	F 15.79225	3.983294	.5367901	.1498588
Stddev	.0011524	.005758	.03147	.021213	.0041862	.0009852
%RSD	27.62401	.3058367	.1992794	.5325507	.7798534	.6574480
#1	.0037748	1.889379	15.76780	3.969316	.5333288	.1498839
#2	.0032703	1.879329	15.78119	3.972864	.5355986	.1488612
#3	.0054701	1.879485	15.82775	4.007703	.5414428	.1508312

Elem	Sr4077
Units	ppm
Avg	-.048428
Stddev	.001643
%RSD	3.391882
#1	-.050283
#2	-.047157
#3	-.047845

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3576.855	84152.53	13475.94	2680.878	4243.826
Stddev	5.508	367.14	27.96	15.779	1.979
%RSD	.1539967	.4362763	.2074989	.5885923	.0466245
#1	3575.733	84525.74	13448.23	2697.569	4241.738
#2	3571.994	84140.05	13504.15	2678.863	4245.673
#3	3582.838	83791.79	13475.43	2666.203	4244.067

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2248-01 Acquired: 6/10/2025 16:49:40 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0876903	-.009979	.2223701	-.005177	-.005187	133.4685	.4412858
Stddev	.0019646	.000766	.0020874	.009853	.000878	.2688	.0022469
%RSD	2.240356	7.673018	.9387188	190.3263	16.92429	.2013806	.5091619
#1	.0859735	-.009172	.2247783	-.013897	-.004407	133.7147	.4430305
#2	.0898328	-.010069	.2212536	-.007145	-.005017	133.1818	.4420765
#3	.0872645	-.010695	.2210783	.005512	-.006138	133.5089	.4387505

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0093767	.0114663	76.20025	.2002185	.1278920	.2656047	234.5433
Stddev	.0008411	.0014088	.31953	.0120076	.0003630	.0028248	8.8012
%RSD	8.969852	12.28659	.4193262	5.997228	.2838094	1.063529	3.752489
#1	.0103477	.0130318	75.90656	.2140580	.1281510	.2688429	224.3929
#2	.0089074	.0110665	76.15368	.1925679	.1280478	.2636467	240.0519
#3	.0088749	.0103006	76.54051	.1940298	.1274771	.2643244	239.1851

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.154787	44.83093	.2205378	-.004037	2.652773	.3382045	.5886863
Stddev	.002312	.25181	.0012167	.003026	.087871	.0019352	.0040454
%RSD	.0732751	.5616924	.5516993	74.97446	3.312432	.5721975	.6871963
#1	3.153154	44.61966	.2218488	-.007531	2.559378	.3362185	.5846352
#2	3.153774	44.76356	.2203198	-.002262	2.733812	.3383107	.5927260
#3	3.157432	45.10958	.2194449	-.002316	2.665128	.3400845	.5886977

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.88456	-.092319	.0260037	.0091427	2.693877	4.266748	5.845362
Stddev	.38759	.047308	.0006636	.0004331	.004705	.166469	.014563
%RSD	3.261309	51.24431	2.552108	4.736948	.1746659	3.901540	.2491399
#1	11.44194	-.146943	.0262086	.0092337	2.699304	4.074527	5.861733
#2	12.16323	-.064477	.0252618	.0086713	2.691378	4.363330	5.840505
#3	12.04851	-.065538	.0265409	.0095230	2.690948	4.362387	5.833848

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2248-01 Acquired: 6/10/2025 16:49:40 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.909940	.2519563	.0508129
Stddev	.011601	.0019855	.0094074
%RSD	.3986528	.7880477	18.51376
#1	2.914311	.2497912	.0616691
#2	2.918720	.2536920	.0457106
#3	2.896789	.2523857	.0450590

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3549.182	83814.43	14017.18	2737.598	4136.298
Stddev	28.337	2925.06	6.26	251.693	24.435
%RSD	.7984144	3.489922	.0446925	9.193926	.5907367
#1	3580.624	87188.11	14011.22	3028.082	4157.908
#2	3525.615	81987.38	14023.71	2584.407	4109.783
#3	3541.308	82267.80	14016.59	2600.304	4141.201

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2197-05DUP Acquired: 6/10/2025 16:53:45 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000417**	**-.008124**	**-.001045**	**.0026623**	**.0060748**	**.1085212**
Stddev	.001985	.002489	.000260	.0022277	.0013977	.0050504
%RSD	476.3000	30.64264	24.91452	83.67432	23.00815	4.653877
#1	-.001339	-.006148	-.000751	.0000901	.0052989	.1049127
#2	-.001773	-.007304	-.001248	.0039637	.0076883	.1142930
#3	.001862	-.010920	-.001135	.0039331	.0052372	.1063580

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1699813**	**-.000153**	**.0000676**	**113.6089**	**.0040298**	**-.000093**
Stddev	.0004287	.000002	.0000273	1.3732	.0003916	.000127
%RSD	.2521955	1.111862	40.31517	1.208705	9.717428	136.2012
#1	.1696917	-.000155	.0000486	114.8399	.0043465	.000006
#2	.1704738	-.000153	.0000554	113.8590	.0035919	-.000236
#3	.1697784	-.000152	.0000988	112.1279	.0041509	-.000049

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0104730**	**.3206359**	**.4875009**	**29.60226**	**.0217788**	**-.000047**
Stddev	.0002834	.0019774	.0043062	.37642	.0000783	.000061
%RSD	2.705742	.6167192	.8833181	1.271590	.3593615	130.9534
#1	.0102744	.3191451	.4894951	29.94380	.0218671	-.000104
#2	.0107975	.3228791	.4904484	29.66429	.0217179	.000018
#3	.0103470	.3198834	.4825591	29.19867	.0217515	-.000056

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**303.9631**	**.0030823**	**.1490495**	**27.22928**	**.2726054**	**.0047856**
Stddev	1.3605	.0012797	.0007328	.13195	.0017142	.0000765
%RSD	.4475839	41.51567	.4916444	.4845777	.6288318	1.599152
#1	302.7888	.0040882	.1484753	27.11824	.2732115	.0048353
#2	303.6464	.0035168	.1487984	27.19445	.2739341	.0048239
#3	305.4540	.0016420	.1498749	27.37515	.2706704	.0046974

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2197-05DUP Acquired: 6/10/2025 16:53:45 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002935	-.002227	F 17.20313	6.780309	F 74.49721	.0298909
Stddev	.000665	.000170	.03629	.043360	.25910	.0012650
%RSD	22.66760	7.635459	.2109336	.6394976	.3477945	4.231914
#1	-.002418	-.002074	17.24004	6.787934	74.73825	.0284303
#2	-.003686	-.002410	17.20184	6.819350	74.53017	.0306261
#3	-.002703	-.002196	17.16750	6.733642	74.22321	.0306163

Elem	Sr4077
Units	ppm
Avg	.5982813
Stddev	.0008262
%RSD	.1380908
#1	.5973337
#2	.5988506
#3	.5986596

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2956.728	68991.23	12515.22	2162.590	3927.290
Stddev	8.266	140.91	27.89	5.153	9.287
%RSD	.2795710	.2042439	.2228252	.2382880	.2364646
#1	2953.376	69134.63	12503.41	2164.595	3920.586
#2	2950.664	68986.09	12495.18	2166.440	3923.394
#3	2966.144	68852.95	12547.07	2156.736	3937.890

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2197-05LX5 Acquired: 6/10/2025 16:58:05 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000105**	**-.002169**	**-.001598**	**.0048005**	**.0013125**	**.0217168**	**.0360352**
Stddev	.002065	.001557	.000382	.0028298	.0022442	.0006953	.0008093
%RSD	1975.138	71.78465	23.88401	58.94762	170.9878	3.201770	2.245907
#1	-.000593	-.001801	-.001956	.0075628	.0032412	.0209780	.0355564
#2	-.001882	-.003877	-.001640	.0049311	-.001151	.0223584	.0369696
#3	.002161	-.000829	-.001196	.0019077	.001847	.0218140	.0355797

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0000548**	**.0000866**	**24.94610**	**.0000151**	**-.000098**	**.0052302**	**.1327566**
Stddev	.0000741	.0000258	.11837	.0002478	.000127	.0002811	.0077548
%RSD	135.1668	29.76071	.4745179	1638.452	129.5236	5.374777	5.841385
#1	-.000022	.0001163	24.80944	-.000061	-.000066	.0055366	.1416079
#2	.000060	.0000721	25.01704	.000292	-.000238	.0049843	.1295046
#3	.000126	.0000713	25.01180	-.000185	.000010	.0051697	.1271571

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0645227**	**6.489415**	**.0051748**	**.0000503**	**59.53527**	**.0003758**	**.0290727**
Stddev	.0001548	.044841	.0006300	.0003196	.40160	.0001615	.0001136
%RSD	.2399507	.6909923	12.17406	635.4328	.6745560	42.97088	.3907117
#1	.0646998	6.438444	.0058838	.0002387	59.98315	.0003058	.0291604
#2	.0644130	6.507016	.0046793	-.000319	59.20726	.0002611	.0289444
#3	.0644552	6.522786	.0049612	.000231	59.41539	.0005604	.0291134

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.918820**	**.0658525**	**.0011447**	**-.003417**	**-.000429**	**3.424601**	**1.386672**
Stddev	.005507	.0004292	.0000904	.000393	.000319	.013822	.015601
%RSD	.1119615	.6517271	7.892421	11.49727	74.52533	.4036197	1.125045
#1	4.922019	.0659743	.0012104	-.003808	-.000114	3.408896	1.403091
#2	4.912461	.0653756	.0011822	-.003022	-.000752	3.429990	1.384882
#3	4.921980	.0662076	.0010417	-.003422	-.000420	3.434918	1.372045

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2197-05LX5 Acquired: 6/10/2025 16:58:05 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	15.23034	.0092341	.1276606
Stddev	.17173	.0009500	.0001391
%RSD	1.127537	10.28750	.1089707
#1	15.41831	.0082191	.1278101
#2	15.19103	.0101017	.1276368
#3	15.08167	.0093815	.1275350

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3211.778	76016.49	12725.26	2382.289	4388.672
Stddev	21.965	198.22	40.65	16.023	27.920
%RSD	.6838882	.2607597	.3194528	.6725950	.6361790
#1	3195.064	76088.93	12767.72	2380.471	4363.366
#2	3203.614	76168.31	12721.35	2399.143	4384.028
#3	3236.656	75792.24	12686.70	2367.252	4418.623

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2197-05MS Acquired: 6/10/2025 17:02:21 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.8676821**	**1.841161**	**.9599197**	**2.106026**	**.8664549**	**2.120475**
Stddev	.0012779	.018210	.0031793	.010175	.0049473	.008893
%RSD	.1472770	.9890452	.3312010	.4831216	.5709823	.4194000
#1	.8678057	1.845135	.9623096	2.100211	.8644947	2.129909
#2	.8688936	1.857055	.9611381	2.100092	.8627881	2.112245
#3	.8663468	1.821292	.9563115	2.117774	.8720819	2.119271

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3672098**	**.2028224**	**.2039725**	**117.2775**	**.4166698**	**.2057105**
Stddev	.0014592	.0004339	.0003084	.3360	.0023389	.0002450
%RSD	.3973651	.2139434	.1511788	.2865195	.5613359	.1191080
#1	.3675697	.2031495	.2040959	117.2071	.4151025	.2055034
#2	.3656044	.2023301	.2042001	116.9823	.4155487	.2059810
#3	.3684553	.2029875	.2036216	117.6432	.4193582	.2056471

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3176887**	**3.308186**	**.4922338**	**32.80490**	**.5316032**	**.0689572**
Stddev	.0004609	.019749	.0028862	.10229	.0010009	.0002321
%RSD	.1450627	.5969765	.5863479	.3118253	.1882768	.3365884
#1	.3178509	3.296211	.4917760	32.80698	.5327111	.0691829
#2	.3171687	3.297367	.4896039	32.70157	.5313341	.0687192
#3	.3180465	3.330980	.4953216	32.90613	.5307643	.0689694

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**285.7895**	**.3071244**	**.3637700**	**36.85195**	**.5726412**	**.4423754**
Stddev	2.0362	.0011386	.0006203	.04694	.0023883	.0005643
%RSD	.7124956	.3707220	.1705076	.1273698	.4170614	.1275577
#1	287.7304	.3073106	.3631027	36.81150	.5720768	.4425802
#2	285.9685	.3059042	.3643289	36.84094	.5705857	.4417373
#3	283.6697	.3081584	.3638784	36.90342	.5752611	.4428086

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2197-05MS Acquired: 6/10/2025 17:02:21 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6873796	.1970168	F 17.31502	13.21708	F 75.50786	.2245900
Stddev	.0027812	.0008508	.05824	.03241	.26418	.0008636
%RSD	.4046084	.4318595	.3363488	.2452089	.3498692	.3845050
#1	.6893547	.1969389	17.32703	13.19874	75.62331	.2242827
#2	.6885850	.1962076	17.25171	13.25450	75.69467	.2255652
#3	.6841991	.1979039	17.36632	13.19800	75.20561	.2239222

Elem	Sr4077
Units	ppm
Avg	.8145841
Stddev	.0010957
%RSD	.1345166
#1	.8147511
#2	.8134144
#3	.8155867

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2912.226	69817.97	11553.39	2173.226	3877.835
Stddev	10.837	128.40	17.77	4.928	4.479
%RSD	.3721254	.1839122	.1538241	.2267738	.1154924
#1	2913.088	69790.40	11538.24	2169.591	3875.365
#2	2922.606	69957.91	11572.95	2178.836	3883.004
#3	2900.983	69705.58	11548.96	2171.252	3875.134

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2197-05MSD Acquired: 6/10/2025 17:06:27 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.9018296**	**1.874949**	**.9856563**	**2.177311**	**.9088711**	**2.221389**
Stddev	.0004583	.020505	.0082204	.004229	.0078474	.002171
%RSD	.0508193	1.093619	.8340028	.1942304	.8634232	.0977378
#1	.9017341	1.897325	.9779075	2.181481	.9138791	2.221444
#2	.9014266	1.857059	.9847828	2.177426	.9129071	2.223532
#3	.9023282	1.870462	.9942785	2.173025	.8998271	2.219191

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3923714**	**.2034126**	**.2095217**	**123.1548**	**.4314548**	**.2117440**
Stddev	.0004348	.0008707	.0013332	.3478	.0014863	.0008120
%RSD	.1108139	.4280523	.6362868	.2823700	.3444910	.3834928
#1	.3921309	.2024494	.2088086	123.2106	.4299305	.2112667
#2	.3928733	.2041439	.2086966	123.4713	.4329000	.2112837
#3	.3921100	.2036444	.2110597	122.7826	.4315339	.2126816

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3279612**	**3.580686**	**.5190847**	**34.06511**	**.5462583**	**.0737882**
Stddev	.0013682	.009421	.0016691	.12583	.0030280	.0005900
%RSD	.4171929	.2631127	.3215554	.3693847	.5543187	.7996116
#1	.3287463	3.580047	.5188098	34.10517	.5442417	.0744412
#2	.3287559	3.590410	.5208743	34.16603	.5447930	.0736297
#3	.3263813	3.571600	.5175701	33.92412	.5497403	.0732936

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**316.3422**	**.3209261**	**.3833486**	**40.47296**	**.5837781**	**.4616914**
Stddev	.8902	.0008870	.0013201	.16473	.0013023	.0015745
%RSD	.2814037	.2763859	.3443699	.4070148	.2230772	.3410287
#1	317.3596	.3216637	.3848727	40.62966	.5827779	.4621199
#2	315.7064	.3199419	.3826108	40.48798	.5833058	.4630074
#3	315.9606	.3211728	.3825622	40.30123	.5852507	.4599471

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2197-05MSD Acquired: 6/10/2025 17:06:27 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7045486	.2071390	F 18.88929	13.54781	F 77.41614	.2406826
Stddev	.0045068	.0006907	.07324	.06165	.30912	.0027274
%RSD	.6396774	.3334493	.3877521	.4550250	.3993006	1.133209
#1	.7001074	.2079213	18.93701	13.56528	77.32129	.2419451
#2	.7044202	.2066135	18.92589	13.47931	77.16556	.2375527
#3	.7091183	.2068821	18.80496	13.59883	77.76158	.2425501

Elem	Sr4077
Units	ppm
Avg	.8633720
Stddev	.0005688
%RSD	.0658841
#1	.8636838
#2	.8637167
#3	.8627154

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2937.016	69904.14	12019.65	2165.773	3929.709
Stddev	46.182	189.31	20.28	12.943	38.969
%RSD	1.572398	.2708204	.1687141	.5976341	.9916569
#1	2907.124	69820.92	12035.43	2154.914	3908.659
#2	2913.719	69770.69	11996.78	2162.308	3905.792
#3	2990.206	70120.81	12026.75	2180.096	3974.676

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2197-05A Acquired: 6/10/2025 17:28:07 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.8200031**	**1.719598**	**.8990161**	**1.974079**	**.8599938**	**2.011525**
Stddev	.0019826	.011762	.0032150	.007709	.0024991	.005479
%RSD	.2417790	.6839692	.3576124	.3905301	.2905893	.2723869
#1	.8195438	1.728688	.9027284	1.980617	.8594049	2.012010
#2	.8221750	1.706314	.8971784	1.965578	.8578418	2.005820
#3	.8182904	1.723792	.8971415	1.976042	.8627347	2.016746

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3567721**	**.1885766**	**.1905510**	**113.9539**	**.3960966**	**.1930120**
Stddev	.0010143	.0005124	.0005546	.2922	.0009866	.0004362
%RSD	.2843105	.2717177	.2910353	.2564512	.2490828	.2259717
#1	.3566132	.1887943	.1911062	114.2826	.3951463	.1931349
#2	.3558466	.1879913	.1899971	113.7233	.3960275	.1925276
#3	.3578566	.1889443	.1905498	113.8558	.3971159	.1933736

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3300275**	**3.596481**	**.5759732**	**31.53722**	**.5029203**	**.0656320**
Stddev	.0007533	.003744	.0026052	.08407	.0005891	.0007211
%RSD	.2282502	.1041148	.4523143	.2665621	.1171426	1.098707
#1	.3305231	3.597603	.5752666	31.63010	.5035979	.0662531
#2	.3291606	3.599535	.5737942	31.51522	.5025292	.0658019
#3	.3303987	3.592303	.5788588	31.46635	.5026339	.0648412

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**287.3743**	**.2919718**	**.3541178**	**36.65121**	**.5414793**	**.4408047**
Stddev	.7344	.0019925	.0009403	.07991	.0012106	.0013144
%RSD	.2555416	.6824360	.2655467	.2180343	.2235719	.2981762
#1	287.3872	.2940089	.3547018	36.60053	.5421491	.4409889
#2	288.1021	.2900270	.3530330	36.60976	.5400818	.4394080
#3	286.6335	.2918795	.3546184	36.74333	.5422069	.4420173

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2197-05A Acquired: 6/10/2025 17:28:07 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6958551	.1974210	F 17.26421	12.37133	F 71.34471	.2153161
Stddev	.0031035	.0008547	.04191	.03142	.21680	.0039821
%RSD	.4459973	.4329459	.2427802	.2539762	.3038723	1.849407
#1	.6990472	.1982392	17.28438	12.39991	71.57925	.2134707
#2	.6928485	.1965339	17.29223	12.33769	71.15165	.2125914
#3	.6956696	.1974899	17.21602	12.37640	71.30324	.2198861

Elem	Sr4077
Units	ppm
Avg	.7912042
Stddev	.0033282
%RSD	.4206453
#1	.7910813
#2	.7879392
#3	.7945921

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2931.295	69358.91	11797.00	2165.284	3933.054
Stddev	7.663	85.30	38.13	8.485	7.854
%RSD	.2614286	.1229784	.3232561	.3918616	.1996897
#1	2933.646	69276.17	11758.14	2156.867	3928.317
#2	2937.507	69354.01	11834.36	2165.148	3942.120
#3	2922.732	69446.56	11798.51	2173.836	3928.725

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2137-05 Acquired: 6/10/2025 17:32:15 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000602**	**-.005478**	**-.000958**	**.0061936**	**.0065913**	**.0826551**	**.2260140**
Stddev	.002745	.001704	.000916	.0020260	.0014937	.0042002	.0014636
%RSD	455.8119	31.09824	95.57333	32.71190	22.66153	5.081558	.6475924
#1	-.001616	-.003625	.000097	.0049862	.0056683	.0819040	.2275792
#2	.002505	-.006976	-.001544	.0085326	.0083146	.0788812	.2246792
#3	-.002696	-.005834	-.001428	.0050619	.0057909	.0871802	.2257836

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000138**	**.0003244**	**12.08978**	**.0016704**	**.0009526**	**.0030475**	**2.212550**
Stddev	.000033	.0000499	.03599	.0004438	.0002498	.0002488	.013819
%RSD	23.79034	15.38544	.2976548	26.57007	26.22460	8.162621	.6245519
#1	-.000119	.0002938	12.06375	.0012563	.0011976	.0027623	2.213228
#2	-.000120	.0002974	12.13084	.0021390	.0006982	.0031599	2.226018
#3	-.000177	.0003820	12.07473	.0016159	.0009620	.0032202	2.198406

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0896852**	**1.533767**	**.0050119**	**.0001764**	**274.9284**	**-.000452**	**.9302506**
Stddev	.0000751	.022680	.0002473	.0002131	.8686	.001337	.0011757
%RSD	.0836944	1.478728	4.934915	120.8574	.3159427	295.8503	.1263857
#1	.0897013	1.510112	.0052716	.0003195	275.9245	.000878	.9291829
#2	.0896034	1.555328	.0049848	.0002782	274.3288	-.000439	.9315106
#3	.0897509	1.535861	.0047792	-.000069	274.5319	-.001795	.9300582

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.336404**	**.5293214**	**.0054993**	**-.001882**	**-.000043**	**.3480027**	**.9010613**
Stddev	.012002	.0017234	.0001542	.001206	.000475	.0062352	.0012217
%RSD	.8980806	.3255945	2.803290	64.05261	1113.391	1.791711	.1355823
#1	1.326774	.5284742	.0053345	-.002366	-.000367	.3551427	.9008179
#2	1.332589	.5281855	.0056399	-.002771	.000503	.3436309	.8999797
#3	1.349850	.5313044	.0055237	-.000510	-.000264	.3452344	.9023864

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2137-05 Acquired: 6/10/2025 17:32:15 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	**1.398444**	**.1171389**	**.0630527**
Stddev	.000970	.0007168	.0001297
%RSD	.0693492	.6119326	.2057247
#1	1.399490	.1172109	.0632014
#2	1.398266	.1163888	.0629625
#3	1.397575	.1178169	.0629942

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3049.807**	**71763.41**	**12144.34**	**2272.858**	**4133.600**
Stddev	36.861	385.53	24.98	14.155	27.793
%RSD	1.208639	.5372217	.2056644	.6227823	.6723605
#1	3088.530	71399.47	12115.55	2259.028	4162.990
#2	3015.144	71723.37	12157.25	2272.231	4107.743
#3	3045.748	72167.40	12160.22	2287.317	4130.066

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: CCV03 Acquired: 6/10/2025 17:36:39 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCV03 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**5.132312**	**4.989639**	**5.081555**	**5.143826**	**5.108172**	**9.931139**	**10.21163**
Stddev	.011403	.042586	.010105	.009355	.012083	.047212	.03164
%RSD	.2221722	.8534979	.1988567	.1818616	.2365442	.4753968	.3098195
#1	5.123534	4.982196	5.087276	5.135496	5.100737	9.945604	10.24141
#2	5.128203	4.951265	5.069888	5.142037	5.101665	9.969426	10.21508
#3	5.145200	5.035456	5.087501	5.153946	5.122114	9.878386	10.17842

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2426612**	**2.537134**	**25.03908**	**1.034166**	**2.526566**	**1.278050**	**5.391537**
Stddev	.0016094	.006271	.17236	.002287	.006473	.002926	.012937
%RSD	.6632480	.2471720	.6883692	.2211378	.2562064	.2289739	.2399449
#1	.2442151	2.541910	25.21640	1.035271	2.530161	1.276823	5.400704
#2	.2427669	2.530032	25.02868	1.031537	2.519093	1.275937	5.376739
#3	.2410015	2.539459	24.87215	1.035691	2.530443	1.281391	5.397168

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.496807**	**24.66460**	**2.537761**	**1.282703**	**26.66983**	**2.535320**	**2.579813**
Stddev	.010279	.25624	.004909	.002179	.17646	.013100	.004905
%RSD	.4116886	1.038909	.1934506	.1699041	.6616454	.5166904	.1901438
#1	2.504678	24.95450	2.540980	1.283164	26.46641	2.547245	2.574149
#2	2.500566	24.57092	2.532110	1.280330	26.78165	2.537417	2.582553
#3	2.485178	24.46839	2.540193	1.284615	26.76143	2.521299	2.582735

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**26.36233**	**4.779378**	**5.117221**	**5.100455**	**5.077556**	**5.337998**	**5.152774**
Stddev	.13558	.026224	.012023	.014092	.019325	.015507	.014046
%RSD	.5143119	.5486886	.2349544	.2762800	.3806017	.2904975	.2725855
#1	26.21464	4.804626	5.109888	5.100131	5.083487	5.321717	5.162772
#2	26.39121	4.781231	5.110678	5.086529	5.093220	5.339684	5.136715
#3	26.48115	4.752277	5.131096	5.114706	5.055960	5.352592	5.158833

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: CCV03 Acquired: 6/10/2025 17:36:39 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCV03 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	**5.022136**	**4.909148**	**5.124249**
Stddev	.016610	.039507	.021285
%RSD	.3307454	.8047623	.4153759
#1	5.023962	4.872233	5.116889
#2	5.004688	4.950817	5.148237
#3	5.037758	4.904395	5.107621

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3182.572**	**73115.45**	**12463.01**	**2343.858**	**4243.154**
Stddev	4.668	171.82	52.93	16.389	6.546
%RSD	.1466663	.2349988	.4246636	.6992303	.1542789
#1	3185.805	73297.84	12429.90	2362.451	4240.565
#2	3184.689	73091.87	12435.07	2331.507	4250.599
#3	3177.220	72956.64	12524.05	2337.616	4238.298

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: CCB03 Acquired: 6/10/2025 17:40:50 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCB03 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009983	-.000237	-.000318	-.000191	.0014281	.0026423	-.001767
Stddev	.0017385	.000424	.000630	.002207	.0013545	.0034146	.000130
%RSD	174.1403	178.9505	197.8418	1155.891	94.85087	129.2255	7.382657
#1	.0009347	-.000722	-.000100	.000374	.0024340	-.000119	-.001873
#2	-.000707	-.000050	-.001028	.001678	.0019623	.006460	-.001621
#3	.002768	.000061	.000173	-.002625	-.000112	.001586	-.001807

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000377	.0000161	.0042082	.0002904	.0000076	-.000037	.0026840
Stddev	.0000350	.0000269	.0067403	.0000667	.0001771	.000238	.0020078
%RSD	92.89346	167.6910	160.1711	22.95189	2338.552	637.5572	74.80843
#1	.0000698	.0000097	.0115081	.0003300	.0000862	.000168	.0023120
#2	.0000431	.0000456	-.001779	.0003278	.0001317	-.000298	.0008881
#3	.0000003	-.000007	.002896	.0002135	-.000195	.000018	.0048517

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003684	.0014635	-.000050	-.000090	.0950593	.0001611	-.000209
Stddev	.0002164	.0231253	.000161	.000237	.0057658	.0001219	.000163
%RSD	58.74022	1580.147	320.2982	264.8143	6.065437	75.64199	77.95799
#1	.0006183	.0007805	-.000233	.000027	.0996719	.0000899	-.000059
#2	.0002431	.0249228	.000067	-.000362	.0969108	.0003018	-.000185
#3	.0002438	-.021313	.000016	.000067	.0885953	.0000916	-.000382

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0399405	.0055664	.0005846	.0004228	-.000085	.0105829	-.000015
Stddev	.0154716	.0000957	.0002142	.0002502	.000443	.0065391	.002499
%RSD	38.73651	1.719110	36.63436	59.16824	521.8439	61.78992	16804.09
#1	.0238948	.0055188	.0006166	.0002225	.000328	.0127457	.002780
#2	.0411611	.0055038	.0007809	.0003427	-.000029	.0157666	-.000790
#3	.0547657	.0056765	.0003562	.0007032	-.000554	.0032363	-.002035

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: CCB03 Acquired: 6/10/2025 17:40:50 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCB03 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0054147	.0060908	.0001129
Stddev	.0030257	.0020938	.0000172
%RSD	55.87976	34.37645	15.26541
#1	.0078336	.0039832	.0000958
#2	.0063885	.0061188	.0001127
#3	.0020220	.0081705	.0001302

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3303.032	77268.93	13032.05	2451.894	4726.258
Stddev	10.552	15.89	31.65	5.642	6.078
%RSD	.3194505	.0205607	.2428830	.2301232	.1285905
#1	3307.948	77277.92	13001.22	2449.517	4730.089
#2	3290.920	77250.59	13030.47	2458.336	4719.251
#3	3310.229	77278.30	13064.47	2447.830	4729.435

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2240-01 Acquired: 6/10/2025 17:45:02 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1591058	-.028704	4.843320	-.069170	-.000145	133.3422
Stddev	.0015472	.003782	.013419	.006530	.001474	.0247
%RSD	.9724259	13.17546	.2770636	9.439836	1017.250	.0185280
#1	.1597844	-.032181	4.857253	-.063138	.001313	133.3555
#2	.1573353	-.029253	4.842225	-.068269	-.000113	133.3137
#3	.1601978	-.024677	4.830482	-.076104	-.001635	133.3575

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.164421	.0155581	.0284555	48.76255	.2686722	.1518358
Stddev	.002309	.0000545	.0001439	.21335	.0004626	.0005931
%RSD	.1066699	.3501081	.5057295	.4375182	.1721770	.3906111
#1	2.162196	.0156148	.0284639	48.96907	.2681770	.1520316
#2	2.166805	.0155062	.0283076	48.77560	.2690933	.1511696
#3	2.164262	.0155531	.0285951	48.54297	.2687462	.1523062

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.159891	281.2708	4.842742	80.25553	.3279086	-.004639
Stddev	.000742	1.7245	.018979	.38214	.0007273	.000401
%RSD	.0639460	.6131218	.3918993	.4761552	.2218044	8.644129
#1	1.160454	281.8089	4.856839	80.62102	.3286519	-.004393
#2	1.159050	282.6621	4.850225	80.28689	.3278753	-.004422
#3	1.160167	279.3413	4.821163	79.85867	.3271985	-.005102

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.099152	.6380790	4.124322	34.10851	-.176745	.0069573
Stddev	.039553	.0022614	.015476	.16944	.010117	.0002614
%RSD	.5571482	.3544126	.3752427	.4967573	5.723815	3.756910
#1	7.058020	.6406158	4.106827	33.93457	-.172772	.0067908
#2	7.136909	.6373469	4.136224	34.27305	-.169217	.0068224
#3	7.102529	.6362743	4.129914	34.11790	-.188244	.0072585

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2240-01 Acquired: 6/10/2025 17:45:02 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1388487	7.280909	F 14.32538	8.657659	9.581630	.3549884
Stddev	.0007007	.012914	.09132	.057849	.034135	.0015072
%RSD	.5046251	.1773670	.6374954	.6681803	.3562495	.4245702
#1	.1393446	7.285360	14.32318	8.724180	9.620743	.3546927
#2	.1391543	7.291008	14.41779	8.619134	9.566287	.3566215
#3	.1380471	7.266358	14.23519	8.629663	9.557859	.3536509

Elem	Sr4077
Units	ppm
Avg	.1081249
Stddev	.0016170
%RSD	1.495527
#1	.1071537
#2	.1072293
#3	.1099916

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3761.504	90982.41	14778.29	2816.978	4006.650
Stddev	7.230	168.10	24.73	8.683	7.285
%RSD	.1922003	.1847650	.1673487	.3082309	.1818262
#1	3769.354	91128.57	14761.18	2825.633	4011.205
#2	3755.119	90798.71	14806.64	2808.268	3998.247
#3	3760.038	91019.94	14767.04	2817.031	4010.496

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2240-05 Acquired: 6/10/2025 17:49:04 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3285499**	**-.014417**	**19.72409**	**-.076502**	**.0239549**	**87.91336**
Stddev	.0032243	.002025	.12214	.002101	.0012513	.19909
%RSD	.9813657	14.04502	.6192193	2.746868	5.223557	.2264632
#1	.3250230	-.012408	19.68839	-.074160	.0236277	87.77061
#2	.3292806	-.016457	19.62378	-.077121	.0228998	87.82868
#3	.3313461	-.014386	19.86009	-.078224	.0253374	88.14080

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**8.004301**	**.0124804**	**.0426422**	**351.7386**	**.4310057**	**.2467214**
Stddev	.021723	.0000750	.0002912	2.5600	.0005709	.0012893
%RSD	.2713975	.6007523	.6828923	.7278206	.1324576	.5225731
#1	7.990214	.0125566	.0423736	353.2771	.4303506	.2469842
#2	8.029319	.0124779	.0426013	353.1553	.4313975	.2453210
#3	7.993370	.0124067	.0429517	348.7833	.4312688	.2478591

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.403359**	**336.0091**	**4.135030**	**89.91383**	**.7025342**	**.0009910**
Stddev	.013407	.4714	.001709	.19891	.0038503	.0004748
%RSD	.3044772	.1403041	.0413222	.2212191	.5480569	47.90996
#1	4.389812	335.5912	4.134081	90.14338	.7012409	.0005247
#2	4.403645	336.5202	4.137002	89.79234	.6994970	.0014739
#3	4.416622	335.9160	4.134006	89.80578	.7068646	.0009745

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**29.56370**	**.6374653**	**15.12791**	**12.09179**	**-.056239**	**.0397897**
Stddev	.12217	.0020458	.10152	.03844	.003792	.0002525
%RSD	.4132472	.3209257	.6710907	.3179048	6.743299	.6346857
#1	29.42694	.6352378	15.21406	12.05805	-.055476	.0400073
#2	29.60214	.6392602	15.01598	12.08368	-.052885	.0398492
#3	29.66203	.6378978	15.15369	12.13364	-.060354	.0395128

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2240-05 Acquired: 6/10/2025 17:49:04 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.021810	4.411472	9.960694	14.41853	F 42.17300	.3175015
Stddev	.005975	.005424	.012902	.07309	.20934	.0007395
%RSD	.5847816	.1229506	.1295305	.5068951	.4963918	.2329081
#1	1.020522	4.405475	9.950985	14.37757	42.08031	.3167586
#2	1.016584	4.412905	9.975335	14.37512	42.02601	.3182376
#3	1.028324	4.416035	9.955762	14.50292	42.41269	.3175083

Elem	Sr4077
Units	ppm
Avg	.7295917
Stddev	.0027023
%RSD	.3703842
#1	.7265514
#2	.7305037
#3	.7317200

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3301.932	80064.83	13831.04	2492.205	3662.561
Stddev	11.045	32.88	10.78	2.185	6.878
%RSD	.3344937	.0410625	.0779233	.0876541	.1877834
#1	3312.410	80102.68	13832.11	2494.649	3670.142
#2	3290.396	80043.33	13841.23	2491.524	3660.822
#3	3302.989	80048.48	13819.76	2490.442	3656.720

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2240-09 Acquired: 6/10/2025 17:53:32 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1873518	-.013718	7.442325	-.030009	.0102002	68.65932
Stddev	.0008053	.000527	.031987	.004976	.0021993	.23191
%RSD	.4298372	3.840005	.4297962	16.58191	21.56131	.3377719
#1	.1868215	-.013308	7.426392	-.026604	.0083036	68.92104
#2	.1882785	-.013535	7.421433	-.035720	.0126111	68.57753
#3	.1869555	-.014312	7.479149	-.027703	.0096860	68.47938

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.216473	.0103275	.0246369	254.4792	.3323983	.1104213
Stddev	.048323	.0002037	.0001765	1.8024	.0012015	.0003914
%RSD	1.146052	1.972356	.7164675	.7082663	.3614736	.3544249
#1	4.253625	.0105627	.0244370	255.4511	.3337753	.1105013
#2	4.233950	.0102126	.0247028	252.3994	.3315630	.1099961
#3	4.161843	.0102072	.0247711	255.5870	.3318566	.1107664

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.345515	233.1309	1.903906	36.80698	.3155365	.0036675
Stddev	.006376	.5262	.008677	.03446	.0011918	.0004127
%RSD	.4738395	.2257002	.4557434	.0936293	.3777085	11.25180
#1	1.338646	233.6220	1.913912	36.78486	.3146789	.0031926
#2	1.346658	232.5755	1.898447	36.78939	.3150333	.0038720
#3	1.351243	233.1953	1.899360	36.84669	.3168974	.0039380

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.03197	.4083703	6.933038	8.111336	.1460993	.0369380
Stddev	.08416	.0017515	.040966	.029062	.0021779	.0002994
%RSD	.8389267	.4289011	.5908846	.3582935	1.490722	.8105643
#1	10.12596	.4103624	6.979934	8.144754	.1469620	.0365939
#2	9.96360	.4070718	6.904225	8.091976	.1436222	.0371392
#3	10.00634	.4076767	6.914955	8.097277	.1477138	.0370809

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2240-09 Acquired: 6/10/2025 17:53:32 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3568143	4.239826	7.203286	11.39967	F 53.55279	.2250302
Stddev	.0004069	.021184	.022629	.04814	.20640	.0013220
%RSD	.1140339	.4996329	.3141487	.4222656	.3854171	.5874687
#1	.3568593	4.264011	7.222632	11.42768	53.53351	.2242921
#2	.3563868	4.224564	7.208825	11.34409	53.35671	.2265564
#3	.3571969	4.230903	7.178402	11.42725	53.76816	.2242420

Elem	Sr4077
Units	ppm
Avg	1.295226
Stddev	.012065
%RSD	.9314945
#1	1.308335
#2	1.292754
#3	1.284588

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3264.698	78466.04	14036.59	2445.803	3939.683
Stddev	16.804	46.53	31.09	11.301	15.955
%RSD	.5147034	.0592932	.2214570	.4620711	.4049934
#1	3283.052	78412.61	14000.72	2434.666	3954.524
#2	3260.971	78487.93	14055.76	2457.262	3941.715
#3	3250.071	78497.59	14053.29	2445.482	3922.808

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2244-01 Acquired: 6/10/2025 17:58:00 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0484854	-.011096	.1751659	-.065859	-.008351	115.5278	1.625082
Stddev	.0004066	.003711	.0006358	.003299	.000064	.2927	.009933
%RSD	.8386170	33.44971	.3629785	5.009818	.7694199	.2533223	.6112045
#1	.0484824	-.014824	.1748113	-.069628	-.008279	115.5089	1.632020
#2	.0488935	-.007402	.1747864	-.064459	-.008403	115.2451	1.613704
#3	.0480803	-.011061	.1758999	-.063491	-.008372	115.8295	1.629523

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0116201	.0153216	123.4449	.2035167	.1954492	.3052376	305.6316
Stddev	.0000391	.0004630	.1099	.0007878	.0006432	.0019363	1.3781
%RSD	.3361384	3.021882	.0890255	.3871168	.3290944	.6343496	.4509026
#1	.0115778	.0157465	123.4618	.2034323	.1959672	.3069182	304.0403
#2	.0116278	.0153901	123.5454	.2027744	.1956512	.3056744	306.4323
#3	.0116547	.0148282	123.3275	.2043433	.1947292	.3031203	306.4221

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.386556	65.15612	.3391380	-.002397	9.186141	.3315691	.7429931
Stddev	.025822	.13550	.0003631	.000217	.047757	.0027092	.0051568
%RSD	.2750969	.2079571	.1070610	9.035739	.5198829	.8170977	.6940628
#1	9.414377	65.16399	.3393431	-.002184	9.186892	.3329774	.7373320
#2	9.363357	65.28751	.3387188	-.002617	9.138013	.3284458	.7474227
#3	9.381933	65.01685	.3393521	-.002389	9.233519	.3332842	.7442247

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.69412	-.030630	.0040295	.0088984	3.362878	3.158385	6.773937
Stddev	.11022	.006440	.0001590	.0017268	.011603	.041501	.013697
%RSD	.5326281	21.02529	3.945916	19.40546	.3450434	1.313999	.2022051
#1	20.58603	-.037563	.0038520	.0090860	3.374114	3.113455	6.774329
#2	20.68997	-.024835	.0040777	.0105238	3.350939	3.195283	6.787434
#3	20.80636	-.029492	.0041589	.0070855	3.363582	3.166418	6.760048

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2244-01 Acquired: 6/10/2025 17:58:00 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4496523	.4649147	.0273397
Stddev	.0045570	.0030186	.0028537
%RSD	1.013451	.6492849	10.43776
#1	.4527244	.4652941	.0301739
#2	.4444165	.4617243	.0244670
#3	.4518160	.4677257	.0273783

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3579.364	84254.35	14765.67	2669.211	3976.260
Stddev	30.465	505.36	23.79	25.672	23.256
%RSD	.8511241	.5998046	.1610965	.9617874	.5848639
#1	3558.000	84836.26	14761.40	2698.542	3961.932
#2	3565.843	84001.18	14791.30	2650.827	3963.756
#3	3614.249	83925.61	14744.31	2658.265	4003.093

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2242-01 Acquired: 6/10/2025 18:02:06 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0610807	-.018179	.2276052	-.091275	-.014737	219.6651	.8842109
Stddev	.0002156	.001163	.0020324	.003000	.000999	.9809	.0024248
%RSD	.3529686	6.399209	.8929354	3.287296	6.776565	.4465366	.2742318
#1	.0612853	-.017642	.2279362	-.094717	-.013664	219.7954	.8833167
#2	.0608556	-.017381	.2294517	-.089896	-.015639	218.6256	.8869558
#3	.0611012	-.019514	.2254276	-.089212	-.014908	220.5743	.8823601

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0155906	.0428809	8.844447	.2675499	.5265458	.2580498	405.5160
Stddev	.0000856	.0005206	.040623	.0008283	.0022488	.0006279	3.2809
%RSD	.5492294	1.214126	.4593056	.3095781	.4270822	.2433103	.8090764
#1	.0156862	.0425839	8.857219	.2666134	.5277844	.2581710	408.3284
#2	.0155649	.0425767	8.877149	.2678500	.5279030	.2573702	406.3082
#3	.0155208	.0434820	8.798973	.2681863	.5239501	.2586083	401.9115

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.85044	20.71584	.3901063	-.005039	3.065918	.4617893	.4680629
Stddev	.06901	.12709	.0021321	.001065	.012397	.0025658	.0007783
%RSD	.5823323	.6134737	.5465514	21.14158	.4043392	.5556197	.1662884
#1	11.90909	20.85626	.3919012	-.004183	3.076493	.4636981	.4675893
#2	11.86783	20.68257	.3906682	-.004702	3.068985	.4627973	.4689612
#3	11.77440	20.60870	.3877495	-.006233	3.052276	.4588726	.4676381

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.82317	-.113960	.0006719	.0138663	3.325747	9.078024	6.415916
Stddev	.06881	.008582	.0003980	.0013737	.008438	.051995	.038765
%RSD	.5819757	7.531025	59.23779	9.906546	.2537128	.5727582	.6042069
#1	11.83573	-.108249	.0010151	.0126303	3.331622	9.122152	6.454705
#2	11.88483	-.109801	.0007650	.0153453	3.329541	9.091215	6.415868
#3	11.74894	-.123829	.0002356	.0136234	3.316078	9.020703	6.377175

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2242-01 Acquired: 6/10/2025 18:02:06 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.055518	.3090059	-.316706
Stddev	.013090	.0024188	.003075
%RSD	1.240138	.7827826	.9708821
#1	1.069814	.3101778	-.319428
#2	1.052620	.3106156	-.317319
#3	1.044120	.3062243	-.313370

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4785.400	110689.1	19388.17	3531.818	4137.578
Stddev	51.369	374.3	10.34	18.839	25.769
%RSD	1.073459	.3381821	.0533072	.5334212	.6227963
#1	4810.133	110369.6	19377.91	3524.997	4150.208
#2	4819.725	110596.6	19388.00	3517.339	4154.595
#3	4726.343	111101.0	19398.58	3553.118	4107.931

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2238-01DUP Acquired: 6/10/2025 18:06:26 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0575316	-.042497	.3685497	-.105296	.0052085	155.8103	1.155210
Stddev	.0025083	.002119	.0034742	.008939	.0024000	.2841	.001782
%RSD	4.359886	4.985072	.9426743	8.489001	46.07804	.1823201	.1542612
#1	.0553325	-.040096	.3664106	-.095336	.0068354	155.5475	1.155982
#2	.0569986	-.043291	.3666802	-.112620	.0063380	155.7718	1.153172
#3	.0602635	-.044104	.3725584	-.107933	.0024522	156.1117	1.156476

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0074986	.0956618	659.1155	.2828352	.2174892	1.071422	345.2190
Stddev	.0001129	.0007346	2.1717	.0003682	.0008760	.002369	.5510
%RSD	1.506157	.7679304	.3294818	.1301691	.4027934	.2211137	.1596128
#1	.0074341	.0961667	658.5892	.2830106	.2184233	1.073325	345.1048
#2	.0074326	.0959996	657.2554	.2830827	.2166859	1.072173	344.7340
#3	.0076290	.0948190	661.5019	.2824121	.2173585	1.068769	345.8181

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.810177	281.6500	.4215395	.0139191	10.10816	.6538019	4.691286
Stddev	.032432	1.3289	.0020451	.0003715	.05169	.0044092	.015246
%RSD	.4762255	.4718418	.4851439	2.668855	.5113653	.6743897	.3249772
#1	6.783437	280.5468	.4235182	.0140973	10.16736	.6529886	4.702334
#2	6.800842	281.2777	.4216663	.0134921	10.08516	.6498560	4.697632
#3	6.846253	283.1253	.4194340	.0141680	10.07197	.6585611	4.673893

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.99104	.3348600	.0128375	.0323406	9.954679	12.99824	9.789380
Stddev	.06804	.0065509	.0006706	.0006430	.024535	.02460	.017064
%RSD	.3781705	1.956306	5.224166	1.988185	.2464694	.1892559	.1743153
#1	18.06683	.3273026	.0127721	.0321950	9.930635	13.02379	9.804294
#2	17.97103	.3383593	.0122020	.0330439	9.953724	12.99622	9.793075
#3	17.93524	.3389182	.0135385	.0317829	9.979678	12.97472	9.770770

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2238-01DUP Acquired: 6/10/2025 18:06:26 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	**11.26938**	**.4309751**	**1.166460**
Stddev	.02916	.0011290	.001397
%RSD	.2587431	.2619727	.1197499
#1	11.26829	.4298882	1.165471
#2	11.29907	.4321420	1.168058
#3	11.24079	.4308951	1.165850

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3080.347**	**74599.24**	**13197.56**	**2271.583**	**3417.098**
Stddev	7.108	221.55	21.88	5.964	11.902
%RSD	.2307399	.2969864	.1657689	.2625645	.3483160
#1	3080.056	74350.15	13208.86	2264.799	3415.252
#2	3073.390	74673.31	13211.48	2276.004	3406.226
#3	3087.596	74774.27	13172.35	2273.945	3429.815

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2238-01LX5 Acquired: 6/10/2025 18:11:30 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0099449**	**-.007475**	**.1037434**	**-.019560**	**.0022642**	**31.34601**	**.2949887**
Stddev	.0017220	.000526	.0027468	.003843	.0006569	.02987	.0012330
%RSD	17.31554	7.040264	2.647662	19.64608	29.01299	.0952867	.4179644
#1	.0086439	-.008045	.1059136	-.018075	.0019850	31.37892	.2958620
#2	.0118977	-.007007	.1046613	-.023924	.0030145	31.33847	.2955259
#3	.0092932	-.007374	.1006552	-.016682	.0017930	31.32063	.2935783

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0017676**	**.0172151**	**87.43977**	**.0632551**	**.0377919**	**.4681138**	**82.15859**
Stddev	.0000886	.0005778	.77161	.0002792	.0008872	.0072759	.29963
%RSD	5.011399	3.356228	.8824432	.4414569	2.347680	1.554299	.3646912
#1	.0017734	.0177975	88.30858	.0635766	.0387051	.4751372	82.31817
#2	.0016763	.0172059	86.83433	.0630731	.0377376	.4685947	82.34465
#3	.0018532	.0166421	87.17641	.0631157	.0369331	.4606093	81.81295

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.400298**	**30.42628**	**.0872919**	**-.000947**	**1.561948**	**.1449352**	**1.877709**
Stddev	.008415	.30481	.0013489	.000098	.026739	.0004638	.007996
%RSD	.6009146	1.001804	1.545263	10.36108	1.711922	.3200328	.4258610
#1	1.409958	30.75702	.0886276	-.000834	1.538722	.1450575	1.874718
#2	1.396375	30.15667	.0873181	-.001007	1.591179	.1444224	1.886770
#3	1.394561	30.36515	.0859302	-.001001	1.555942	.1453256	1.871639

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**3.164236**	**.0604751**	**.0025865**	**.0033076**	**2.375467**	**2.878094**	**1.710114**
Stddev	.041524	.0009420	.0002009	.0007421	.013563	.016439	.026211
%RSD	1.312307	1.557651	7.767477	22.43591	.5709434	.5711769	1.532720
#1	3.119071	.0611725	.0026797	.0040520	2.390135	2.872729	1.733465
#2	3.200761	.0594035	.0027238	.0033029	2.372884	2.896546	1.715114
#3	3.172876	.0608493	.0023559	.0025679	2.363381	2.865008	1.681763

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2238-01LX5 Acquired: 6/10/2025 18:11:30 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	**2.292272**	**.0757819**	**.1995638**
Stddev	.035887	.0014461	.0006437
%RSD	1.565567	1.908203	.3225706
#1	2.328871	.0765625	.2002463
#2	2.290803	.0766699	.1994775
#3	2.257142	.0741133	.1989676

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3274.149**	**76164.25**	**12416.34**	**2438.002**	**4300.314**
Stddev	11.603	706.27	11.48	42.775	8.489
%RSD	.3543863	.9272970	.0924686	1.754521	.1974079
#1	3286.505	76930.56	12420.83	2484.637	4305.775
#2	3263.485	75539.46	12424.91	2400.591	4290.534
#3	3272.458	76022.72	12403.30	2428.777	4304.633

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2238-01MS Acquired: 6/10/2025 18:15:41 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8037923	1.695155	1.399728	1.719395	.2713745	160.3446
Stddev	.0025231	.009041	.001589	.004918	.0008121	.0302
%RSD	.3138973	.5333379	.1135102	.2860561	.2992726	.0188274
#1	.8061820	1.685159	1.398396	1.723470	.2706856	160.3263
#2	.8011542	1.697547	1.401487	1.720783	.2722700	160.3794
#3	.8040408	1.702760	1.399302	1.713932	.2711679	160.3280

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.554858	.1790331	.2900704	538.6972	.7264017	.3893621
Stddev	.005526	.0004949	.0005110	2.0152	.0021651	.0010338
%RSD	.3554064	.2764238	.1761503	.3740821	.2980528	.2655199
#1	1.561044	.1788916	.2899046	540.9773	.7287104	.3900363
#2	1.553123	.1795833	.2906436	537.9594	.7260778	.3898780
#3	1.550409	.1786243	.2896629	537.1549	.7244168	.3881718

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.276815	326.2914	6.385596	168.6252	.9158795	.0665914
Stddev	.001855	.1580	.007935	.6615	.0021781	.0001080
%RSD	.1452843	.0484081	.1242618	.3923091	.2378137	.1622279
#1	1.277729	326.1685	6.379060	167.8735	.9158710	.0664700
#2	1.278035	326.2363	6.394424	169.1188	.9180618	.0666275
#3	1.274680	326.4696	6.383303	168.8833	.9137057	.0666768

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.10376	.9137832	5.548624	28.09377	.6211049	.3690474
Stddev	.10024	.0050568	.020858	.12529	.0035105	.0003213
%RSD	.7649650	.5533872	.3759181	.4459747	.5652038	.0870563
#1	13.21898	.9082922	5.572591	28.23583	.6228738	.3688295
#2	13.03661	.9148091	5.538703	27.99904	.6170619	.3694164
#3	13.05569	.9182484	5.534579	28.04643	.6233791	.3688964

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2238-01MS Acquired: 6/10/2025 18:15:41 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6784396	11.12378	F 21.42458	15.47994	11.98901	.5581889
Stddev	.0021401	.01443	.07437	.04705	.02442	.0014682
%RSD	.3154484	.1296953	.3471379	.3039195	.2037150	.2630198
#1	.6772624	11.11925	21.34537	15.43806	11.97298	.5571413
#2	.6809099	11.13993	21.43546	15.53085	12.01712	.5598670
#3	.6771465	11.11216	21.49292	15.47091	11.97693	.5575583

Elem	Sr4077
Units	ppm
Avg	1.416659
Stddev	.008792
%RSD	.6206414
#1	1.406599
#2	1.420512
#3	1.422868

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3107.371	76005.92	13260.26	2315.619	3517.048
Stddev	5.887	132.52	15.33	12.934	7.362
%RSD	.1894412	.1743570	.1156326	.5585334	.2093234
#1	3111.943	75852.93	13272.05	2300.752	3523.892
#2	3109.441	76079.88	13242.93	2324.280	3517.993
#3	3100.729	76084.96	13265.80	2321.825	3509.259

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2238-01MSD Acquired: 6/10/2025 18:19:56 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.8073139**	**1.848372**	**1.168053**	**1.862411**	**.4182610**	**84.11262**
Stddev	.0034362	.016216	.005834	.002056	.0016976	.96285
%RSD	.4256337	.8772906	.4994351	.1104011	.4058804	1.144711
#1	.8110884	1.834741	1.172749	1.864366	.4163826	84.91420
#2	.8043671	1.844070	1.169888	1.860267	.4187148	84.37905
#3	.8064863	1.866304	1.161523	1.862599	.4196857	83.04461

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.9293252**	**.1935537**	**.2335883**	**266.1481**	**.5606377**	**.2820354**
Stddev	.0054423	.0012451	.0016467	2.6019	.0011972	.0034492
%RSD	.5856221	.6432857	.7049769	.9775949	.2135473	1.222970
#1	.9334253	.1921537	.2354895	267.9346	.5616323	.2860013
#2	.9313997	.1939705	.2326609	267.3468	.5593089	.2803692
#3	.9231507	.1945370	.2326142	263.1630	.5609720	.2797356

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.8235321**	**177.7480**	**3.505247**	**94.04330**	**.6864350**	**.0739329**
Stddev	.0139633	1.8411	.025628	.97043	.0070878	.0003343
%RSD	1.695535	1.035812	.7311263	1.031894	1.032545	.4521977
#1	.8378183	179.5894	3.522488	94.50137	.6943810	.0735898
#2	.8228623	177.7475	3.517456	94.69989	.6841597	.0742577
#3	.8099158	175.9071	3.475797	92.92862	.6807644	.0739512

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**7.669898**	**.6182762**	**3.097503**	**18.27748**	**.4602084**	**.3923263**
Stddev	.047807	.0042467	.031003	.05321	.0020987	.0008112
%RSD	.6233013	.6868598	1.000887	.2911226	.4560313	.2067652
#1	7.722675	.6218443	3.129012	18.33856	.4602908	.3916717
#2	7.657524	.6194053	3.096464	18.24119	.4580697	.3920734
#3	7.629494	.6135791	3.067034	18.25268	.4622646	.3932338

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2238-01MSD Acquired: 6/10/2025 18:19:56 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6866872	6.140278	F 15.71721	10.06971	4.945829	.3666105
Stddev	.0033442	.054194	.07792	.12980	.162788	.0006306
%RSD	.4870039	.8825905	.4957470	1.289043	3.291425	.1720020
#1	.6857756	6.184001	15.80166	10.20792	5.112051	.3667261
#2	.6838934	6.157187	15.70188	10.05080	4.938729	.3659302
#3	.6903927	6.079646	15.64811	9.95039	4.786707	.3671754

Elem	Sr4077
Units	ppm
Avg	.7565638
Stddev	.0061280
%RSD	.8099821
#1	.7612389
#2	.7588263
#3	.7496262

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3106.427	73453.52	12321.19	2311.202	3875.307
Stddev	8.639	126.52	32.14	7.453	21.687
%RSD	.2781020	.1722486	.2608170	.3224557	.5596146
#1	3098.938	73307.79	12349.73	2305.178	3851.313
#2	3104.464	73535.29	12286.38	2308.893	3881.096
#3	3115.878	73517.49	12327.45	2319.536	3893.512

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2238-01A Acquired: 6/10/2025 18:23:53 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7923342	1.735103	1.377652	1.743205	.7655505	137.1751
Stddev	.0021952	.015238	.001049	.002256	.0031744	.2859
%RSD	.2770530	.8781931	.0761077	.1293994	.4146554	.2083840
#1	.7918572	1.727849	1.376526	1.741904	.7619161	136.8503
#2	.7904167	1.724849	1.377828	1.741901	.7669552	137.2868
#3	.7947286	1.752613	1.378601	1.745809	.7677803	137.3882

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.485712	.1730468	.2833314	358.5800	.5982290	.3738718
Stddev	.004962	.0004905	.0013088	.7026	.0008963	.0010186
%RSD	.3339735	.2834293	.4619132	.1959315	.1498291	.2724509
#1	1.482015	.1729110	.2839561	357.9630	.5981821	.3747040
#2	1.491351	.1726386	.2818273	358.4325	.5973571	.3727358
#3	1.483771	.1735909	.2842107	359.3447	.5991479	.3741755

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.171469	355.3484	5.812586	127.4155	.8850776	.0690173
Stddev	.005875	.3912	.008612	.2027	.0040475	.0003786
%RSD	.2705426	.1100776	.1481694	.1591181	.4573102	.5485519
#1	2.177199	355.6267	5.802968	127.2628	.8885009	.0686471
#2	2.165460	355.5174	5.819584	127.3383	.8806104	.0694038
#3	2.171748	354.9012	5.815207	127.6456	.8861216	.0690012

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.26213	.8538691	7.569401	26.37279	.5233022	.3812751
Stddev	.06528	.0039999	.010058	.10642	.0045338	.0014134
%RSD	.5796859	.4684399	.1328755	.4035264	.8663901	.3706950
#1	11.24142	.8497401	7.580755	26.32503	.5265243	.3822134
#2	11.33526	.8541411	7.561608	26.49473	.5181177	.3796496
#3	11.20971	.8577259	7.565840	26.29863	.5252645	.3819624

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2238-01A Acquired: 6/10/2025 18:23:53 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7190268	10.12362	F 14.62908	14.44877	11.31397	.5130031
Stddev	.0012153	.01196	.02905	.07610	.05099	.0018694
%RSD	.1690203	.1181533	.1986021	.5266893	.4506914	.3643931
#1	.7204297	10.10994	14.61018	14.48070	11.32421	.5112110
#2	.7182931	10.12881	14.66253	14.36191	11.25864	.5149412
#3	.7183578	10.13211	14.61453	14.50371	11.35907	.5128570

Elem	Sr4077
Units	ppm
Avg	1.022061
Stddev	.002588
%RSD	.2531738
#1	1.019595
#2	1.021832
#3	1.024755

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3170.515	75958.77	13568.55	2344.278	3667.585
Stddev	6.626	91.89	19.03	6.173	11.474
%RSD	.2089942	.1209692	.1402275	.2633271	.3128391
#1	3166.582	75995.62	13586.06	2337.158	3661.649
#2	3178.165	75854.18	13571.29	2347.550	3680.811
#3	3166.798	76026.52	13548.30	2348.128	3660.296

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: CCV04 Acquired: 6/10/2025 18:28:05 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCV04 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**5.198455**	**5.110007**	**5.159216**	**5.223855**	**5.129640**	**9.913589**	**10.26272**
Stddev	.024017	.054561	.006929	.020700	.018258	.016858	.12196
%RSD	.4620113	1.067724	.1342988	.3962517	.3559278	.1700451	1.188424
#1	5.205494	5.163104	5.166077	5.236004	5.146398	9.932900	10.40270
#2	5.171704	5.054092	5.152222	5.199954	5.110183	9.906053	10.20612
#3	5.218165	5.112826	5.159348	5.235607	5.132340	9.901814	10.17933

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2464002**	**2.582618**	**25.15167**	**1.046386**	**2.558487**	**1.285909**	**5.417530**
Stddev	.0017157	.003761	.02510	.009889	.004142	.002159	.009227
%RSD	.6962884	.1456185	.0997930	.9450909	.1619001	.1679177	.1703230
#1	.2483624	2.585694	25.17394	1.057372	2.562658	1.287253	5.427871
#2	.2456551	2.578425	25.15658	1.043590	2.554374	1.283418	5.410137
#3	.2451831	2.583735	25.12447	1.038196	2.558429	1.287054	5.414581

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.509277**	**24.78770**	**2.570272**	**1.292883**	**25.95961**	**2.547242**	**2.535249**
Stddev	.005015	.01801	.004946	.006852	.15615	.007047	.010009
%RSD	.1998391	.0726522	.1924244	.5300106	.6015279	.2766594	.3947849
#1	2.515060	24.77774	2.575968	1.300787	26.13938	2.551944	2.545839
#2	2.506637	24.77687	2.567066	1.289260	25.88178	2.550644	2.525946
#3	2.506134	24.80849	2.567781	1.288603	25.85767	2.539140	2.533962

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**25.91660**	**4.826073**	**5.151693**	**5.185708**	**5.085742**	**5.438056**	**5.300399**
Stddev	.10059	.015623	.014214	.008423	.005429	.003901	.006239
%RSD	.3881212	.3237235	.2759183	.1624324	.1067454	.0717326	.1177003
#1	26.02151	4.844028	5.161853	5.194878	5.091332	5.442552	5.307563
#2	25.90731	4.818606	5.135449	5.178315	5.085403	5.435569	5.297472
#3	25.82098	4.815583	5.157777	5.183932	5.080490	5.436047	5.296162

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: CCV04 Acquired: 6/10/2025 18:28:05 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCV04 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.138392	4.792990	5.099050
Stddev	.007304	.023063	.027175
%RSD	.1421466	.4811772	.5329498
#1	5.143010	4.818710	5.128698
#2	5.129971	4.786108	5.093131
#3	5.142196	4.774151	5.075323

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3193.595	72970.05	12395.68	2362.356	4238.684
Stddev	5.611	311.59	31.14	4.798	4.257
%RSD	.1757065	.4270154	.2511998	.2031001	.1004346
#1	3190.833	72616.39	12360.30	2363.848	4235.923
#2	3200.052	73089.58	12407.83	2366.232	4243.586
#3	3189.900	73204.18	12418.91	2356.990	4236.542

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: CCB04 Acquired: 6/10/2025 18:32:17 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCB04 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0002698**	**.0004101**	**.0001316**	**-.002264**	**.0023777**	**.0013929**	**-.001594**
Stddev	.0014921	.0009268	.0015559	.003148	.0019017	.0023945	.000264
%RSD	553.0150	225.9807	1181.946	139.0155	79.98127	171.9065	16.53009
#1	.0017645	.0007778	-.000009	.000304	.0044887	-.001104	-.001804
#2	-.001220	.0010967	-.001349	-.001321	.0007985	.003670	-.001681
#3	.000265	-.000644	.001753	-.005775	.0018459	.001613	-.001298

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0000184**	**.0000938**	**.0087960**	**.0003128**	**.0001720**	**.0001990**	**.0055781**
Stddev	.0000607	.0000872	.0049420	.0002301	.0000967	.0001670	.0033616
%RSD	329.4802	92.96290	56.18452	73.57908	56.21025	83.91768	60.26407
#1	.0000303	.0001917	.0096504	.0004295	.0000701	.0000065	.0017262
#2	.0000724	.0000242	.0034825	.0000477	.0002625	.0002853	.0079195
#3	-.000047	.0000657	.0132550	.0004612	.0001834	.0003053	.0070887

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0000091**	**.0027330**	**.0000281**	**.0000592**	**-.062034**	**.0005790**	**-.000012**
Stddev	.0001910	.0059533	.0001648	.0002606	.010278	.0010222	.000147
%RSD	2095.193	217.8351	586.2203	440.4420	16.56887	176.5438	1185.893
#1	.0001803	-.004121	.0000886	-.000099	-.068649	.0002079	-.000182
#2	-.000197	.006622	-.000158	.000360	-.067261	.0017349	.000065
#3	.000044	.005697	.000154	-.000084	-.050193	-.000206	.000080

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.012171**	**.0062423**	**.0006740**	**.0003423**	**.0002528**	**.0143992**	**-.001240**
Stddev	.010866	.0003849	.0001334	.0004701	.0006214	.0010036	.001127
%RSD	89.27921	6.166245	19.78991	137.3416	245.8602	6.969818	90.89896
#1	-.022210	.0064834	.0007042	.0007631	-.000390	.0148089	-.001958
#2	-.013670	.0064452	.0005281	-.000165	.000297	.0132556	.000059
#3	-.000633	.0057984	.0007897	.000429	.000851	.0151332	-.001821

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: CCB04 Acquired: 6/10/2025 18:32:17 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCB04 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0033983	-.000894	.0001566
Stddev	.0023347	.000746	.0000120
%RSD	68.70292	83.47607	7.648586
#1	.0060252	-.001340	.0001429
#2	.0026097	-.001310	.0001650
#3	.0015600	-.000032	.0001618

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3375.991	76634.58	12654.50	2485.587	4798.860
Stddev	24.333	155.84	40.73	15.406	20.860
%RSD	.7207607	.2033579	.3218451	.6198166	.4346847
#1	3353.873	76483.26	12652.65	2467.835	4783.778
#2	3402.056	76625.90	12696.13	2493.455	4822.666
#3	3372.045	76794.58	12614.73	2495.470	4790.137

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: PB168309BL Acquired: 6/10/2025 18:36:37 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0000014**	**-.000409**	**-.000567**	**-.000998**	**.0008699**	**.0067801**
Stddev	.0005689	.002192	.001506	.003495	.0007512	.0030380
%RSD	41341.85	535.7071	265.4451	350.3883	86.35924	44.80726
#1	.0001067	.001587	.001122	-.004415	.0015413	.0099963
#2	-.000613	-.000059	-.001771	.002570	.0010098	.0063848
#3	.000510	-.002755	-.001053	-.001147	.0000585	.0039591

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.001166**	**.0000361**	**.0000473**	**.0014962**	**.0001279**	**.0000956**
Stddev	.000588	.0000285	.0000798	.0058885	.0002791	.0000413
%RSD	50.46289	78.89522	168.8703	393.5649	218.2690	43.20325
#1	-.000696	.0000541	.0000226	.0034122	.0003887	.0000904
#2	-.000976	.0000508	-.000017	.0061881	-.000166	.0001393
#3	-.001826	.0000033	.000136	-.005112	.000161	.0000572

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0006981**	F **.4454135**	**.0007367**	**-.013613**	**-.000168**	**-.000129**
Stddev	.0004407	.0040740	.0002588	.013742	.000085	.000137
%RSD	63.13640	.9146458	35.12958	100.9469	50.42701	106.7863
#1	.0011724	.4500809	.0008753	-.019291	-.000259	-.000223
#2	.0003013	.4425715	.0008968	.002058	-.000153	.000029
#3	.0006205	.4435881	.0004382	-.023608	-.000092	-.000193

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.084944**	**-.001085**	**.0028908**	**-.012902**	**.0032257**	**.0001347**
Stddev	.006318	.000946	.0002689	.026167	.0004612	.0001731
%RSD	7.438356	87.18000	9.302293	202.8237	14.29674	128.5184
#1	-.087471	-.000258	.0026620	-.043046	.0028247	.0003023
#2	-.077753	-.000880	.0028234	.000377	.0037296	-.000043
#3	-.089607	-.002117	.0031870	.003964	.0031228	.000145

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: PB168309BL Acquired: 6/10/2025 18:36:37 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.001706**	**.0003530**	**.0021456**	**-.000397**	**.0042969**	**-.002309**
Stddev	.000471	.0005193	.0024179	.003086	.0012259	.000352
%RSD	27.60142	147.1073	112.6900	776.8236	28.53044	15.23133
#1	-.001402	-.000177	.0026612	-.003956	.0028855	-.001903
#2	-.001467	.000860	.0042641	.001218	.0049090	-.002509
#3	-.002248	.000376	-.000489	.001546	.0050964	-.002515

Elem	Sr4077
Units	ppm
Avg	**-.000338**
Stddev	.000026
%RSD	7.584140
#1	-.000351
#2	-.000309
#3	-.000356

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3353.559**	**77522.88**	**12436.85**	**2518.191**	**4795.733**
Stddev	8.530	320.51	23.52	8.764	3.594
%RSD	.2543626	.4134404	.1891536	.3480243	.0749345
#1	3344.417	77585.52	12464.01	2517.753	4792.248
#2	3361.306	77175.68	12423.29	2509.655	4799.427
#3	3354.953	77807.45	12423.25	2527.166	4795.523

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: PB168309BS Acquired: 6/10/2025 18:40:57 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.8823206**	**2.255999**	**1.099633**	**2.228571**	**.9169879**	**2.163830**
Stddev	.0048752	.011026	.001977	.004086	.0020446	.005057
%RSD	.5525480	.4887343	.1797887	.1833589	.2229750	.2336832
#1	.8780548	2.268016	1.099324	2.225032	.9146270	2.167768
#2	.8812722	2.246349	1.097829	2.227639	.9181568	2.165595
#3	.8876348	2.253632	1.101747	2.233043	.9181799	2.158128

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2199167**	**.2226656**	**.2216258**	**1.124868**	**.4598787**	**.2233526**
Stddev	.0011045	.0016619	.0007827	.012129	.0022596	.0010847
%RSD	.5022226	.7463536	.3531485	1.078271	.4913443	.4856380
#1	.2190796	.2209571	.2210465	1.114710	.4572845	.2225310
#2	.2211685	.2242766	.2213147	1.138297	.4614170	.2229446
#3	.2195020	.2227632	.2225162	1.121598	.4609347	.2245821

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3505893**	**3.469879**	**.2264087**	**2.147283**	**.5591174**	**.0847275**
Stddev	.0002162	.020999	.0013621	.018428	.0017194	.0007629
%RSD	.0616626	.6051711	.6015882	.8582092	.3075279	.9004045
#1	.3503942	3.445889	.2257622	2.126444	.5577861	.0842814
#2	.3508217	3.484925	.2279737	2.153973	.5585073	.0842928
#3	.3505521	3.478822	.2254904	2.161432	.5610587	.0856084

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**3.063524**	**.3366969**	**.2330071**	**10.58947**	**.3277219**	**.4685115**
Stddev	.003797	.0016403	.0004815	.02408	.0018368	.0008746
%RSD	.1239331	.4871673	.2066261	.2273918	.5604787	.1866747
#1	3.059984	.3348160	.2331992	10.56923	.3262047	.4680713
#2	3.067534	.3378305	.2324593	10.58307	.3297641	.4679444
#3	3.063053	.3374441	.2333629	10.61610	.3271970	.4695187

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: PB168309BS Acquired: 6/10/2025 18:40:57 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.7836128**	**.2238890**	**.9968969**	**6.393225**	F **-.000032**	**.1922964**
Stddev	.0029768	.0007186	.0043821	.018723	.001872	.0023549
%RSD	.3798840	.3209602	.4395727	.2928516	5886.197	1.224625
#1	.7803711	.2232877	.9918935	6.390547	-.001749	.1906616
#2	.7842436	.2246848	1.000052	6.375985	-.000311	.1949956
#3	.7862236	.2236946	.998745	6.413142	.001964	.1912321

Elem	Sr4077
Units	ppm
Avg	**.2228697**
Stddev	.0006937
%RSD	.3112619
#1	.2220704
#2	.2233149
#3	.2232237

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3342.540**	**76845.81**	**12520.03**	**2497.312**	**4696.144**
Stddev	4.541	219.24	49.26	8.291	4.700
%RSD	.1358593	.2852926	.3934401	.3320057	.1000774
#1	3346.157	77007.61	12575.03	2493.381	4701.284
#2	3337.444	76933.51	12479.97	2506.838	4695.083
#3	3344.018	76596.30	12505.08	2491.718	4692.065

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: PB168284BL Acquired: 6/10/2025 18:44:57 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019469	-.000552	-.001356	-.002896	.0010508	-.001893	-.002462
Stddev	.0026237	.000653	.001050	.000899	.0014148	.003961	.000662
%RSD	134.7667	118.1771	77.47690	31.05147	134.6446	209.2022	26.90666
#1	.0015994	-.000009	-.002258	-.003081	.0002684	.001192	-.003121
#2	-.000486	-.000372	-.001606	-.003688	.0001999	-.006360	-.002467
#3	.004727	-.001276	-.000203	-.001918	.0026840	-.000512	-.001797

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000318	.0000373	-.009284	-.000209	-.000056	.0002406	-.003640
Stddev	.0000307	.0000483	.009328	.000167	.000287	.0001457	.000459
%RSD	96.49243	129.3872	100.4789	79.84029	511.4653	60.57448	12.59788
#1	.0000661	.0000635	-.006996	-.000016	-.000063	.0003470	-.003115
#2	.0000069	-.000018	-.001312	-.000307	-.000340	.0000745	-.003960
#3	.0000225	.000067	-.019544	-.000303	.000234	.0003004	-.003846

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004840	-.016047	-.000106	.0001199	-.105929	-.000490	.0004052
Stddev	.0004717	.002318	.000161	.0001691	.006322	.001121	.0001626
%RSD	97.46129	14.44416	153.0038	141.0802	5.968350	229.0126	40.12965
#1	.0008839	-.013387	-.000023	-.000020	-.098889	.000598	.0004771
#2	.0006043	-.017121	-.000291	.000071	-.107773	-.000425	.0005195
#3	-.000036	-.017633	-.000002	.000308	-.111124	-.001641	.0002191

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.037995	.0015493	-.000027	-.001840	-.000432	.0033399	-.001113
Stddev	.007503	.0003008	.000068	.000672	.000709	.0035173	.000823
%RSD	19.74656	19.41351	252.1231	36.49595	164.1594	105.3130	73.91107
#1	-.042599	.0012796	.000048	-.001557	.000262	.0001571	-.000586
#2	-.029338	.0018736	-.000086	-.002607	-.001155	.0027464	-.000692
#3	-.042049	.0014947	-.000042	-.001357	-.000403	.0071161	-.002061

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: PB168284BL Acquired: 6/10/2025 18:44:57 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0003922	-.001987	.0000272
Stddev	.0037541	.002214	.0000229
%RSD	957.2502	111.4403	84.23560
#1	-.003921	-.003652	.0000267
#2	.002170	.000526	.0000504
#3	.002927	-.002834	.0000046

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3338.895	79360.93	12141.49	2536.794	4790.579
Stddev	6.248	79.36	25.89	12.009	3.120
%RSD	.1871174	.1000037	.2132503	.4734010	.0651232
#1	3345.743	79271.86	12171.27	2526.615	4791.260
#2	3333.505	79386.80	12128.90	2533.727	4787.175
#3	3337.439	79424.13	12124.30	2550.039	4793.302

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: PB168284BS Acquired: 6/10/2025 18:49:16 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.8666307**	**2.216438**	**1.091179**	**2.182449**	**.8785968**	**2.105751**
Stddev	.0009058	.026579	.000674	.015651	.0035938	.004164
%RSD	.1045199	1.199167	.0617743	.7171184	.4090335	.1977673
#1	.8658717	2.186894	1.091766	2.172480	.8781156	2.101742
#2	.8676334	2.224011	1.091328	2.174380	.8752678	2.105456
#3	.8663869	2.238408	1.090443	2.200488	.8824069	2.110056

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2129068**	**.2216515**	**.2213709**	**1.116353**	**.4493476**	**.2200444**
Stddev	.0004394	.0017096	.0004125	.023988	.0008691	.0005137
%RSD	.2063791	.7713167	.1863537	2.148787	.1934188	.2334360
#1	.2133394	.2233756	.2217883	1.131130	.4503117	.2195916
#2	.2129202	.2199567	.2209635	1.129253	.4486242	.2199389
#3	.2124609	.2216223	.2213608	1.088675	.4491069	.2206025

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3405912**	**3.346536**	**.2220880**	**2.131327**	**.5544084**	**.0831153**
Stddev	.0018388	.053814	.0028698	.033227	.0007321	.0002433
%RSD	.5398784	1.608038	1.292192	1.559005	.1320586	.2927440
#1	.3385325	3.363452	.2244096	2.157689	.5540227	.0830520
#2	.3411709	3.389859	.2229749	2.142288	.5539497	.0833840
#3	.3420703	3.286297	.2188794	2.094003	.5552527	.0829099

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.933002**	**.3257667**	**.2286785**	**10.17729**	**.3231691**	**.4488149**
Stddev	.047755	.0035908	.0004214	.07349	.0025599	.0015127
%RSD	1.628205	1.102245	.1842683	.7221214	.7921181	.3370441
#1	2.878247	.3286455	.2282170	10.09422	.3260476	.4474123
#2	2.954731	.3269114	.2287759	10.23385	.3211480	.4486145
#3	2.966029	.3217431	.2290427	10.20380	.3223116	.4504178

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: PB168284BS Acquired: 6/10/2025 18:49:16 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.7730718**	**.2163395**	**.9493330**	**6.379228**	F **-.000522**	**.1841717**
Stddev	.0015175	.0009171	.0149721	.019234	.000618	.0030050
%RSD	.1962913	.4239378	1.577119	.3015148	118.4196	1.631643
#1	.7720217	.2173287	.9559638	6.361433	.000188	.1813047
#2	.7748116	.2155175	.9598447	6.376617	-.000939	.1839125
#3	.7723821	.2161723	.9321905	6.399635	-.000815	.1872979

Elem	Sr4077
Units	ppm
Avg	**.2157308**
Stddev	.0014731
%RSD	.6828608
#1	.2146841
#2	.2150930
#3	.2174154

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3429.877**	**77268.89**	**12475.90**	**2512.423**	**4740.573**
Stddev	21.915	481.61	9.20	33.180	22.524
%RSD	.6389500	.6232878	.0737332	1.320621	.4751395
#1	3453.803	77668.68	12474.77	2537.184	4766.207
#2	3425.051	76734.23	12467.31	2474.723	4731.565
#3	3410.776	77403.77	12485.61	2525.360	4723.947

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: PB168310BL Acquired: 6/10/2025 18:53:15 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000694**	**.0009597**	**-.000557**	**.0019813**	**.0010999**	**-.000578**	**-.001868**
Stddev	.001185	.0006284	.002244	.0019748	.0009146	.002572	.000382
%RSD	170.6101	65.48136	403.2234	99.67119	83.15322	445.1412	20.44681
#1	-.001781	.0003416	-.003110	-.000296	.0013075	.001845	-.002291
#2	.000569	.0015979	.000336	.003016	.0000994	-.003277	-.001548
#3	-.000871	.0009395	.001104	.003224	.0018929	-.000302	-.001764

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000008**	**.0000328**	**-.021658**	**-.000597**	**-.000255**	**.0001385**	**-.004774**
Stddev	.000023	.0000767	.003210	.000336	.000122	.0001424	.002503
%RSD	305.0912	233.8815	14.81985	56.23346	47.86892	102.7942	52.44448
#1	.000019	.0000525	-.019450	-.000447	-.000390	.0000528	-.002046
#2	-.000018	-.000052	-.020184	-.000363	-.000224	.0003029	-.006967
#3	-.000023	.000098	-.025340	-.000982	-.000152	.0000599	-.005308

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000200**	**-.029766**	**-.000501**	**.0001026**	**-.113319**	**-.001188**	**-.000317**
Stddev	.000062	.010144	.000237	.0003306	.012950	.000322	.000375
%RSD	30.93867	34.07773	47.19824	322.2908	11.42788	27.14009	118.5501
#1	-.000129	-.037377	-.000230	.0000612	-.125638	-.001518	-.000103
#2	-.000226	-.033670	-.000667	-.000205	-.099819	-.000874	-.000097
#3	-.000244	-.018250	-.000606	.000452	-.114498	-.001171	-.000750

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.049524**	**.0009491**	**-.000148**	**-.002231**	**-.000428**	**-.007569**	**-.001378**
Stddev	.027278	.0004643	.000304	.000516	.000190	.004689	.002087
%RSD	55.08118	48.92146	204.9422	23.10693	44.35112	61.94699	151.4082
#1	-.025248	.0012705	.000189	-.002669	-.000379	-.011969	-.000327
#2	-.079043	.0011599	-.000400	-.001663	-.000267	-.002637	-.003782
#3	-.044281	.0004168	-.000234	-.002362	-.000637	-.008102	-.000026

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: PB168310BL Acquired: 6/10/2025 18:53:15 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000976	-.003053	-.000010
Stddev	.000703	.002092	.000053
%RSD	72.01447	68.52523	545.6365
#1	-.000709	-.002219	-.000010
#2	-.000446	-.005434	-.000063
#3	-.001774	-.001507	.000044

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3405.560	81167.74	12319.29	2572.835	4920.034
Stddev	20.082	31.75	26.40	10.527	16.856
%RSD	.5896864	.0391134	.2143115	.4091471	.3426044
#1	3417.817	81188.43	12344.91	2564.367	4929.169
#2	3382.384	81131.19	12320.78	2569.517	4900.582
#3	3416.479	81183.62	12292.17	2584.621	4930.352

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: PB168310BS Acquired: 6/10/2025 18:57:36 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.8267264**	**2.126413**	**1.037651**	**2.075248**	**.8251942**	**2.029528**
Stddev	.0038412	.018011	.007876	.005679	.0048637	.001719
%RSD	.4646238	.8470048	.7589906	.2736467	.5893996	.0846926
#1	.8237085	2.143673	1.043592	2.070025	.8215302	2.029063
#2	.8254204	2.127829	1.040643	2.074425	.8233402	2.028090
#3	.8310503	2.107735	1.028717	2.081293	.8307123	2.031432

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1999828**	**.2215629**	**.2106164**	**1.054022**	**.4349324**	**.2097144**
Stddev	.0001513	.0008293	.0021762	.004933	.0006804	.0011567
%RSD	.0756739	.3743191	1.033272	.4680557	.1564445	.5515604
#1	.1998232	.2212424	.2123305	1.053008	.4341719	.2109826
#2	.2001242	.2209416	.2113507	1.049674	.4354836	.2094430
#3	.2000009	.2225047	.2081680	1.059383	.4351417	.2087174

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3243109**	**3.107130**	**.2112525**	**2.031910**	**.5275891**	**.0796535**
Stddev	.0017501	.004472	.0001473	.003834	.0030308	.0006191
%RSD	.5396245	.1439371	.0697197	.1886878	.5744616	.7772476
#1	.3230450	3.104145	.2111174	2.030973	.5301442	.0789808
#2	.3235797	3.112272	.2112304	2.028631	.5283825	.0797806
#3	.3263079	3.104972	.2114095	2.036125	.5242405	.0801993

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.679789**	**.3107606**	**.2221208**	**9.555733**	**.3202681**	**.4206134**
Stddev	.022100	.0021253	.0006338	.058551	.0023020	.0009905
%RSD	.8246823	.6839096	.2853306	.6127331	.7187566	.2354885
#1	2.658099	.3131216	.2224687	9.576807	.3192445	.4200185
#2	2.702277	.3090001	.2213893	9.600830	.3186555	.4200649
#3	2.678990	.3101602	.2225044	9.489562	.3229044	.4217569

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: PB168310BS Acquired: 6/10/2025 18:57:36 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7224158	.2029592	.8796480	6.112972	F .0009352	.1742438
Stddev	.0049838	.0021638	.0068513	.039539	.0020043	.0020495
%RSD	.6898856	1.066118	.7788715	.6468117	214.3071	1.176233
#1	.7254287	.2012785	.8862701	6.144331	-.001326	.1720770
#2	.7251556	.2021985	.8800854	6.126031	.001640	.1745031
#3	.7166631	.2054006	.8725884	6.068556	.002492	.1761513

Elem	Sr4077
Units	ppm
Avg	.2049240
Stddev	.0002808
%RSD	.1369996
#1	.2050885
#2	.2045998
#3	.2050837

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3433.480	76475.91	12011.17	2507.774	4752.087
Stddev	54.089	223.03	18.64	16.985	42.921
%RSD	1.575354	.2916386	.1551747	.6772827	.9032081
#1	3468.934	76540.92	12015.66	2498.701	4775.602
#2	3460.284	76227.60	12027.14	2497.253	4778.112
#3	3371.223	76659.22	11990.69	2527.369	4702.547

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2246-01 Acquired: 6/10/2025 19:01:36 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0244527	-.003371	.0647082	-.016205	-.001768	25.34923	.1432387
Stddev	.0017150	.002585	.0005378	.004951	.000729	.08894	.0011695
%RSD	7.013470	76.68957	.8311099	30.55412	41.20583	.3508472	.8164440
#1	.0231790	-.004668	.0644752	-.011587	-.002542	25.41375	.1441988
#2	.0264027	-.005051	.0653232	-.015594	-.001095	25.38617	.1435810
#3	.0237762	-.000394	.0643262	-.021433	-.001668	25.24778	.1419362

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0021020	.0011179	48.98143	.0874628	.0098743	.0401701	80.16552
Stddev	.0000332	.0001189	.05342	.0003632	.0001132	.0004648	.28827
%RSD	1.578783	10.63780	.1090645	.4152380	1.146711	1.157081	.3595933
#1	.0021383	.0012482	49.00844	.0872752	.0097775	.0401221	79.84145
#2	.0020733	.0010151	49.01596	.0872318	.0099988	.0397312	80.39340
#3	.0020945	.0010905	48.91990	.0878814	.0098466	.0406570	80.26170

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3059746	5.085709	.0171026	-.000621	.5836812	.1082573	.0872514
Stddev	.0012519	.015436	.0001554	.000127	.0077124	.0016902	.0004729
%RSD	.4091340	.3035257	.9084203	20.51717	1.321331	1.561296	.5419782
#1	.3053324	5.083908	.0170190	-.000477	.5911987	.1094344	.0873069
#2	.3074172	5.101966	.0172819	-.000719	.5757878	.1090170	.0876940
#3	.3051741	5.071251	.0170070	-.000668	.5840572	.1063206	.0867532

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.038200	-.036447	.0052133	.0057952	.8022063	4.936129	1.000639
Stddev	.020878	.001383	.0002482	.0003959	.0041869	.030820	.001262
%RSD	1.024352	3.795571	4.761005	6.832107	.5219269	.6243666	.1261288
#1	2.014417	-.036634	.0054791	.0054814	.8034462	4.904399	1.000724
#2	2.046671	-.037728	.0049875	.0056642	.8056332	4.965949	.999337
#3	2.053511	-.034980	.0051734	.0062400	.7975395	4.938040	1.001857

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2246-01 Acquired: 6/10/2025 19:01:36 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	**3.339427**	**.0477048**	**.1824270**
Stddev	.009187	.0005416	.0017346
%RSD	.2751013	1.135226	.9508496
#1	3.347571	.0471156	.1839339
#2	3.341242	.0481808	.1828163
#3	3.329468	.0478180	.1805309

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3288.656**	**76937.21**	**12444.89**	**2454.165**	**4465.379**
Stddev	10.919	403.19	40.52	13.845	15.319
%RSD	.3320327	.5240548	.3256180	.5641631	.3430528
#1	3276.795	77330.96	12438.64	2464.105	4449.497
#2	3298.291	76525.20	12407.86	2438.351	4480.065
#3	3290.881	76955.47	12488.18	2460.039	4466.576

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2259-03 Acquired: 6/10/2025 19:05:49 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0285310	-.014593	.0170512	-.123918	-.015611	140.3954	.2402879
Stddev	.0003061	.002956	.0015256	.006962	.002811	.3788	.0007087
%RSD	1.072844	20.25874	8.946991	5.618454	18.00723	.2698226	.2949403
#1	.0288707	-.017707	.0164366	-.116600	-.012671	140.7339	.2410805
#2	.0284459	-.011825	.0159287	-.130460	-.015890	139.9862	.2400681
#3	.0282765	-.014246	.0187881	-.124695	-.018272	140.4661	.2397151

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0063444	.0340240	129.2697	-.028825	.2984742	.7650415	473.5599
Stddev	.0001207	.0002519	.4064	.000089	.0004872	.0010898	.6186
%RSD	1.902349	.7404133	.3144081	.3075163	.1632346	.1424455	.1306332
#1	.0064819	.0343091	129.6371	-.028839	.2987185	.7644671	473.4291
#2	.0062562	.0339314	128.8331	-.028731	.2987910	.7662984	473.0171
#3	.0062951	.0338315	129.3389	-.028906	.2979132	.7643591	474.2334

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.717561	98.40070	.1493454	-.012631	19.57997	1.289382	.5644947
Stddev	.011726	.22887	.0007273	.000033	.01392	.004378	.0023597
%RSD	.3154218	.2325866	.4869814	.2586532	.0710775	.3395169	.4180259
#1	3.730791	98.43612	.1488387	-.012598	19.56503	1.293856	.5633907
#2	3.708449	98.15619	.1501788	-.012631	19.59257	1.285107	.5628894
#3	3.713444	98.60979	.1490188	-.012663	19.58229	1.289183	.5672041

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.789768	1.217307	.0027871	.0229756	5.554572	2.993553	9.938435
Stddev	.015634	.007980	.0001693	.0016255	.014519	.028579	.029575
%RSD	.8735163	.6555829	6.075125	7.075016	.2613965	.9546774	.2975782
#1	1.787166	1.223753	.0026734	.0234514	5.571191	2.980758	9.966692
#2	1.775598	1.208381	.0027062	.0211653	5.544343	3.026294	9.940916
#3	1.806539	1.219786	.0029817	.0243101	5.548184	2.973607	9.907699

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2259-03 Acquired: 6/10/2025 19:05:49 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	6.365864	.2910173	-.068982
Stddev	.017453	.0000857	.001285
%RSD	.2741700	.0294521	1.863153
#1	6.359704	.2909297	-.067674
#2	6.385562	.2911010	-.069028
#3	6.352326	.2910211	-.070244

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3627.633	85199.03	14577.37	2658.696	3910.815
Stddev	12.584	118.15	43.33	13.801	9.499
%RSD	.3468918	.1386778	.2972650	.5190742	.2428977
#1	3641.132	85206.16	14528.09	2655.155	3918.855
#2	3616.226	85313.46	14609.53	2673.922	3900.333
#3	3625.542	85077.48	14594.48	2647.011	3913.257

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2259-05 Acquired: 6/10/2025 19:10:02 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4017573**	**-.075077**	**.4790706**	**-.096908**	**-.003039**	**256.6682**
Stddev	.0030573	.002629	.0011709	.004769	.002196	.4154
%RSD	.7609794	3.501188	.2444188	4.921494	72.27018	.1618400
#1	.4015803	-.076031	.4786675	-.091837	-.003998	256.5493
#2	.4048993	-.077096	.4781545	-.101303	-.004593	256.3252
#3	.3987924	-.072105	.4803899	-.097583	-.000526	257.1300

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.701918**	**.0162587**	**.0444315**	**63.17671**	**.3269161**	**.2725856**
Stddev	.006977	.0001434	.0006624	.04342	.0006937	.0005056
%RSD	.4099752	.8817479	1.490807	.0687313	.2121914	.1854778
#1	1.697408	.0161637	.0451961	63.22638	.3276577	.2722864
#2	1.709955	.0161889	.0440666	63.15780	.3262831	.2731694
#3	1.698392	.0164236	.0440318	63.14595	.3268075	.2723012

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.7076689**	**391.4736**	**7.529725**	**88.37474**	**.4570540**	**-.008219**
Stddev	.0018005	1.7523	.013286	.27159	.0019726	.000741
%RSD	.2544230	.4476113	.1764451	.3073215	.4315928	9.015723
#1	.7093507	389.4692	7.518830	88.67600	.4563527	-.008939
#2	.7057695	392.7154	7.544526	88.29959	.4592814	-.007459
#3	.7078865	392.2360	7.525820	88.14864	.4555279	-.008260

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.842092**	**.5736163**	**1.315348**	**85.42708**	**-.203651**	**.0196638**
Stddev	.020073	.0025150	.005511	.13316	.008198	.0004210
%RSD	.7062845	.4384417	.4189630	.1558808	4.025418	2.140883
#1	2.821841	.5762193	1.314313	85.29263	-.212343	.0201119
#2	2.861983	.5711997	1.321303	85.55892	-.202552	.0192765
#3	2.842451	.5734297	1.310428	85.42968	-.196058	.0196031

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2259-05 Acquired: 6/10/2025 19:10:02 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0310023	15.79227	3.691422	F 18.34884	13.59304	.5843576
Stddev	.0005458	.01257	.012759	.08136	.05230	.0039080
%RSD	1.760545	.0796163	.3456283	.4434078	.3847707	.6687611
#1	.0305835	15.78603	3.705631	18.32846	13.56124	.5802816
#2	.0316196	15.80674	3.680947	18.43845	13.65340	.5880724
#3	.0308038	15.78402	3.687690	18.27961	13.56447	.5847188

Elem	Sr4077
Units	ppm
Avg	-.069265
Stddev	.001081
%RSD	1.560278
#1	-.068132
#2	-.069378
#3	-.070284

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3827.145	92113.63	15835.46	2837.971	3764.427
Stddev	30.586	94.22	20.29	6.982	20.833
%RSD	.7991873	.1022826	.1281342	.2460117	.5534276
#1	3795.505	92172.99	15858.31	2842.480	3741.435
#2	3856.555	92162.91	15819.55	2829.929	3782.051
#3	3829.376	92004.99	15828.52	2841.504	3769.795

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2259-06 Acquired: 6/10/2025 19:14:22 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4395023	-.070155	.4590271	-.098070	-.006402	251.9928	1.603931
Stddev	.0002342	.000665	.0013116	.003318	.001291	2.7694	.010225
%RSD	.0532858	.9475764	.2857324	3.382989	20.16792	1.098992	.6374733
#1	.4395190	-.069678	.4592593	-.100170	-.007892	254.2545	1.614133
#2	.4392602	-.070914	.4576149	-.099795	-.005649	252.8197	1.603975
#3	.4397277	-.069873	.4602071	-.094245	-.005663	248.9041	1.593684

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0163575	.0442987	51.05555	.3241163	.2578652	.7242082	376.7340
Stddev	.0003210	.0004299	.11334	.0018323	.0008852	.0014464	2.0145
%RSD	1.962458	.9705142	.2219973	.5653196	.3432653	.1997166	.5347251
#1	.0167265	.0441340	51.16322	.3259843	.2573303	.7243395	377.4965
#2	.0162031	.0447866	51.06614	.3240427	.2588869	.7255845	374.4496
#3	.0161428	.0439755	50.93728	.3223219	.2573784	.7227007	378.2559

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.577157	86.89693	.4447243	-.011252	2.433693	.5534643	1.223877
Stddev	.029914	.28048	.0017559	.001159	.010948	.0002277	.005872
%RSD	.4548232	.3227788	.3948185	10.30271	.4498444	.0411344	.4798215
#1	6.596590	87.22077	.4436307	-.011801	2.445726	.5532727	1.222499
#2	6.592171	86.73917	.4467496	-.012035	2.424322	.5537159	1.230316
#3	6.542709	86.73085	.4437925	-.009920	2.431030	.5534042	1.218817

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	78.08590	-.297504	.0216651	.0290596	15.37197	2.869621	17.00859
Stddev	.06262	.012569	.0004769	.0024844	.06458	.050426	.06673
%RSD	.0801994	4.224975	2.201083	8.549357	.4201086	1.757229	.3923404
#1	78.13241	-.301880	.0222003	.0288593	15.43860	2.838167	16.96702
#2	78.01470	-.307301	.0215097	.0316381	15.36766	2.842912	17.08556
#3	78.11060	-.283332	.0212853	.0266814	15.30965	2.927783	16.97319

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2259-06 Acquired: 6/10/2025 19:14:22 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	12.81181	.5676870	-.110145
Stddev	.04586	.0042325	.002862
%RSD	.3579223	.7455686	2.598535
#1	12.79987	.5718076	-.109655
#2	12.86245	.5679025	-.107561
#3	12.77310	.5633508	-.113221

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3873.015	92952.61	15343.48	2872.211	3808.992
Stddev	8.230	103.36	64.09	7.733	5.826
%RSD	.2125002	.1111956	.4177060	.2692481	.1529527
#1	3863.511	92921.89	15282.04	2879.088	3809.296
#2	3877.740	93067.85	15338.47	2863.839	3803.020
#3	3877.792	92868.10	15409.93	2873.707	3814.660

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: CCV05 Acquired: 6/10/2025 19:18:42 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCV05 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**5.165244**	**5.000360**	**5.092650**	**5.194087**	**5.118488**	**9.844503**	**10.18716**
Stddev	.004209	.025304	.005852	.008779	.009567	.020459	.10217
%RSD	.0814820	.5060434	.1149163	.1690286	.1869176	.2078265	1.002884
#1	5.164828	4.998578	5.099006	5.199672	5.128151	9.848926	10.23930
#2	5.169645	5.026508	5.091461	5.198621	5.109020	9.822194	10.06945
#3	5.161259	4.975994	5.087484	5.183967	5.118294	9.862389	10.25274

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2427783**	**2.545792**	**24.89201**	**1.032132**	**2.528967**	**1.272854**	**5.339670**
Stddev	.0010513	.006379	.06636	.002443	.004384	.001514	.049136
%RSD	.4330272	.2505511	.2666078	.2366919	.1733344	.1189340	.9202058
#1	.2421336	2.552329	24.81558	1.029311	2.533979	1.274598	5.321129
#2	.2422099	2.545463	24.92542	1.033566	2.527076	1.272091	5.395378
#3	.2439914	2.539584	24.93504	1.033519	2.525847	1.271874	5.302501

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.489352**	**24.44774**	**2.537320**	**1.260847**	**25.24566**	**2.542864**	**2.508574**
Stddev	.004137	.11106	.004952	.002905	.10268	.001344	.006963
%RSD	.1661907	.4542693	.1951765	.2303795	.4067075	.0528576	.2775652
#1	2.484666	24.33870	2.542591	1.258004	25.25597	2.543114	2.501123
#2	2.492499	24.44380	2.536602	1.263810	25.34279	2.544066	2.514916
#3	2.490893	24.56071	2.532765	1.260728	25.13822	2.541413	2.509684

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**25.17612**	**4.746884**	**5.135198**	**5.147499**	**5.084260**	**5.248713**	**5.220304**
Stddev	.06485	.013717	.010183	.008622	.001510	.014910	.003517
%RSD	.2575833	.2889681	.1983049	.1674991	.0297030	.2840788	.0673751
#1	25.17496	4.736046	5.144720	5.157339	5.082517	5.241599	5.222674
#2	25.24154	4.742300	5.136412	5.143886	5.085138	5.265848	5.221976
#3	25.11186	4.762306	5.124462	5.141271	5.085126	5.238692	5.216263

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: CCV05 Acquired: 6/10/2025 19:18:42 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCV05 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	**5.047670**	**4.753830**	**5.089800**
Stddev	.013622	.006920	.036578
%RSD	.2698741	.1455602	.7186562
#1	5.062500	4.757784	5.058957
#2	5.044796	4.757865	5.080233
#3	5.035714	4.745840	5.130211

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3215.458**	**76030.94**	**12648.42**	**2430.157**	**4274.124**
Stddev	2.235	94.14	36.13	7.641	2.207
%RSD	.0695106	.1238139	.2856425	.3144057	.0516291
#1	3213.288	76024.70	12651.84	2438.962	4273.228
#2	3217.753	75940.08	12682.71	2425.282	4276.638
#3	3215.332	76128.05	12610.70	2426.225	4272.507

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: CCB05 Acquired: 6/10/2025 19:22:53 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCB05 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000027**	**.0000862**	**-.001563**	**-.000564**	**.0035780**	**.0044817**	**-.002558**
Stddev	.001085	.0003267	.001699	.000387	.0013845	.0036377	.000288
%RSD	4056.807	378.8740	108.6771	68.55842	38.69472	81.16846	11.24338
#1	-.000463	.0002158	-.003521	-.000396	.0038662	.0078547	-.002629
#2	.001208	-.000285	-.000494	-.000290	.0020721	.0049631	-.002241
#3	-.000825	.000328	-.000674	-.001007	.0047958	.0006272	-.002803

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0000227**	**.0000890**	**-.003195**	**.0005581**	**.0001925**	**.0002153**	**.0044308**
Stddev	.0000384	.0000307	.006321	.0002730	.0000803	.0000715	.0021823
%RSD	169.4618	34.44244	197.8692	48.91762	41.70212	33.19407	49.25306
#1	.0000620	.0000796	-.009138	.0002440	.0002836	.0002975	.0067817
#2	.0000206	.0000642	-.003893	.0007386	.0001325	.0001803	.0024697
#3	-.000015	.0001233	.003447	.0006917	.0001613	.0001680	.0040409

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0000683**	**.0062290**	**-.000073**	**.0000435**	**-.100953**	**.0012461**	**-.000127**
Stddev	.0000835	.0037259	.000158	.0000801	.008422	.0002365	.000204
%RSD	122.3401	59.81587	216.1999	184.0431	8.342914	18.97561	161.3064
#1	.0001538	.0080215	-.000236	-.000018	-.105549	.0013634	.000078
#2	.0000642	.0087198	.000079	.000015	-.091232	.0009739	-.000127
#3	-.000013	.0019456	-.000062	.000134	-.106077	.0014009	-.000331

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.005454**	**.0061536**	**.0006025**	**.0002520**	**.0003605**	**.0110174**	**-.001256**
Stddev	.014155	.0003494	.0001269	.0010621	.0006581	.0028528	.001346
%RSD	259.5270	5.677262	21.06829	421.4750	182.5884	25.89317	107.1847
#1	-.005945	.0064811	.0007440	.0010543	.0001900	.0088585	-.002777
#2	.008940	.0057859	.0004987	.0006542	.0010870	.0099421	-.000773
#3	-.019357	.0061937	.0005648	-.000952	-.000196	.0142515	-.000218

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: CCB05 Acquired: 6/10/2025 19:22:53 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCB05 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0032434	-.002102	.0000642
Stddev	.0024538	.000699	.0000877
%RSD	75.65650	33.27237	136.4589
#1	.0009233	-.002883	.0001515
#2	.0029948	-.001888	-.000024
#3	.0058120	-.001535	.000065

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3406.214	77250.42	12300.16	2531.361	4838.315
Stddev	4.687	218.91	40.18	9.203	9.068
%RSD	.1376055	.2833745	.3266585	.3635564	.1874114
#1	3401.050	76998.74	12346.20	2520.992	4829.402
#2	3407.393	77396.56	12282.07	2534.528	4847.530
#3	3410.199	77355.97	12272.20	2538.562	4838.014

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2265-01 Acquired: 6/10/2025 19:27:13 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0637915	-.007625	.1565113	-.064069	-.010672	194.2471	.8447696
Stddev	.0029436	.000961	.0031985	.003092	.001900	.4488	.0058919
%RSD	4.614372	12.60731	2.043596	4.826442	17.80393	.2310547	.6974551
#1	.0624309	-.006542	.1538495	-.067590	-.012863	194.5878	.8503291
#2	.0617743	-.007957	.1556249	-.061794	-.009660	193.7385	.8453859
#3	.0671693	-.008377	.1600594	-.062823	-.009491	194.4150	.8385938

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0157128	.0215116	7.648182	.1446933	.2483209	.2234642	320.1035
Stddev	.0002107	.0002578	.017822	.0009417	.0007321	.0009891	.7401
%RSD	1.340889	1.198214	.2330253	.6508251	.2948021	.4426371	.2312211
#1	.0158640	.0214051	7.668367	.1456316	.2491593	.2225540	320.7937
#2	.0158022	.0213242	7.641565	.1447000	.2478082	.2233217	320.1948
#3	.0154721	.0218056	7.634615	.1437483	.2479953	.2245168	319.3219

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.271452	16.96956	.2466274	-.004051	4.762887	.3671220	.4358838
Stddev	.027143	.16749	.0008544	.000125	.022698	.0017714	.0016732
%RSD	.5149119	.9869860	.3464300	3.087351	.4765548	.4824986	.3838650
#1	5.296948	17.04483	.2475998	-.004195	4.788413	.3691025	.4377640
#2	5.242917	16.77764	.2459972	-.003976	4.755271	.3656892	.4353290
#3	5.274492	17.08620	.2462852	-.003981	4.744976	.3665742	.4345585

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.198907	-.154385	.0015042	.0855343	2.130759	3.777671	5.033500
Stddev	.032836	.001889	.0001301	.0004175	.008415	.019020	.033824
%RSD	.3569582	1.223577	8.647035	.4880797	.3949386	.5034799	.6719737
#1	9.213472	-.156337	.0013674	.0854653	2.140236	3.762307	5.071866
#2	9.221942	-.154253	.0016263	.0851555	2.127881	3.771762	5.020649
#3	9.161308	-.152566	.0015189	.0859819	2.124161	3.798944	5.007986

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2265-01 Acquired: 6/10/2025 19:27:13 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.054131	.2480273	-.245178
Stddev	.006289	.0028812	.000345
%RSD	.5966423	1.161652	.1408430
#1	1.060653	.2493599	-.245436
#2	1.053636	.2500010	-.245314
#3	1.048104	.2447210	-.244786

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4236.595	96593.87	16247.57	3158.507	4253.790
Stddev	48.758	91.42	48.24	9.099	33.601
%RSD	1.150886	.0946483	.2968964	.2880771	.7899101
#1	4290.604	96688.53	16194.18	3166.107	4288.964
#2	4223.363	96506.06	16260.54	3148.424	4250.385
#3	4195.819	96587.03	16288.01	3160.988	4222.021

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2266-01 Acquired: 6/10/2025 19:31:35 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0777903	-.011913	.1553102	-.065305	-.004307	76.43687	1.526772
Stddev	.0010563	.001181	.0017266	.005131	.001726	.07329	.006484
%RSD	1.357903	9.913536	1.111684	7.857413	40.06690	.0958821	.4246931
#1	.0768440	-.013268	.1536861	-.063202	-.002316	76.38451	1.533770
#2	.0789299	-.011368	.1551210	-.061560	-.005367	76.40547	1.520967
#3	.0775968	-.011103	.1571236	-.071154	-.005238	76.52063	1.525580

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0125325	.0178361	268.0842	.1846788	.1546960	.2005831	248.4691
Stddev	.0000901	.0003284	1.0567	.0004402	.0004008	.0018671	.3298
%RSD	.7191290	1.841484	.3941802	.2383808	.2590686	.9308236	.1327452
#1	.0124773	.0176017	267.0863	.1851863	.1542850	.1988675	248.5477
#2	.0124837	.0176950	267.9752	.1844507	.1547173	.2003101	248.1071
#3	.0126365	.0182115	269.1913	.1843995	.1550857	.2025716	248.7526

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.774617	76.79924	.3295724	-.008747	2.160205	.2979087	.6434853
Stddev	.016833	.40241	.0004418	.000488	.010938	.0020987	.0027770
%RSD	.2165168	.5239764	.1340392	5.573995	.5063452	.7044855	.4315584
#1	7.774366	76.51372	.3300204	-.009031	2.172249	.2973837	.6464606
#2	7.757910	76.62454	.3295597	-.009026	2.157478	.2961223	.6409621
#3	7.791574	77.25948	.3291372	-.008184	2.150889	.3002201	.6430330

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.78357	-.169745	.0038860	.0118835	2.885598	2.579510	10.41257
Stddev	.14113	.002288	.0004544	.0004476	.003416	.005746	.03043
%RSD	.6790289	1.347755	11.69261	3.766629	.1183862	.2227664	.2922218
#1	20.94049	-.167129	.0037020	.0113704	2.886379	2.572888	10.44543
#2	20.74316	-.170737	.0035525	.0120859	2.881858	2.583187	10.40691
#3	20.66706	-.171370	.0044035	.0121942	2.888555	2.582455	10.38536

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2266-01 Acquired: 6/10/2025 19:31:35 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6779178	.3821575	.5488651
Stddev	.0100692	.0005667	.0029530
%RSD	1.485305	.1482758	.5380172
#1	.6858509	.3828092	.5520030
#2	.6665901	.3818820	.5461405
#3	.6813126	.3817813	.5484516

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3592.341	83471.57	13423.14	2657.126	3903.007
Stddev	47.276	125.48	24.71	8.381	37.751
%RSD	1.316009	.1503283	.1840987	.3154255	.9672368
#1	3630.151	83460.73	13450.82	2653.378	3933.283
#2	3607.534	83351.86	13415.32	2651.273	3915.029
#3	3539.336	83602.12	13403.29	2666.727	3860.709

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2266-05 Acquired: 6/10/2025 19:35:50 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0816361	-.014959	.1831493	-.064352	-.008427	86.38721	2.877754
Stddev	.0036365	.001548	.0016214	.001372	.001469	.84021	.018526
%RSD	4.454498	10.34628	.8852997	2.131242	17.43425	.9726132	.6437646
#1	.0833400	-.013176	.1836476	-.065787	-.008524	86.74509	2.887118
#2	.0841077	-.015752	.1844630	-.064214	-.009846	86.98923	2.889729
#3	.0774605	-.015950	.1813372	-.063055	-.006912	85.42731	2.856415

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0135166	.0218098	42.77861	.2410230	.1775833	.1323751	280.3388
Stddev	.0000543	.0003218	.37242	.0023786	.0007365	.0006584	1.9239
%RSD	.4019389	1.475293	.8705802	.9868969	.4147481	.4974005	.6862699
#1	.0135793	.0221811	42.89659	.2390161	.1784277	.1330984	278.4221
#2	.0134828	.0216120	43.07776	.2404026	.1770735	.1318106	280.3245
#3	.0134877	.0216363	42.36149	.2436504	.1772487	.1322163	282.2698

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.44798	65.10813	.4545449	-.004252	1.970212	.3048399	.6945220
Stddev	.06935	.63543	.0022070	.000488	.017613	.0014871	.0027503
%RSD	.6637227	.9759613	.4855464	11.46847	.8939393	.4878172	.3960065
#1	10.47060	65.14195	.4570724	-.004174	1.961228	.3063717	.6916281
#2	10.50318	65.72598	.4529992	-.003808	1.958903	.3047460	.6948358
#3	10.37014	64.45647	.4535629	-.004774	1.990504	.3034020	.6971019

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.68436	-.081177	.0037736	.0078655	3.027274	2.269556	10.20211
Stddev	.14243	.007834	.0003060	.0007481	.023183	.018969	.03907
%RSD	.7623035	9.651044	8.110061	9.511410	.7657921	.8357816	.3829226
#1	18.58042	-.086592	.0041184	.0072173	3.036737	2.264141	10.21486
#2	18.62595	-.084746	.0036681	.0086842	3.044229	2.253884	10.15826
#3	18.84671	-.072194	.0035342	.0076951	3.000857	2.290643	10.23320

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2266-05 Acquired: 6/10/2025 19:35:50 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3963662	.3834240	-.074026
Stddev	.0032704	.0005004	.003086
%RSD	.8250903	.1305065	4.169021
#1	.3973349	.3840017	-.071578
#2	.3927209	.3831440	-.073007
#3	.3990428	.3831263	-.077493

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4063.106	95459.60	16276.26	3030.610	4073.641
Stddev	22.045	760.27	102.72	17.429	18.397
%RSD	.5425718	.7964364	.6311271	.5750919	.4516185
#1	4037.660	96170.05	16238.40	3048.099	4052.500
#2	4076.452	95550.98	16197.84	3030.490	4086.017
#3	4075.205	94657.76	16392.54	3013.242	4082.406

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2260-01 Acquired: 6/10/2025 19:39:56 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1432867**	**.0035621**	**.2264294**	**-.130565**	**-.019892**	**170.2780**	**.5404556**
Stddev	.0027738	.0016167	.0042142	.002878	.001087	1.9215	.0033828
%RSD	1.935815	45.38682	1.861147	2.203959	5.464081	1.128427	.6259089
#1	.1430768	.0053509	.2253381	-.131867	-.020556	172.1132	.5435182
#2	.1461595	.0022053	.2310818	-.132560	-.020482	168.2805	.5368247
#3	.1406238	.0031299	.2228681	-.127266	-.018638	170.4402	.5410240

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0239987**	**.0319972**	**19.50008**	**.2025926**	**.2646198**	**.4577985**	**587.7493**
Stddev	.0002884	.0006410	.09800	.0013209	.0013052	.0010580	4.2811
%RSD	1.201604	2.003308	.5025799	.6520183	.4932377	.2311157	.7283953
#1	.0243249	.0327120	19.55547	.2041156	.2655785	.4590192	583.4169
#2	.0237778	.0314733	19.38692	.2019029	.2631333	.4571442	591.9773
#3	.0238933	.0318065	19.55785	.2017592	.2651476	.4572322	587.8538

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**5.856160**	**14.38697**	**.3225076**	**-.005763**	**14.61445**	**.5820487**	**.6835739**
Stddev	.021728	.02416	.0007025	.001198	.04625	.0020387	.0025881
%RSD	.3710242	.1679364	.2178245	20.78620	.3164517	.3502664	.3786118
#1	5.874216	14.41021	.3221866	-.006522	14.57632	.5839064	.6861363
#2	5.832046	14.38873	.3220229	-.004382	14.60113	.5823720	.6836246
#3	5.862218	14.36198	.3233132	-.006385	14.66590	.5798676	.6809609

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**8.586561**	**^ *******	**.0017312**	**.0831622**	**2.924985**	**3.075397**	**9.646929**
Stddev	.043145	-----	.0001606	.0010254	.017938	.012437	.026515
%RSD	.5024755	-----	9.279284	1.232981	.6132832	.4043901	.2748538
#1	8.537844	^ -----	.0018393	.0833684	2.944255	3.076342	9.667130
#2	8.601890	^ -----	.0018077	.0840689	2.908770	3.087334	9.616904
#3	8.619948	^ -----	.0015466	.0820494	2.921931	3.062514	9.656752

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2260-01 Acquired: 6/10/2025 19:39:56 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	**1.247403**	**.3404554**	**-.444531**
Stddev	.002914	.0021945	.004961
%RSD	.2335879	.6445872	1.116005
#1	1.250339	.3379742	-.439569
#2	1.247358	.3421420	-.449491
#3	1.244512	.3412499	-.444533

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3845.450**	**90046.06**	**15615.83**	**2839.568**	**4197.436**
Stddev	5.629	308.74	79.43	14.083	5.046
%RSD	.1463898	.3428710	.5086627	.4959562	.1202242
#1	3851.582	90374.33	15546.36	2855.061	4201.682
#2	3844.251	90002.32	15702.43	2836.102	4198.768
#3	3840.516	89761.51	15598.70	2827.542	4191.857

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2260-01DUP Acquired: 6/10/2025 19:44:17 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1414622**	**.0026948**	**.2421999**	**-.130770**	**-.018930**	**173.7739**	**.5439766**
Stddev	.0023502	.0028717	.0014638	.002471	.001561	.5859	.0025424
%RSD	1.661396	106.5667	.6043664	1.889372	8.247156	.3371612	.4673772
#1	.1405096	-.000465	.2420016	-.133622	-.017969	174.2892	.5469082
#2	.1441391	.003403	.2408453	-.129400	-.020732	173.1366	.5426470
#3	.1397377	.005146	.2437527	-.129288	-.018090	173.8958	.5423748

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0246383**	**.0308063**	**19.34717**	**.2009743**	**.2624855**	**.4975243**	**574.4743**
Stddev	.0001377	.0008502	.05985	.0007599	.0009853	.0012513	4.5747
%RSD	.5587083	2.759936	.3093491	.3781296	.3753879	.2515008	.7963235
#1	.0247271	.0316685	19.38473	.2018301	.2628587	.4988521	570.1872
#2	.0247079	.0307820	19.27815	.2003783	.2613681	.4973536	573.9452
#3	.0244797	.0299685	19.37863	.2007146	.2632297	.4963671	579.2905

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**5.697514**	**14.60826**	**.3298626**	**-.009139**	**14.57588**	**.5803543**	**.7185091**
Stddev	.026127	.11547	.0011104	.001380	.04165	.0027764	.0047622
%RSD	.4585766	.7904514	.3366264	15.09955	.2857779	.4783977	.6627851
#1	5.715506	14.65196	.3293449	-.010626	14.62309	.5780572	.7168676
#2	5.667545	14.47731	.3291056	-.008891	14.54431	.5795661	.7147849
#3	5.709491	14.69550	.3311373	-.007900	14.56024	.5834396	.7238749

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**8.734903**	**^ *******	**.0020171**	**.0488929**	**2.952573**	**2.939921**	**9.692407**
Stddev	.021618	-----	.0001726	.0004468	.010574	.015001	.058327
%RSD	.2474863	-----	8.558392	.9138911	.3581282	.5102674	.6017778
#1	8.718325	^ -----	.0019646	.0485896	2.963694	2.930512	9.721273
#2	8.759354	^ -----	.0022099	.0486832	2.942648	2.957221	9.625276
#3	8.727030	^ -----	.0018769	.0494061	2.951376	2.932031	9.730672

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2260-01DUP Acquired: 6/10/2025 19:44:17 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.273289	.3403136	-.433581
Stddev	.009642	.0010165	.004637
%RSD	.7572766	.2986828	1.069411
#1	1.274213	.3401910	-.429112
#2	1.263218	.3413857	-.433263
#3	1.282436	.3393639	-.438369

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3763.773	87462.68	14964.07	2826.805	4114.932
Stddev	19.328	229.57	32.14	28.525	13.034
%RSD	.5135268	.2624744	.2147913	1.009092	.3167589
#1	3757.041	87611.87	14946.32	2855.776	4107.045
#2	3748.712	87577.85	15001.17	2825.892	4107.774
#3	3785.567	87198.33	14944.72	2798.748	4129.977

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2260-01LX5 Acquired: 6/10/2025 19:48:38 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0375363	-.000135	.0382674	-.032624	-.004289	38.88456	.1222723
Stddev	.0027758	.001727	.0026656	.001088	.002944	.04869	.0006147
%RSD	7.394959	1275.033	6.965653	3.334601	68.64079	.1252133	.5027557
#1	.0368144	-.001871	.0383658	-.033444	-.005386	38.85113	.1220280
#2	.0406017	.001583	.0355540	-.031390	-.006528	38.94042	.1229716
#3	.0351928	-.000119	.0408824	-.033038	-.000954	38.86213	.1218172

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0065746	.0021603	4.828336	.0522911	.0568822	.0965953	146.3337
Stddev	.0001218	.0002093	.014068	.0002969	.0001499	.0008180	.5429
%RSD	1.853190	9.690826	.2913570	.5677995	.2634593	.8468235	.3710248
#1	.0065788	.0023789	4.816323	.0525785	.0569375	.0973899	145.7825
#2	.0066944	.0019617	4.843812	.0523092	.0569967	.0957558	146.8680
#3	.0064508	.0021402	4.824872	.0519855	.0567126	.0966403	146.3505

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.561401	3.446713	.0661848	-.002243	3.017699	.1403756	.1506467
Stddev	.008016	.007984	.0003665	.000485	.021655	.0004377	.0005366
%RSD	.5134117	.2316300	.5537488	21.61016	.7175849	.3118010	.3561894
#1	1.555763	3.448838	.0665984	-.002478	2.993785	.1398715	.1509987
#2	1.570578	3.453419	.0660556	-.002564	3.023328	.1405961	.1500291
#3	1.557861	3.437882	.0659004	-.001685	3.035982	.1406592	.1509122

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.723451	-.083593	-.000165	.0344298	.6918762	.9178680	2.082741
Stddev	.020646	.000855	.000142	.0012448	.0051742	.0073146	.000245
%RSD	1.197919	1.022904	86.14184	3.615371	.7478550	.7969084	.0117657
#1	1.721550	-.084417	-.000170	.0342814	.6868035	.9094225	2.082464
#2	1.703822	-.083653	-.000020	.0357421	.6971463	.9220013	2.082928
#3	1.744981	-.082710	-.000303	.0332659	.6916788	.9221802	2.082832

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2260-01LX5 Acquired: 6/10/2025 19:48:38 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2694465	.0789235	-.110143
Stddev	.0057931	.0014613	.000408
%RSD	2.149989	1.851542	.3707861
#1	.2761219	.0774802	-.109737
#2	.2664824	.0804022	-.110554
#3	.2657353	.0788882	-.110138

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3418.876	78867.10	12765.48	2573.467	4458.511
Stddev	10.810	149.63	29.10	7.232	11.600
%RSD	.3161941	.1897265	.2279200	.2810356	.2601709
#1	3406.422	79034.27	12785.86	2580.343	4445.482
#2	3424.370	78821.34	12732.16	2574.134	4462.335
#3	3425.835	78745.70	12778.41	2565.925	4467.716

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2260-01MS Acquired: 6/10/2025 19:52:50 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8080637	1.778059	1.059158	1.410512	.3039364	179.0488	.6555588
Stddev	.0029096	.039456	.002028	.007584	.0032491	.5135	.0009842
%RSD	.3600718	2.219063	.1914756	.5376509	1.069011	.2867850	.1501300
#1	.8095292	1.750377	1.057185	1.406118	.3025507	178.4802	.6558784
#2	.8047127	1.760562	1.059053	1.406149	.3016099	179.4787	.6544545
#3	.8099491	1.823238	1.061237	1.419269	.3076486	179.1875	.6563434

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1892363	.2290154	20.01482	.5244316	.4429239	.4935532	549.9767
Stddev	.0003983	.0011063	.03094	.0015877	.0023225	.0008762	.3854
%RSD	.2104965	.4830495	.1545674	.3027479	.5243648	.1775309	.0700751
#1	.1889390	.2278590	19.99214	.5230461	.4404099	.4935040	549.7994
#2	.1896888	.2291237	20.00226	.5240846	.4433722	.4927026	549.7119
#3	.1890809	.2300636	20.05006	.5261642	.4449896	.4944529	550.4189

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.571426	14.94874	.7987259	.0509049	16.95089	.7922909	.6920900
Stddev	.006160	.05089	.0028851	.0006053	.08426	.0018061	.0009743
%RSD	.1105567	.3404532	.3612108	1.189090	.4970937	.2279593	.1407797
#1	5.566440	14.93449	.7958589	.0508763	16.93514	.7930997	.6927045
#2	5.569526	15.00524	.7986901	.0515240	16.87562	.7902218	.6909666
#3	5.578312	14.90649	.8016287	.0503144	17.04192	.7935513	.6925989

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.90108	^ *****	.3363193	.6949851	2.991886	2.959412	15.26235
Stddev	.02251	-----	.0008000	.0033421	.002604	.006847	.10036
%RSD	.1415625	-----	.2378709	.4808948	.0870313	.2313695	.6575872
#1	15.88453	^ -----	.3367447	.6914037	2.990715	2.955213	15.20249
#2	15.89200	^ -----	.3353964	.6955307	2.990074	2.955710	15.20633
#3	15.92671	^ -----	.3368166	.6980208	2.994870	2.967313	15.37821

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2260-01MS Acquired: 6/10/2025 19:52:50 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.161525	.4701446	-.232808
Stddev	.006362	.0027728	.000204
%RSD	.5477235	.5897754	.0874177
#1	1.155097	.4713694	-.232786
#2	1.161660	.4669703	-.233021
#3	1.167818	.4720940	-.232616

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3650.734	86273.81	14243.68	2753.729	4038.623
Stddev	6.010	170.93	6.17	14.566	1.859
%RSD	.1646236	.1981229	.0433383	.5289673	.0460424
#1	3644.511	86411.77	14250.50	2747.884	4040.697
#2	3651.186	86327.06	14242.07	2770.309	4038.068
#3	3656.505	86082.60	14238.47	2742.992	4037.105

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2260-01MSD Acquired: 6/10/2025 19:57:05 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7868812	1.753289	1.049947	1.350450	.2875600	194.3758	.6513086
Stddev	.0036352	.007299	.008111	.007010	.0012669	.4422	.0013972
%RSD	.4619774	.4163098	.7724678	.5190632	.4405665	.2275214	.2145229
#1	.7859681	1.745035	1.041538	1.342363	.2864457	194.8330	.6521457
#2	.7837896	1.758893	1.050583	1.354788	.2889380	194.3444	.6520845
#3	.7908859	1.755938	1.057721	1.354198	.2872963	193.9501	.6496956

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1859718	.2299544	19.58672	.5155827	.4440537	.4866195	532.6648
Stddev	.0011352	.0005439	.03125	.0011890	.0017862	.0007002	2.4652
%RSD	.6104144	.2365403	.1595320	.2306079	.4022476	.1438982	.4628100
#1	.1872113	.2298235	19.56567	.5164346	.4427517	.4873621	529.8825
#2	.1857212	.2294878	19.57187	.5160891	.4433194	.4859712	533.5349
#3	.1849828	.2305518	19.62262	.5142244	.4460900	.4865251	534.5770

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.365470	16.29063	.7981767	.0458224	17.31532	.7795612	.6998221
Stddev	.006451	.04691	.0025287	.0004115	.03801	.0034806	.0011142
%RSD	.1202238	.2879801	.3168130	.8980752	.2195302	.4464833	.1592076
#1	5.358862	16.23687	.7961233	.0453540	17.27143	.7766332	.6988911
#2	5.365797	16.32328	.7974056	.0459876	17.33688	.7786409	.6995187
#3	5.371751	16.31175	.8010012	.0461257	17.33765	.7834094	.7010566

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.36209	^ *****	.3252697	.7002747	2.990062	2.627925	15.02651
Stddev	.06088	-----	.0006004	.0041314	.000739	.011282	.08293
%RSD	.3721034	-----	.1845736	.5899667	.0247091	.4293056	.5518751
#1	16.29309	^ -----	.3250228	.6956040	2.989317	2.614900	14.93078
#2	16.40827	^ -----	.3248321	.7034507	2.990073	2.634670	15.07229
#3	16.38492	^ -----	.3259541	.7017694	2.990794	2.634203	15.07645

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2260-01MSD Acquired: 6/10/2025 19:57:05 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	**1.164619**	**.4742782**	**-.212803**
Stddev	.007915	.0031277	.002766
%RSD	.6796418	.6594640	1.299839
#1	1.156978	.4766688	-.209730
#2	1.164096	.4754274	-.213584
#3	1.172783	.4707385	-.215095

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3749.252**	**89406.12**	**14360.14**	**2823.516**	**4086.071**
Stddev	23.461	341.64	23.51	30.167	16.475
%RSD	.6257597	.3821175	.1637475	1.068417	.4031884
#1	3722.470	89789.05	14345.07	2857.976	4070.170
#2	3766.176	89296.78	14387.24	2810.691	4103.065
#3	3759.111	89132.54	14348.12	2801.880	4084.976

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2260-01A Acquired: 6/10/2025 20:01:21 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.7767333**	**1.738951**	**1.095980**	**1.394820**	**.6098667**	**168.1108**	**.7020133**
Stddev	.0038123	.015749	.004288	.008263	.0023102	.4850	.0026063
%RSD	.4908144	.9056658	.3912070	.5923977	.3788090	.2885014	.3712642
#1	.7723341	1.726592	1.092082	1.399017	.6078010	167.9367	.7045292
#2	.7790706	1.733578	1.095284	1.400143	.6123613	167.7368	.7021856
#3	.7787952	1.756683	1.100573	1.385301	.6094377	168.6588	.6993251

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1717652**	**.2205789**	**20.44151**	**.5210422**	**.4576334**	**.6557006**	**588.1274**
Stddev	.0006550	.0002632	.07138	.0016272	.0016124	.0021001	1.2133
%RSD	.3813295	.1193472	.3492118	.3122965	.3523289	.3202816	.2063022
#1	.1712074	.2205327	20.49749	.5191731	.4573536	.6550049	587.0466
#2	.1724865	.2203418	20.46592	.5221430	.4561793	.6580603	587.8959
#3	.1716018	.2208622	20.36112	.5218105	.4593674	.6540367	589.4398

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**6.144266**	**15.53807**	**.7930226**	**.0545933**	**17.26036**	**.8168046**	**.8198680**
Stddev	.023524	.02842	.0018545	.0007131	.06159	.0038995	.0043077
%RSD	.3828536	.1829213	.2338541	1.306240	.3568537	.4774027	.5254151
#1	6.167646	15.50749	.7922738	.0545197	17.31403	.8192847	.8156408
#2	6.144550	15.54301	.7916595	.0539198	17.27394	.8188192	.8197114
#3	6.120601	15.56369	.7951344	.0553404	17.19311	.8123100	.8242519

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**16.71063**	**^ *****	**.3272201**	**.7610838**	**3.046154**	**3.828200**	**15.35826**
Stddev	.05562	-----	.0001778	.0045216	.005379	.012526	.05442
%RSD	.3328210	-----	.0543238	.5940992	.1765707	.3272117	.3543302
#1	16.74584	^ -----	.3270525	.7573760	3.051093	3.842035	15.31789
#2	16.73954	^ -----	.3272012	.7597542	3.046945	3.817628	15.33675
#3	16.64651	^ -----	.3274065	.7661211	3.040423	3.824936	15.42015

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2260-01A Acquired: 6/10/2025 20:01:21 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.289478	.4811211	-.279173
Stddev	.012755	.0019846	.002020
%RSD	.9891671	.4124996	.7234124
#1	1.276008	.4832792	-.277422
#2	1.291052	.4807096	-.278714
#3	1.301372	.4793745	-.281382

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3794.702	89279.74	15409.23	2842.091	4136.647
Stddev	18.924	55.97	26.98	4.953	13.542
%RSD	.4986978	.0626862	.1750979	.1742694	.3273718
#1	3780.125	89340.33	15408.47	2837.859	4121.810
#2	3787.892	89229.99	15382.64	2840.876	4139.792
#3	3816.089	89268.91	15436.59	2847.539	4148.341

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: PB168353BL Acquired: 6/10/2025 20:05:35 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0015955**	**.0000975**	**.0006098**	**-.001063**	**.0014954**	**.0113502**	**-.003457**
Stddev	.0017538	.0008957	.0003847	.002942	.0008703	.0015641	.000680
%RSD	109.9274	919.0321	63.09200	276.9160	58.19694	13.78047	19.68149
#1	.0024326	-.000343	.0010509	.000662	.0007622	.0106231	-.003372
#2	-.000420	.001128	.0004353	-.004460	.0024571	.0131455	-.004176
#3	.002774	-.000493	.0003432	.000610	.0012668	.0102820	-.002823

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0000088**	**-.000020**	**-.011302**	**-.000583**	**.0001345**	**.0002757**	**.0307887**
Stddev	.0000578	.000034	.004462	.000231	.0001403	.0001884	.0030590
%RSD	657.3425	171.4382	39.48215	39.64310	104.3216	68.34778	9.935567
#1	.0000120	-.000030	-.016028	-.000320	-.000020	.0001903	.0283850
#2	.0000649	.000018	-.010717	-.000677	.000170	.0001450	.0342321
#3	-.000051	-.000047	-.007161	-.000753	.000253	.0004916	.0297490

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0003967**	**-.011313**	**-.000355**	**.0001870**	**-.141436**	**-.000620**	**-.000247**
Stddev	.0003235	.017694	.000162	.0000965	.006882	.001875	.000168
%RSD	81.55615	156.4062	45.53183	51.61711	4.865629	302.5161	68.02567
#1	.0000413	.007239	-.000179	.0001891	-.145222	-.000681	-.000099
#2	.0006740	-.013176	-.000389	.0002825	-.133493	-.002463	-.000430
#3	.0004747	-.028002	-.000497	.0000894	-.145595	.001285	-.000212

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.051371**	**-.000090**	**-.000035**	**-.002983**	**-.000113**	**.0112616**	**-.000375**
Stddev	.024201	.000455	.000159	.000498	.000272	.0058440	.002244
%RSD	47.11007	508.1290	448.2994	16.69775	241.5139	51.89318	598.3828
#1	-.076565	-.000288	-.000189	-.003384	.000143	.0081415	-.001870
#2	-.049246	.000431	.000129	-.003140	-.000399	.0180034	-.001459
#3	-.028303	-.000411	-.000047	-.002426	-.000083	.0076399	.002205

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: PB168353BL Acquired: 6/10/2025 20:05:35 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	**-.000584**	**-.002064**	**-.000061**
Stddev	.001391	.001015	.000032
%RSD	238.1689	49.14805	52.21056
#1	-.000380	-.002673	-.000096
#2	.000694	-.000893	-.000034
#3	-.002067	-.002627	-.000052

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3405.517**	**77488.47**	**12927.96**	**2515.356**	**4894.633**
Stddev	3.185	193.80	33.01	13.260	6.910
%RSD	.0935231	.2501025	.2553707	.5271699	.1411738
#1	3405.884	77499.20	12913.43	2502.481	4897.869
#2	3402.165	77289.52	12965.75	2514.617	4886.699
#3	3408.503	77676.68	12904.71	2528.970	4899.331

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: CCV06 Acquired: 6/10/2025 20:09:55 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCV06 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**5.164694**	**5.005138**	**5.110442**	**5.193087**	**5.121218**	**10.05252**	**9.963835**
Stddev	.002659	.055834	.009947	.005803	.006392	.01906	.059325
%RSD	.0514843	1.115541	.1946407	.1117516	.1248079	.1895643	.5954048
#1	5.167308	5.049170	5.107897	5.199456	5.115808	10.03881	9.952911
#2	5.161992	5.023905	5.102015	5.188097	5.128270	10.04448	10.02786
#3	5.164782	4.942338	5.121415	5.191709	5.119575	10.07428	9.91073

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2617460**	**2.551816**	**25.08362**	**1.054015**	**2.536859**	**1.271490**	**5.145384**
Stddev	.0005229	.005905	.11729	.002544	.004733	.000756	.001500
%RSD	.1997620	.2313889	.4675930	.2413279	.1865775	.0594635	.0291603
#1	.2614503	2.552693	25.05338	1.055752	2.538890	1.270632	5.146665
#2	.2623497	2.545523	24.98441	1.055198	2.531450	1.271781	5.143733
#3	.2614381	2.557234	25.21307	1.051096	2.540239	1.272057	5.145752

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.503132**	**25.03170**	**2.545784**	**1.287944**	**23.77658**	**2.561600**	**2.567864**
Stddev	.008854	.07760	.004806	.004540	.01321	.008244	.001971
%RSD	.3537336	.3100107	.1887853	.3524720	.0555745	.3218334	.0767708
#1	2.501795	24.99770	2.546653	1.290782	23.77369	2.560814	2.566417
#2	2.495022	24.97691	2.540603	1.290341	23.79100	2.553778	2.567066
#3	2.512579	25.12050	2.550096	1.282708	23.76506	2.570210	2.570109

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**24.11137**	**5.082299**	**5.158580**	**5.155343**	**5.106475**	**5.129186**	**5.253950**
Stddev	.03571	.010711	.004814	.006072	.005613	.007671	.006460
%RSD	.1481191	.2107556	.0933132	.1177890	.1099235	.1495596	.1229479
#1	24.14436	5.069972	5.164071	5.153869	5.110360	5.125163	5.261354
#2	24.11629	5.089338	5.155087	5.150143	5.100039	5.124364	5.251030
#3	24.07345	5.087586	5.156581	5.162017	5.109025	5.138032	5.249466

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: CCV06 Acquired: 6/10/2025 20:09:55 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCV06 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	**5.014664**	**4.685640**	**5.110424**
Stddev	.005604	.000242	.035111
%RSD	.1117541	.0051694	.6870485
#1	5.020482	4.685436	5.071876
#2	5.009301	4.685576	5.140576
#3	5.014210	4.685908	5.118818

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3248.358**	**74055.17**	**11789.36**	**2374.767**	**4320.260**
Stddev	6.108	95.15	14.30	11.489	8.250
%RSD	.1880373	.1284900	.1212892	.4837765	.1909617
#1	3242.721	73948.69	11793.89	2369.229	4311.450
#2	3247.507	74084.94	11800.85	2387.976	4321.527
#3	3254.848	74131.88	11773.35	2367.097	4327.803

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: CCB06 Acquired: 6/10/2025 20:14:06 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCB06 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0010764**	**.0003874**	**.0000883**	**-.001966**	**.0030012**	**.0010374**	**-.003836**
Stddev	.0016304	.0009273	.0005805	.006496	.0012112	.0022055	.000827
%RSD	151.4628	239.3667	657.2518	330.3718	40.35815	212.5996	21.57020
#1	.0011949	-.000552	-.000248	-.006176	.0016955	-.000539	-.003988
#2	-.000610	.001302	.000759	.005515	.0040881	.003558	-.002943
#3	.002644	.000412	-.000246	-.005238	.0032200	.000094	-.004578

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0000359**	**.0000796**	**-.000899**	**.0003787**	**.0000249**	**-.000004**	**.0033850**
Stddev	.0000478	.0000336	.009738	.0001069	.0001081	.000244	.0005936
%RSD	132.9536	42.20499	1083.596	28.22449	434.3451	5726.799	17.53520
#1	.0000804	.0000843	.001874	.0002582	.0001081	-.000283	.0035365
#2	.0000419	.0000439	-.011723	.0004161	-.000097	.000097	.0038881
#3	-.000015	.0001106	.007153	.0004619	.000064	.000173	.0027303

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0000956**	**-.000256**	**-.000001**	**.0002333**	**-.119951**	**.0002775**	**-.000199**
Stddev	.0003783	.025767	.000371	.0001238	.009217	.0009768	.000049
%RSD	395.4689	10072.91	55648.99	53.04156	7.684233	352.0290	24.65021
#1	.0005324	-.025563	.000396	.0002564	-.109342	.0013924	-.000197
#2	-.000131	.025947	-.000339	.0000996	-.124515	-.000133	-.000249
#3	-.000115	-.001151	-.000059	.0003439	-.125996	-.000427	-.000151

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.027685**	**.0059434**	**.0006841**	**.0002106**	**.0008101**	**.0016398**	**-.001148**
Stddev	.016867	.0003915	.0000669	.0002043	.0005404	.0068509	.001697
%RSD	60.92451	6.587512	9.772824	97.01677	66.71079	417.7812	147.7840
#1	-.013168	.0059035	.0006482	.0004447	.0012450	-.002384	.000593
#2	-.023699	.0055733	.0007612	.0001193	.0002051	.009550	-.002797
#3	-.046189	.0063533	.0006429	.0000679	.0009802	-.002247	-.001241

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: CCB06 Acquired: 6/10/2025 20:14:06 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCB06 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000061	-.001669	.0000878
Stddev	.003927	.000755	.0000110
%RSD	6446.105	45.22611	12.58349
#1	-.000611	-.001957	.0000986
#2	-.003684	-.002237	.0000883
#3	.004112	-.000812	.0000765

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3395.058	76935.47	11661.89	2467.641	4797.112
Stddev	33.066	177.69	33.41	11.160	27.862
%RSD	.9739306	.2309651	.2864817	.4522706	.5808114
#1	3429.187	76817.40	11649.06	2464.959	4826.970
#2	3363.170	76849.18	11636.80	2458.067	4771.806
#3	3392.815	77139.83	11699.82	2479.899	4792.561

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: PB168353BS Acquired: 6/10/2025 20:22:28 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7825389	1.963531	.9766229	1.973432	.7990764	1.884054
Stddev	.0011068	.023510	.0051714	.002923	.0037453	.007408
%RSD	.1414324	1.197316	.5295190	.1481326	.4687037	.3932200
#1	.7818276	1.954480	.9743567	1.970136	.7957628	1.878945
#2	.7819751	1.945892	.9729715	1.975711	.7983265	1.892551
#3	.7838141	1.990221	.9825405	1.974449	.8031399	1.880666

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1929325	.1912720	.1971314	.9830965	.4067789	.1975036
Stddev	.0005970	.0001086	.0007125	.0082183	.0004289	.0009109
%RSD	.3094523	.0567778	.3614418	.8359620	.1054370	.4611867
#1	.1932561	.1913974	.1968206	.9792033	.4070915	.1973105
#2	.1932978	.1912081	.1966271	.9775483	.4062900	.1967048
#3	.1922435	.1912105	.1979465	.9925380	.4069552	.1984955

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3101091	3.110181	.1982366	1.852882	.4980155	.0751033
Stddev	.0009956	.012695	.0008590	.006980	.0012584	.0004997
%RSD	.3210606	.4081811	.4333439	.3767194	.2526907	.6653733
#1	.3093136	3.103885	.1980812	1.852595	.4971578	.0752958
#2	.3097881	3.101864	.1991627	1.846051	.4974284	.0754782
#3	.3112257	3.124794	.1974658	1.860002	.4994601	.0745360

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.685472	.2926856	.2088305	9.352621	.2786480	.4068950
Stddev	.013076	.0017577	.0004723	.037778	.0008155	.0018701
%RSD	.4868986	.6005297	.2261474	.4039303	.2926514	.4595930
#1	2.686952	.2906624	.2086198	9.340372	.2794372	.4064391
#2	2.697745	.2938367	.2093714	9.395004	.2778086	.4052950
#3	2.671720	.2935576	.2085002	9.322488	.2786983	.4089508

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: PB168353BS Acquired: 6/10/2025 20:22:28 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.6871924**	**.1945261**	**.8858994**	**5.705979**	F **-.004302**	**.1631503**
Stddev	.0034152	.0006398	.0030377	.034142	.000313	.0002861
%RSD	.4969737	.3288779	.3428991	.5983592	7.277962	.1753364
#1	.6846439	.1950143	.8891980	5.689867	-.004390	.1628624
#2	.6858606	.1938019	.8852833	5.682874	-.003955	.1631540
#3	.6910729	.1947622	.8832170	5.745196	-.004562	.1634345

Elem	Sr4077
Units	ppm
Avg	**.1958812**
Stddev	.0006659
%RSD	.3399463
#1	.1959757
#2	.1964948
#3	.1951731

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3350.899**	**77948.07**	**13082.10**	**2512.236**	**4689.525**
Stddev	2.395	139.91	21.31	13.619	5.946
%RSD	.0714687	.1794869	.1628662	.5421164	.1268001
#1	3351.268	77787.81	13074.97	2496.771	4694.529
#2	3353.088	78010.59	13106.06	2522.440	4691.095
#3	3348.341	78045.82	13065.27	2517.496	4682.952

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2259-01 Acquired: 6/10/2025 20:26:29 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0331335	-.013139	.0191033	-.111470	-.015238	135.6016	.2599320
Stddev	.0029274	.001711	.0015709	.006038	.001550	.0419	.0011875
%RSD	8.835235	13.02183	8.223092	5.416831	10.17447	.0308903	.4568417
#1	.0303755	-.014027	.0178247	-.104613	-.016898	135.6226	.2606970
#2	.0328200	-.014224	.0208569	-.115990	-.013828	135.5534	.2585640
#3	.0362051	-.011167	.0186284	-.113807	-.014987	135.6289	.2605350

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0066742	.0345209	159.7284	-.032034	.3110622	.7414435	501.2186
Stddev	.0001221	.0005047	.0996	.000221	.0002300	.0013601	2.2499
%RSD	1.829448	1.461980	.0623801	.6898160	.0739300	.1834356	.4488912
#1	.0067038	.0351028	159.6167	-.031997	.3108093	.7424902	498.9771
#2	.0067788	.0342571	159.7603	-.032271	.3112589	.7399062	501.2019
#3	.0065400	.0342028	159.8081	-.031834	.3111184	.7419341	503.4769

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.189312	98.22827	.1458661	-.008431	18.16120	1.260582	.6905427
Stddev	.007554	.13123	.0001968	.000468	.09485	.000368	.0043593
%RSD	.1803206	.1336009	.1349226	5.554553	.5222914	.0292288	.6312893
#1	4.197577	98.07682	.1459758	-.008923	18.18642	1.260886	.6858188
#2	4.182763	98.29961	.1459836	-.007991	18.05628	1.260688	.6944104
#3	4.187598	98.30839	.1456389	-.008378	18.24089	1.260172	.6913987

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.726856	1.219403	.0029362	.0189344	5.751268	2.582774	10.01149
Stddev	.019010	.003690	.0001589	.0014801	.013379	.005672	.01351
%RSD	1.100858	.3026109	5.410599	7.817026	.2326284	.2196106	.1349138
#1	1.706675	1.216697	.0031169	.0184802	5.756008	2.588839	10.02395
#2	1.729469	1.217905	.0028186	.0177347	5.736164	2.577601	9.99713
#3	1.744425	1.223606	.0028729	.0205884	5.761631	2.581882	10.01338

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2259-01 Acquired: 6/10/2025 20:26:29 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	14.26196	.3047455	-.059262
Stddev	.01460	.0019703	.003082
%RSD	.1023488	.6465538	5.201442
#1	14.25917	.3037564	-.055725
#2	14.24895	.3034656	-.060680
#3	14.27774	.3070144	-.061380

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3539.933	84965.38	14876.24	2667.208	3811.315
Stddev	14.063	356.06	12.55	8.006	12.895
%RSD	.3972677	.4190685	.0843484	.3001641	.3383351
#1	3532.314	85345.12	14875.78	2676.406	3801.879
#2	3556.161	84912.00	14863.93	2661.806	3826.008
#3	3531.323	84639.02	14889.01	2663.413	3806.058

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2238-01 Acquired: 6/10/2025 20:30:42 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0521694	-.034231	.4717461	-.091306	.0096075	136.5529	1.275281
Stddev	.0020553	.002540	.0014993	.005911	.0024447	.2840	.004037
%RSD	3.939735	7.421480	.3178280	6.473698	25.44559	.2079869	.3165733
#1	.0502053	-.032138	.4732934	-.084526	.0070065	136.4128	1.278139
#2	.0519978	-.033498	.4716452	-.095376	.0118581	136.8798	1.277041
#3	.0543052	-.037058	.4702998	-.094017	.0099581	136.3662	1.270662

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0074163	.0977534	361.3873	.2628546	.1819514	1.943281	332.5668
Stddev	.0001427	.0003709	1.5942	.0026293	.0007587	.005216	1.0771
%RSD	1.923421	.3794555	.4411249	1.000306	.4169592	.2684201	.3238660
#1	.0075805	.0979617	361.5119	.2645303	.1820394	1.949149	331.7415
#2	.0073457	.0973252	362.9156	.2642092	.1811526	1.941522	333.7852
#3	.0073227	.0979734	359.7345	.2598241	.1826622	1.939171	332.1737

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.693056	128.4923	.4095098	-.007918	7.170198	.6000526	7.510489
Stddev	.002408	.2087	.0009892	.000375	.039733	.0017924	.006373
%RSD	.0423049	.1624370	.2415518	4.730113	.5541437	.2986998	.0848495
#1	5.691034	128.3230	.4106175	-.008146	7.179602	.5982262	7.517274
#2	5.692412	128.4284	.4087145	-.008123	7.204385	.6018088	7.509564
#3	5.695720	128.7255	.4091975	-.007486	7.126606	.6001229	7.504630

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.74652	.1455201	.0120751	.0383797	9.828192	12.13291	8.544332
Stddev	.08647	.0093212	.0001931	.0020706	.017535	.05121	.025782
%RSD	.5864021	6.405405	1.599432	5.394987	.1784166	.4220950	.3017482
#1	14.73890	.1471187	.0122846	.0361152	9.832257	12.09109	8.519406
#2	14.83656	.1539386	.0119042	.0388478	9.843337	12.19003	8.570893
#3	14.66411	.1355031	.0120366	.0401762	9.808981	12.11760	8.542697

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2238-01 Acquired: 6/10/2025 20:30:42 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	**11.39916**	**.3311734**	**.8706177**
Stddev	.00955	.0005189	.0032949
%RSD	.0837472	.1566904	.3784576
#1	11.39266	.3315943	.8679655
#2	11.41012	.3305936	.8695813
#3	11.39470	.3313322	.8743062

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3214.340**	**77254.65**	**12900.89**	**2399.130**	**3706.699**
Stddev	15.272	335.28	27.95	21.581	12.347
%RSD	.4751210	.4339955	.2166265	.8995519	.3330896
#1	3197.642	77547.50	12932.76	2424.028	3692.481
#2	3217.778	76888.92	12889.30	2385.771	3712.895
#3	3227.600	77327.51	12880.60	2387.590	3714.720

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: PB168245BL Acquired: 6/10/2025 20:35:01 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002965	-.000229	-.000465	-.000175	.0012107	.0151468	-.003570
Stddev	.0016480	.001354	.000632	.002277	.0011887	.0047445	.000772
%RSD	555.7577	590.0286	135.9921	1303.652	98.18356	31.32335	21.62911
#1	.0003932	-.001705	-.001195	-.002521	.0017831	.0105513	-.004020
#2	-.001398	.000955	-.000103	.002027	.0020050	.0200274	-.004012
#3	.001894	.000061	-.000096	-.000030	-.000156	.0148618	-.002679

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000008	.0000357	.0209816	.0002977	.0000243	.0002417	.0400627
Stddev	.000036	.0000590	.0043482	.0002795	.0001323	.0000968	.0033855
%RSD	451.6364	165.1355	20.72376	93.87663	543.9037	40.04752	8.450446
#1	-.000034	.0000880	.0242249	.0000800	.0000425	.0002442	.0415130
#2	-.000022	-.000028	.0226791	.0006129	.0001466	.0003373	.0424814
#3	.000033	.000047	.0160407	.0002003	-.000116	.0001437	.0361937

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009055	.0108387	-.000131	-.000102	-.112892	-.001061	.0004230
Stddev	.0001600	.0085058	.000195	.000205	.004585	.000396	.0004761
%RSD	17.66508	78.47673	149.0913	200.4783	4.060947	37.28220	112.5467
#1	.0008434	.0206327	-.000307	-.000111	-.109329	-.000816	.0004285
#2	.0007860	.0053036	.000079	.000107	-.111284	-.000849	.0008963
#3	.0010872	.0065797	-.000164	-.000303	-.118064	-.001517	-.000056

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.038787	.0025085	.0000481	-.000260	.0015593	.0067296	-.001208
Stddev	.010027	.0005623	.0000688	.001422	.0002376	.0041994	.002447
%RSD	25.85216	22.41510	143.0731	546.0589	15.23801	62.40163	202.4942
#1	-.044964	.0031272	-.000001	-.001794	.0013546	.0107728	-.003904
#2	-.027218	.0023694	.000127	.001016	.0018199	.0023897	.000872
#3	-.044181	.0020288	.000018	-.000003	.0015035	.0070262	-.000593

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: PB168245BL Acquired: 6/10/2025 20:35:01 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0031301	-.001851	-.000008
Stddev	.0013123	.001775	.000022
%RSD	41.92664	95.90560	271.1706
#1	.0016909	-.002200	-.000033
#2	.0042606	.000073	.000010
#3	.0034387	-.003426	-.000001

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3421.076	77342.85	12709.40	2491.971	4941.983
Stddev	14.596	195.31	59.76	13.110	9.794
%RSD	.4266463	.2525302	.4702184	.5260870	.1981798
#1	3408.282	77568.17	12640.41	2505.729	4936.244
#2	3417.971	77238.65	12742.89	2490.560	4936.413
#3	3436.974	77221.73	12744.91	2479.624	4953.292

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: PB168245BS Acquired: 6/10/2025 20:39:22 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.8284307**	**2.077119**	**1.029229**	**2.094528**	**.8348456**	**2.026404**
Stddev	.0016272	.010237	.004358	.007196	.0029016	.007717
%RSD	.1964233	.4928625	.4233865	.3435551	.3475628	.3808101
#1	.8271339	2.075411	1.024217	2.090566	.8363355	2.018191
#2	.8279016	2.067843	1.032120	2.102834	.8366996	2.027518
#3	.8302566	2.088103	1.031351	2.090185	.8315017	2.033504

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1925544**	**.2206548**	**.2081150**	**1.056061**	**.4301338**	**.2092495**
Stddev	.0004851	.0002294	.0009574	.011429	.0013638	.0006138
%RSD	.2519517	.1039578	.4600601	1.082237	.3170704	.2933284
#1	.1927671	.2205726	.2070123	1.044677	.4290682	.2087052
#2	.1928969	.2209139	.2087357	1.055974	.4296624	.2099148
#3	.1919993	.2204778	.2085970	1.067534	.4316708	.2091286

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3249148**	**2.988706**	**.2072259**	**2.028510**	**.5256697**	**.0788048**
Stddev	.0006999	.028917	.0009494	.006116	.0026673	.0005638
%RSD	.2154269	.9675287	.4581284	.3015010	.5074166	.7154505
#1	.3248555	2.955395	.2062732	2.026189	.5225903	.0787703
#2	.3256425	3.007354	.2081719	2.035447	.5272621	.0782590
#3	.3242463	3.003369	.2072326	2.023894	.5271567	.0793850

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.533640**	**.3077829**	**.2174942**	**9.075448**	**.3221647**	**.4241925**
Stddev	.011736	.0019151	.0006117	.003943	.0024292	.0006259
%RSD	.4632211	.6222351	.2812705	.0434424	.7540195	.1475584
#1	2.520133	.3056469	.2167891	9.071243	.3197608	.4243862
#2	2.541351	.3083547	.2178112	9.079061	.3246185	.4246986
#3	2.539436	.3093469	.2178825	9.076038	.3221148	.4234925

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: PB168245BS Acquired: 6/10/2025 20:39:22 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7207124	.2020412	.8874307	5.972148	F .0001267	.1655924
Stddev	.0032097	.0026487	.0095380	.009884	.0016916	.0010648
%RSD	.4453470	1.310954	1.074787	.1655047	1334.562	.6430171
#1	.7170073	.2001952	.8860821	5.965943	.0018131	.1660899
#2	.7224868	.2050760	.8975712	5.966954	.0001372	.1643699
#3	.7226432	.2008523	.8786388	5.983546	-.001570	.1663173

Elem	Sr4077
Units	ppm
Avg	.2017649
Stddev	.0002447
%RSD	.1212903
#1	.2016933
#2	.2020374
#3	.2015639

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3304.944	75572.26	11716.43	2436.401	4603.269
Stddev	25.322	168.61	28.60	14.009	20.303
%RSD	.7661862	.2231078	.2440616	.5749825	.4410667
#1	3280.537	75728.80	11748.85	2452.387	4583.503
#2	3303.203	75594.22	11694.82	2430.548	4602.235
#3	3331.092	75393.74	11705.62	2426.268	4624.070

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2176-01 Acquired: 6/10/2025 20:43:22 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0905496	.0411289	.1610321	-.239395	-.034106	40.73660
Stddev	.0015916	.0012778	.0035588	.002880	.002024	.12089
%RSD	1.757660	3.106898	2.209976	1.202945	5.933529	.2967592
#1	.0920739	.0421777	.1574830	-.239305	-.035861	40.60612
#2	.0888984	.0415033	.1610130	-.242319	-.034564	40.75889
#3	.0906764	.0397057	.1646004	-.236562	-.031892	40.84480

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1996462	.0172789	.0356347	13.16107	.0129931	.0586701
Stddev	.0004369	.0002330	.0019958	.07795	.0004641	.0006513
%RSD	.2188330	1.348340	5.600591	.5923138	3.572023	1.110133
#1	.1993932	.0172583	.0348525	13.07119	.0127261	.0582705
#2	.1993947	.0175214	.0341485	13.21033	.0127241	.0583181
#3	.2001507	.0170568	.0379031	13.20169	.0135290	.0594216

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2249873	1052.773	.3750503	3.666863	.0699539	-.024373
Stddev	.0033856	13.641	.0009362	.016511	.0004784	.003368
%RSD	1.504803	1.295707	.2496119	.4502884	.6838337	13.81955
#1	.2226749	1060.450	.3758440	3.649205	.0705038	-.021244
#2	.2234136	1060.845	.3752890	3.669466	.0697246	-.023936
#3	.2288733	1037.023	.3740179	3.681919	.0696334	-.027938

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.944253	.2628644	1.297498	3.777629	^ *****	-.009773
Stddev	.027747	.0015690	.011153	.023343	-----	.000109
%RSD	.9424012	.5968854	.8595934	.6179212	-----	1.113336
#1	2.930326	.2610530	1.288397	3.765846	^ -----	-.009897
#2	2.976205	.2637969	1.309940	3.804515	^ -----	-.009695
#3	2.926229	.2637434	1.294158	3.762528	^ -----	-.009727

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2176-01 Acquired: 6/10/2025 20:43:22 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0183186	.4651569	F 14.49814	2.704059	6.450309	.4513725
Stddev	.0018810	.0027468	.09521	.007986	.018327	.0046744
%RSD	10.26812	.5905176	.6567238	.2953381	.2841279	1.035593
#1	.0203915	.4620516	14.52129	2.711284	6.452963	.4538229
#2	.0167206	.4672690	14.57965	2.695484	6.430799	.4543123
#3	.0178436	.4661500	14.39349	2.705410	6.467164	.4459824

Elem	Sr4077
Units	ppm
Avg	-.913503
Stddev	.013371
%RSD	1.463719
#1	-.921249
#2	-.921196
#3	-.898063

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3340.437	79084.33	13822.96	2470.562	4202.090
Stddev	10.028	577.47	56.17	20.167	14.360
%RSD	.3002080	.7301994	.4063306	.8162778	.3417432
#1	3331.944	79363.72	13887.42	2481.237	4190.032
#2	3351.500	78420.30	13796.95	2447.302	4217.976
#3	3337.868	79468.97	13784.52	2483.148	4198.260

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2176-02 Acquired: 6/10/2025 20:47:35 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1496758**	**.0123657**	**.1482358**	**-.105708**	**-.013819**	**64.22140**
Stddev	.0008367	.0025116	.0039829	.000591	.001598	.15534
%RSD	.5589811	20.31121	2.686899	.5590834	11.56626	.2418834
#1	.1505969	.0150833	.1484872	-.105033	-.015587	64.07668
#2	.1489629	.0101297	.1520871	-.105962	-.013394	64.38554
#3	.1494675	.0118842	.1441331	-.106129	-.012477	64.20198

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2756352**	**.0120255**	**.0173485**	**156.2176**	**.1574175**	**.0315625**
Stddev	.0003971	.0001143	.0006547	.4986	.0009913	.0001021
%RSD	.1440617	.9501911	3.773951	.3191546	.6297342	.3233954
#1	.2751807	.0120491	.0179271	155.6439	.1567073	.0314837
#2	.2759148	.0119013	.0174806	156.4624	.1585500	.0315259
#3	.2758102	.0121261	.0166378	156.5464	.1569952	.0316778

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0805807**	**484.4353**	**.4347988**	**30.51835**	**.0563345**	**-.013935**
Stddev	.0027164	1.1825	.0014817	.12068	.0006604	.000995
%RSD	3.371068	.2441053	.3407795	.3954187	1.172275	7.143685
#1	.0819793	483.8055	.4345174	30.37992	.0564774	-.014802
#2	.0823129	483.7009	.4334780	30.57373	.0569118	-.014156
#3	.0774500	485.7994	.4364010	30.60139	.0556144	-.012848

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.092719**	**.3630126**	**.4963618**	**6.927914**	**-.328557**	**-.002110**
Stddev	.008064	.0005405	.0010461	.026644	.015583	.000345
%RSD	.3853311	.1488916	.2107609	.3845832	4.742738	16.34287
#1	2.101956	.3624613	.4972808	6.945072	-.310833	-.002176
#2	2.089117	.3635416	.4952234	6.897220	-.340104	-.001737
#3	2.087084	.3630348	.4965813	6.941450	-.334733	-.002417

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2176-02 Acquired: 6/10/2025 20:47:35 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0192968	1.256194	F 21.69267	5.029187	1.528909	.2343196
Stddev	.0011695	.001845	.04155	.040353	.016971	.0008784
%RSD	6.060513	.1468508	.1915237	.8023670	1.110015	.3748810
#1	.0191684	1.255203	21.72701	5.042007	1.532465	.2333061
#2	.0205251	1.258322	21.64649	5.061573	1.543820	.2348611
#3	.0181968	1.255055	21.70450	4.983982	1.510441	.2347916

Elem	Sr4077
Units	ppm
Avg	.2615313
Stddev	.0014039
%RSD	.5367897
#1	.2612630
#2	.2630500
#3	.2602810

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3217.860	75242.83	12623.61	2388.248	4087.827
Stddev	22.678	12.84	48.74	15.635	18.623
%RSD	.7047465	.0170713	.3861333	.6546729	.4555683
#1	3193.002	75257.01	12676.42	2371.516	4066.671
#2	3237.418	75231.97	12580.35	2402.486	4101.739
#3	3223.162	75239.51	12614.05	2390.744	4095.072

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2176-03 Acquired: 6/10/2025 20:51:48 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0761910	-.004150	.2582266	-.046982	-.007846	115.5720
Stddev	.0003878	.001657	.0010900	.001338	.000330	.1099
%RSD	.5090231	39.93052	.4221077	2.847204	4.206649	.0950531
#1	.0766046	-.005371	.2575977	-.046093	-.007972	115.6882
#2	.0761331	-.004815	.2575967	-.048520	-.008095	115.4698
#3	.0758354	-.002264	.2594852	-.046333	-.007472	115.5582

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3837888	.0101065	.0126409	8.755284	.1699170	.0551090
Stddev	.0010312	.0001203	.0001736	.022669	.0003531	.0003218
%RSD	.2686798	1.190161	1.373596	.2589222	.2078002	.5838682
#1	.3838693	.0101440	.0128381	8.731619	.1695148	.0549749
#2	.3847774	.0099720	.0125110	8.757426	.1701759	.0548760
#3	.3827198	.0102036	.0125735	8.776806	.1700605	.0554761

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1400837	239.7116	.6371564	13.14546	.1076948	-.004535
Stddev	.0004765	1.7771	.0024070	.03811	.0002827	.000100
%RSD	.3401227	.7413694	.3777684	.2899120	.2624839	2.210720
#1	.1405436	237.6897	.6343963	13.10225	.1076795	-.004650
#2	.1401153	241.0261	.6388186	13.15986	.1074200	-.004492
#3	.1395922	240.4191	.6382545	13.17427	.1079847	-.004464

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.142011	.3620679	.4300075	4.356318	-.222540	.0021144
Stddev	.016710	.0007267	.0033496	.029339	.007808	.0001456
%RSD	.7800984	.2007141	.7789579	.6734752	3.508469	6.888268
#1	2.125626	.3621386	.4264369	4.325246	-.231461	.0019732
#2	2.159027	.3613084	.4305053	4.383544	-.216955	.0021059
#3	2.141381	.3627567	.4330804	4.360165	-.219203	.0022641

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2176-03 Acquired: 6/10/2025 20:51:48 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0303413	2.207484	F 20.72691	3.587054	1.278812	.1651081
Stddev	.0009780	.001734	.13042	.014227	.008288	.0006695
%RSD	3.223381	.0785522	.6292138	.3966257	.6480810	.4054600
#1	.0311780	2.206685	20.57641	3.575656	1.272265	.1646132
#2	.0305798	2.206293	20.79747	3.582506	1.276040	.1648413
#3	.0292661	2.209474	20.80684	3.602999	1.288130	.1658698

Elem	Sr4077
Units	ppm
Avg	-.170371
Stddev	.001681
%RSD	.9867852
#1	-.168456
#2	-.171606
#3	-.171050

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3791.740	90035.59	14141.00	2859.257	4337.758
Stddev	12.180	488.36	15.01	23.626	6.895
%RSD	.3212220	.5424122	.1061410	.8262813	.1589573
#1	3781.112	90524.00	14123.90	2886.532	4332.569
#2	3789.077	89547.28	14147.09	2846.094	4335.124
#3	3805.031	90035.48	14152.01	2845.145	4345.582

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2176-04 Acquired: 6/10/2025 20:55:54 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0739858**	**-.029910**	**1.140229**	**-.060609**	**.0049440**	**126.2712**
Stddev	.0016098	.000929	.005380	.004091	.0010303	.2426
%RSD	2.175767	3.104575	.4718496	6.750247	20.83936	.1921463
#1	.0740105	-.030215	1.145494	-.055917	.0039612	126.5093
#2	.0755830	-.028868	1.134741	-.062479	.0060160	126.0243
#3	.0723638	-.030648	1.140451	-.063431	.0048547	126.2800

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.9354885**	**.0084923**	**.0181107**	**619.0527**	**.2706707**	**.1413669**
Stddev	.0027228	.0001354	.0000698	.8150	.0012832	.0003385
%RSD	.2910547	1.594415	.3854306	.1316497	.4740809	.2394141
#1	.9386098	.0083954	.0181800	619.0128	.2706235	.1417277
#2	.9336008	.0084344	.0181116	618.2585	.2694117	.1410565
#3	.9342550	.0086470	.0180404	619.8870	.2719768	.1413164

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.6309448**	**227.8907**	**3.668576**	**116.1946**	**.3283194**	**-.005216**
Stddev	.0012360	1.0312	.009899	.4171	.0006674	.000302
%RSD	.1958960	.4524764	.2698395	.3589299	.2032907	5.781355
#1	.6319260	227.3324	3.658038	115.7183	.3290899	-.005229
#2	.6313517	229.0806	3.670010	116.3708	.3279525	-.004909
#3	.6295566	227.2591	3.677680	116.4946	.3279159	-.005511

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**7.434629**	**.5199193**	**1.186489**	**15.92563**	**.1043900**	**.0164930**
Stddev	.052250	.0028229	.008052	.11834	.0061527	.0004166
%RSD	.7027961	.5429537	.6786709	.7430775	5.893920	2.526114
#1	7.474514	.5176477	1.195115	16.01685	.1086291	.0166921
#2	7.453892	.5230796	1.185184	15.96814	.1072078	.0160142
#3	7.375482	.5190304	1.179169	15.79191	.0973330	.0167727

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2176-04 Acquired: 6/10/2025 20:55:54 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0386156	6.856480	F 15.73306	7.044120	F 24.89765	.3523623
Stddev	.0010441	.004697	.06032	.013814	.07232	.0021237
%RSD	2.703943	.0684985	.3833915	.1961109	.2904494	.6027148
#1	.0393162	6.860486	15.76273	7.058947	24.98114	.3529167
#2	.0391151	6.851311	15.77281	7.031612	24.85455	.3541539
#3	.0374155	6.857644	15.66366	7.041800	24.85726	.3500164

Elem	Sr4077
Units	ppm
Avg	2.001829
Stddev	.004716
%RSD	.2356064
#1	1.998581
#2	1.999668
#3	2.007239

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3179.194	75100.77	12701.59	2376.389	3582.230
Stddev	24.948	331.76	11.55	33.434	15.850
%RSD	.7847203	.4417541	.0909610	1.406929	.4424747
#1	3204.610	74988.77	12708.27	2348.769	3598.176
#2	3154.742	74839.50	12708.25	2366.840	3566.477
#3	3178.231	75474.03	12688.25	2413.559	3582.038

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2176-05 Acquired: 6/10/2025 21:00:14 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0406706	-.002564	.1915634	-.055625	-.010339	113.4580
Stddev	.0012262	.001830	.0006787	.005380	.001370	.4926
%RSD	3.014849	71.40009	.3542927	9.672696	13.24761	.4342086
#1	.0392976	-.004026	.1907813	-.061271	-.011486	113.5528
#2	.0416564	-.000511	.1919974	-.050556	-.010708	113.8964
#3	.0410578	-.003154	.1919115	-.055050	-.008822	112.9249

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4317994	.0100356	.0112084	4.072673	.0839703	.0715603
Stddev	.0016112	.0000902	.0002195	.019944	.0004015	.0006658
%RSD	.3731306	.8988242	1.958220	.4896954	.4781303	.9304337
#1	.4321059	.0099329	.0112289	4.074250	.0838436	.0714785
#2	.4332352	.0100714	.0114170	4.091782	.0844199	.0722633
#3	.4300569	.0101023	.0109794	4.051988	.0836475	.0709392

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0614847	268.3295	1.666492	4.586068	.0713042	-.002667
Stddev	.0006159	1.3828	.006018	.038501	.0008576	.000653
%RSD	1.001773	.5153397	.3611422	.8395234	1.202689	24.49361
#1	.0614103	269.9168	1.673295	4.630524	.0722194	-.002023
#2	.0609094	267.3856	1.664320	4.564001	.0705192	-.003329
#3	.0621345	267.6861	1.661861	4.563677	.0711740	-.002647

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.787984	.2477894	.2120811	2.318611	-.183848	-.001244
Stddev	.012428	.0010314	.0001477	.007523	.006845	.000262
%RSD	.4457574	.4162600	.0696394	.3244631	3.723282	21.04122
#1	2.791831	.2489712	.2120454	2.318843	-.179072	-.001314
#2	2.798033	.2470707	.2122434	2.326016	-.191690	-.000955
#3	2.774088	.2473262	.2119545	2.310976	-.180781	-.001464

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2176-05 Acquired: 6/10/2025 21:00:14 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0176367	2.530457	F 20.37210	2.575651	1.388528	.1310099
Stddev	.0006612	.009466	.08455	.009781	.011185	.0013007
%RSD	3.748991	.3740998	.4150146	.3797592	.8055163	.9927888
#1	.0183996	2.535462	20.46743	2.585728	1.395320	.1323365
#2	.0172284	2.536369	20.30621	2.566195	1.375619	.1297368
#3	.0172822	2.519538	20.34266	2.575030	1.394645	.1309564

Elem	Sr4077
Units	ppm
Avg	-.227977
Stddev	.001299
%RSD	.5697362
#1	-.229441
#2	-.226961
#3	-.227530

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3760.345	88125.43	14406.12	2821.704	4372.632
Stddev	8.270	276.22	65.20	34.941	8.596
%RSD	.2199160	.3134435	.4526051	1.238309	.1965825
#1	3752.075	87845.90	14360.22	2787.873	4365.566
#2	3760.346	88132.17	14377.39	2819.580	4370.129
#3	3768.614	88398.22	14480.76	2857.659	4382.202

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: CCV07 Acquired: 6/10/2025 21:04:20 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCV07 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**5.225627**	**5.091428**	**5.206244**	**5.231881**	**5.156105**	**10.10192**	**10.10907**
Stddev	.005550	.028452	.014155	.021208	.014876	.11583	.16842
%RSD	.1062031	.5588247	.2718904	.4053536	.2885206	1.146611	1.666009
#1	5.223021	5.124125	5.208462	5.209632	5.147602	10.17619	10.18332
#2	5.221860	5.077853	5.219159	5.234147	5.147432	10.16110	10.22761
#3	5.232001	5.072305	5.191111	5.251865	5.173283	9.96845	9.91629

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2611297**	**2.600013**	**25.61400**	**1.053395**	**2.585074**	**1.273624**	**5.186848**
Stddev	.0030951	.010755	.20328	.001488	.004171	.004380	.021746
%RSD	1.185267	.4136541	.7936158	.1412911	.1613457	.3438708	.4192602
#1	.2631704	2.603239	25.76865	1.052875	2.588610	1.270738	5.182219
#2	.2626503	2.608786	25.68958	1.052237	2.586137	1.271470	5.167789
#3	.2575685	2.588014	25.38376	1.055074	2.580474	1.278663	5.210536

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.549310**	**25.41223**	**2.592514**	**1.281617**	**23.54572**	**2.593018**	**2.542837**
Stddev	.024343	.17832	.007344	.001768	.10866	.018299	.002354
%RSD	.9548823	.7016950	.2832793	.1379827	.4614849	.7057148	.0925541
#1	2.570288	25.54333	2.597166	1.283473	23.67106	2.605595	2.545039
#2	2.555023	25.48418	2.596329	1.279951	23.47809	2.601434	2.540357
#3	2.522619	25.20918	2.584048	1.281427	23.48801	2.572025	2.543115

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**23.61291**	**5.068904**	**5.211000**	**5.258800**	**5.177655**	**5.131388**	**5.340030**
Stddev	.00625	.060941	.013575	.017424	.053311	.043250	.008482
%RSD	.0264513	1.202250	.2605120	.3313283	1.029630	.8428423	.1588367
#1	23.61829	5.112850	5.204731	5.272028	5.220370	5.089918	5.337677
#2	23.60606	5.094526	5.201693	5.265314	5.194686	5.128025	5.349440
#3	23.61437	4.999335	5.226577	5.239057	5.117910	5.176220	5.332973

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: CCV07 Acquired: 6/10/2025 21:04:20 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCV07 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	**5.070731**	**4.649337**	**5.151090**
Stddev	.009834	.071422	.057205
%RSD	.1939426	1.536176	1.110547
#1	5.078886	4.716236	5.208126
#2	5.073499	4.657653	5.151427
#3	5.059810	4.574120	5.093717

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3283.943**	**75987.16**	**11932.51**	**2418.831**	**4344.245**
Stddev	28.264	128.92	120.72	12.459	23.630
%RSD	.8606711	.1696645	1.011656	.5151010	.5439301
#1	3291.709	76066.71	11854.20	2430.822	4344.337
#2	3307.512	76056.36	11871.80	2419.721	4367.828
#3	3252.608	75838.42	12071.53	2405.950	4320.569

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: CCB07 Acquired: 6/10/2025 21:08:31 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCB07 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015967	-.001079	-.000341	.0006459	.0009241	.0053663	-.002216
Stddev	.0002475	.000861	.000343	.0009547	.0013473	.0007281	.000902
%RSD	15.49786	79.77531	100.4023	147.7995	145.7967	13.56851	40.70370
#1	.0014233	-.000878	-.000086	.0017091	.0024118	.0048732	-.002446
#2	.0018800	-.002023	-.000731	-.000138	.0005743	.0062026	-.002981
#3	.0014867	-.000337	-.000207	.000367	-.000214	.0050231	-.001222

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000202	.0000616	.0097049	.0002824	.0001483	-.000084	.0067231
Stddev	.0000147	.0000779	.0009952	.0004822	.0000750	.000221	.0024445
%RSD	72.92322	126.2955	10.25489	170.7787	50.59932	264.3414	36.35974
#1	.0000036	-.000018	.0097631	-.000268	.0002345	-.000267	.0039258
#2	.0000254	.000137	.0086818	.000633	.0001129	.000162	.0077947
#3	.0000316	.000066	.0106697	.000481	.0000975	-.000145	.0084487

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003688	-.003490	.0000410	-.000172	-.127466	-.000499	-.000074
Stddev	.0001097	.007189	.0002605	.000147	.005071	.000613	.000351
%RSD	29.75235	205.9922	634.8649	85.80799	3.978438	123.0109	473.2205
#1	.0003581	.004502	.0003087	-.000002	-.121643	-.000164	-.000314
#2	.0002648	-.005542	.0000262	-.000269	-.129846	-.001206	-.000238
#3	.0004834	-.009430	-.000212	-.000244	-.130910	-.000125	.000329

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.017857	.0061847	.0006950	.0005890	.0006194	.0070587	-.001083
Stddev	.002490	.0004595	.0000474	.0005386	.0004131	.0020395	.002561
%RSD	13.94625	7.428940	6.819363	91.43677	66.69963	28.89343	236.4271
#1	-.015748	.0067095	.0007425	.0000900	.0010165	.0086210	-.003323
#2	-.017218	.0059896	.0006947	.0005171	.0001919	.0047514	.001709
#3	-.020604	.0058550	.0006478	.0011600	.0006498	.0078037	-.001635

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: CCB07 Acquired: 6/10/2025 21:08:31 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCB07 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0005347	-.001624	.0002092
Stddev	.0013378	.001363	.0000236
%RSD	250.2032	83.93300	11.26976
#1	.0013078	-.000076	.0002254
#2	.0013063	-.002151	.0002201
#3	-.001010	-.002643	.0001822

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3488.435	79822.21	12122.34	2592.560	4978.521
Stddev	47.645	190.45	32.65	17.992	39.134
%RSD	1.365808	.2385875	.2693250	.6939995	.7860496
#1	3528.511	79726.00	12141.35	2592.392	5009.770
#2	3435.755	79699.06	12141.02	2574.651	4934.629
#3	3501.038	80041.57	12084.64	2610.635	4991.164

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2176-06 Acquired: 6/10/2025 21:12:51 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0327630	-.013387	.0694564	-.029060	-.005306	181.0907
Stddev	.0025453	.001131	.0008707	.003539	.001566	.4581
%RSD	7.768781	8.448689	1.253576	12.17881	29.51999	.2529862
#1	.0356951	-.013436	.0691864	-.033142	-.005815	180.6682
#2	.0314718	-.014492	.0687527	-.026839	-.003548	181.0263
#3	.0311221	-.012232	.0704301	-.027200	-.006554	181.5777

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1793058	.0108402	.0076343	3.469552	.1142597	.0873343
Stddev	.0007604	.0001519	.0002089	.020724	.0003128	.0000386
%RSD	.4241098	1.401027	2.736155	.5973150	.2738023	.0441764
#1	.1794114	.0108333	.0073944	3.467035	.1142374	.0873564
#2	.1784981	.0106918	.0077753	3.450202	.1139586	.0873568
#3	.1800080	.0109953	.0077333	3.491420	.1145831	.0872898

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0737731	176.4121	1.691088	6.858150	.1052284	-.003733
Stddev	.0002078	.5393	.004640	.023765	.0009964	.000575
%RSD	.2816283	.3056964	.2744091	.3465206	.9469146	15.40349
#1	.0735353	177.0035	1.692104	6.885588	.1063717	-.003665
#2	.0738648	176.2855	1.686024	6.844824	.1047687	-.004339
#3	.0739193	175.9474	1.695137	6.844039	.1045449	-.003195

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.163248	.2323124	.2444780	2.316068	-.177976	.0004888
Stddev	.010486	.0005057	.0008125	.019476	.004881	.0002816
%RSD	.4847313	.2176750	.3323362	.8408998	2.742745	57.60475
#1	2.172955	.2328421	.2440113	2.300049	-.174146	.0002040
#2	2.164661	.2318347	.2440065	2.337747	-.176311	.0004953
#3	2.152126	.2322604	.2454162	2.310407	-.183473	.0007670

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2176-06 Acquired: 6/10/2025 21:12:51 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0105461	3.083379	F 14.71907	2.912419	.4284511	.1083709
Stddev	.0004731	.002753	.04437	.011857	.0041762	.0002314
%RSD	4.486032	.0892896	.3014571	.4071152	.9747176	.2135266
#1	.0110348	3.083379	14.74851	2.923159	.4329299	.1081268
#2	.0100903	3.080626	14.74066	2.914402	.4246638	.1085871
#3	.0105132	3.086132	14.66803	2.899696	.4277596	.1083987

Elem	Sr4077
Units	ppm
Avg	-.154980
Stddev	.000517
%RSD	.3333310
#1	-.155528
#2	-.154910
#3	-.154502

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3535.735	81916.00	12802.88	2666.015	4293.566
Stddev	53.371	293.40	21.23	7.985	40.972
%RSD	1.509480	.3581748	.1658213	.2995151	.9542716
#1	3596.566	81840.93	12812.18	2664.659	4340.172
#2	3513.874	81667.42	12817.87	2658.794	4277.307
#3	3496.765	82239.64	12778.58	2674.591	4263.218

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2176-07 Acquired: 6/10/2025 21:16:57 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0569834	-.008811	.1134759	-.031230	-.007435	124.0577
Stddev	.0039776	.003123	.0027520	.002453	.000615	.3588
%RSD	6.980258	35.44246	2.425154	7.855529	8.266155	.2892069
#1	.0614106	-.006468	.1159070	-.029684	-.007366	124.1706
#2	.0558288	-.012356	.1104882	-.029948	-.008081	123.6561
#3	.0537109	-.007608	.1140324	-.034059	-.006857	124.3464

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4489195	.0090460	.0099113	6.605722	.1357941	.0574905
Stddev	.0027981	.0001220	.0000149	.029915	.0004428	.0003961
%RSD	.6233014	1.348292	.1504664	.4528634	.3260998	.6890611
#1	.4513672	.0089069	.0098964	6.575287	.1363006	.0576898
#2	.4458691	.0090962	.0099262	6.606791	.1356016	.0577473
#3	.4495220	.0091348	.0099114	6.635088	.1354801	.0570342

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0630054	201.0076	1.007059	9.513991	.0898135	-.000608
Stddev	.0009637	.8989	.006316	.123312	.0002781	.000156
%RSD	1.529581	.4471849	.6271648	1.296110	.3096330	25.71320
#1	.0640837	200.0270	1.000168	9.371736	.0901037	-.000716
#2	.0622283	201.7924	1.008436	9.590462	.0897873	-.000429
#3	.0627041	201.2035	1.012573	9.579774	.0895494	-.000680

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.30561	.3068659	.2338176	3.750111	-.113580	.0018270
Stddev	.08660	.0031365	.0008203	.027527	.002102	.0003853
%RSD	.7659616	1.022097	.3508260	.7340369	1.850322	21.09137
#1	11.39888	.3036902	.2333702	3.776710	-.113024	.0022697
#2	11.22776	.3069458	.2333182	3.721741	-.111812	.0015670
#3	11.29021	.3099616	.2347643	3.751881	-.115903	.0016443

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2176-07 Acquired: 6/10/2025 21:16:57 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0104653	2.088290	F 18.81541	2.922411	.2443679	.1365412
Stddev	.0010080	.006110	.02763	.024822	.0028374	.0006058
%RSD	9.632103	.2925926	.1468211	.8493835	1.161097	.4436638
#1	.0105380	2.087976	18.78408	2.938487	.2474892	.1371518
#2	.0094229	2.082344	18.83625	2.934924	.2436698	.1359403
#3	.0114351	2.094552	18.82591	2.893822	.2419448	.1365314

Elem	Sr4077
Units	ppm
Avg	-.113705
Stddev	.001109
%RSD	.9751936
#1	-.112576
#2	-.114793
#3	-.113747

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3926.818	92795.82	15471.23	2973.402	4326.045
Stddev	37.659	113.25	42.78	3.059	27.531
%RSD	.9590116	.1220375	.2765040	.1028933	.6363948
#1	3951.923	92710.00	15513.70	2974.271	4341.392
#2	3945.015	92753.27	15471.85	2975.934	4342.481
#3	3883.517	92924.17	15428.15	2970.003	4294.261

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2176-08 Acquired: 6/10/2025 21:32:14 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0415097	-.006221	.3691787	-.027031	-.002533	75.65424
Stddev	.0020083	.001307	.0015894	.001253	.001771	.15140
%RSD	4.838093	21.01702	.4305279	4.635202	69.92274	.2001157
#1	.0417560	-.007609	.3682871	-.027973	-.004346	75.82828
#2	.0433834	-.005012	.3710138	-.025609	-.000808	75.55298
#3	.0393896	-.006042	.3682353	-.027510	-.002444	75.58147

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4221080	.0096575	.0043207	66.69852	.1846551	.0406177
Stddev	.0008087	.0000696	.0002020	.37028	.0000930	.0002695
%RSD	.1915894	.7204799	4.675035	.5551506	.0503937	.6634347
#1	.4213534	.0097320	.0045525	66.44199	.1845657	.0404221
#2	.4220090	.0096463	.0041822	66.53055	.1846481	.0409251
#3	.4229617	.0095942	.0042274	67.12301	.1847514	.0405060

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0931009	121.7148	.6091754	29.56890	.0647268	-.003351
Stddev	.0004687	1.1696	.0051066	.25223	.0005764	.000448
%RSD	.5034809	.9609246	.8382771	.8530260	.8905625	13.37423
#1	.0935336	120.5393	.6047102	29.38408	.0641088	-.003851
#2	.0931662	121.7268	.6080729	29.46637	.0648219	-.002984
#3	.0926030	122.8784	.6147432	29.85625	.0652498	-.003219

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.104731	.3161440	.2476641	4.281281	-.087270	.0005292
Stddev	.027801	.0010551	.0005110	.026491	.005955	.0003419
%RSD	.6773035	.3337482	.2063493	.6187745	6.823439	64.60841
#1	4.079100	.3170670	.2475181	4.250805	-.094144	.0001371
#2	4.134286	.3149938	.2482322	4.294246	-.083981	.0007652
#3	4.100805	.3163712	.2472419	4.298794	-.083686	.0006853

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2176-08 Acquired: 6/10/2025 21:32:14 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0063244	1.594594	F 20.23074	2.592298	.8330462	.0867575
Stddev	.0000821	.005425	.11594	.008113	.0043169	.0026495
%RSD	1.297965	.3401912	.5730756	.3129723	.5182116	3.053908
#1	.0062589	1.588497	20.11158	2.583046	.8320411	.0839421
#2	.0062977	1.596396	20.23747	2.595650	.8377770	.0892020
#3	.0064164	1.598888	20.34316	2.598198	.8293204	.0871284

Elem	Sr4077
Units	ppm
Avg	.0631888
Stddev	.0012754
%RSD	2.018398
#1	.0641987
#2	.0636121
#3	.0617556

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3274.281	77023.82	12464.64	2430.287	4216.148
Stddev	38.882	244.33	36.21	12.083	41.187
%RSD	1.187486	.3172108	.2904748	.4971935	.9768957
#1	3229.538	77248.26	12445.83	2442.656	4168.789
#2	3299.869	77059.64	12506.38	2429.693	4243.597
#3	3293.436	76763.56	12441.70	2418.512	4236.060

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2177-02 Acquired: 6/10/2025 21:36:25 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0243893	-.058688	2.435932	-.064695	.0058178	165.8065
Stddev	.0031045	.001053	.010948	.008852	.0005043	.2314
%RSD	12.72903	1.794641	.4494277	13.68276	8.667593	.1395899
#1	.0248388	-.059217	2.424206	-.059363	.0053054	165.5779
#2	.0210845	-.057476	2.437703	-.059810	.0063136	166.0407
#3	.0272445	-.059373	2.445886	-.074914	.0058345	165.8009

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.117016	.0096274	.0194848	129.9728	.3679003	.2193692
Stddev	.001835	.0000200	.0002581	.7763	.0010601	.0006348
%RSD	.0866860	.2077256	1.324621	.5973054	.2881434	.2893685
#1	2.114949	.0096052	.0195675	130.8169	.3685436	.2188806
#2	2.117642	.0096439	.0196913	129.8123	.3666768	.2200867
#3	2.118456	.0096332	.0191954	129.2893	.3684805	.2191404

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5982475	311.3933	2.261480	100.1704	.4455972	-.004769
Stddev	.0004489	2.1818	.014371	.6132	.0008574	.000249
%RSD	.0750400	.7006629	.6354836	.6122045	.1924075	5.214532
#1	.5987327	313.8766	2.277696	100.8473	.4452796	-.004535
#2	.5981628	310.5196	2.256421	100.0118	.4449440	-.004741
#3	.5978469	309.7838	2.250322	99.6520	.4465681	-.005030

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.398390	.4699153	1.568136	122.5766	-.260050	.0147430
Stddev	.022733	.0031403	.006354	.0849	.005026	.0003822
%RSD	.3552935	.6682659	.4051692	.0693001	1.932819	2.592361
#1	6.373209	.4735239	1.561977	122.4980	-.255199	.0147081
#2	6.404557	.4684192	1.574668	122.6668	-.265235	.0143795
#3	6.417402	.4678029	1.567762	122.5650	-.259714	.0151415

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2177-02 Acquired: 6/10/2025 21:36:25 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0725334	17.70927	F 15.38054	12.35517	19.62393	.4657616
Stddev	.0006971	.04286	.03789	.03493	.03714	.0022350
%RSD	.9611111	.2420065	.2463662	.2826985	.1892760	.4798666
#1	.0722046	17.74852	15.41200	12.32311	19.60643	.4676476
#2	.0733342	17.71576	15.39115	12.35003	19.66659	.4632930
#3	.0720615	17.66354	15.33847	12.39239	19.59878	.4663443

Elem	Sr4077
Units	ppm
Avg	.0870420
Stddev	.0022868
%RSD	2.627197
#1	.0844024
#2	.0883000
#3	.0884236

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3253.997	75843.08	12729.95	2362.215	3803.312
Stddev	20.707	129.86	18.61	17.269	17.083
%RSD	.6363652	.1712267	.1462200	.7310404	.4491536
#1	3232.131	75974.19	12743.91	2381.088	3783.755
#2	3256.551	75714.50	12708.82	2347.205	3810.859
#3	3273.309	75840.56	12737.12	2358.352	3815.321

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2177-04 Acquired: 6/10/2025 21:40:28 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0133753	-.009230	.0596664	-.024033	-.002896	79.52309
Stddev	.0007415	.002092	.0007009	.008170	.003132	.12143
%RSD	5.544134	22.66393	1.174711	33.99450	108.1498	.1527030
#1	.0127344	-.006837	.0590015	-.028083	.000422	79.62953
#2	.0141875	-.010707	.0595994	-.029387	-.003308	79.39082
#3	.0132041	-.010148	.0603984	-.014629	-.005802	79.54893

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0715617	.0038832	.0024779	5.682934	.1155293	.0458713
Stddev	.0003571	.0000648	.0000995	.030514	.0008755	.0001591
%RSD	.4989667	1.669036	4.014513	.5369388	.7578453	.3468328
#1	.0713461	.0039382	.0024594	5.652328	.1164469	.0458892
#2	.0713652	.0038996	.0025853	5.713355	.1154382	.0457040
#3	.0719739	.0038117	.0023889	5.683120	.1147029	.0460206

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0913739	132.6007	.8775373	21.05585	.1111100	-.000705
Stddev	.0006597	.8314	.0017023	.11638	.0004010	.000538
%RSD	.7220055	.6270113	.1939818	.5527362	.3608776	76.34959
#1	.0917825	131.6958	.8783749	20.93534	.1106481	-.001261
#2	.0906128	133.3308	.8786584	21.16762	.1113691	-.000186
#3	.0917264	132.7755	.8755785	21.06458	.1113128	-.000670

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.752283	.1314786	.2646149	4.738851	-.075673	.0014991
Stddev	.016546	.0004738	.0013648	.019376	.002502	.0002955
%RSD	.3481779	.3603246	.5157552	.4088787	3.305844	19.70971
#1	4.744849	.1310904	.2659543	4.753778	-.077456	.0016186
#2	4.740757	.1313388	.2646643	4.745821	-.076750	.0017161
#3	4.771242	.1320065	.2632261	4.716954	-.072813	.0011626

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2177-04 Acquired: 6/10/2025 21:40:28 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0080141	3.103803	F 19.14272	1.453076	F 56.86080	.1471498
Stddev	.0002182	.000244	.07426	.001675	.19239	.0010601
%RSD	2.723010	.0078685	.3879506	.1152429	.3383455	.7204120
#1	.0082659	3.103605	19.05902	1.452821	56.65284	.1481223
#2	.0078792	3.103728	19.20072	1.451544	56.89715	.1473073
#3	.0078973	3.104075	19.16841	1.454864	57.03242	.1460198

Elem	Sr4077
Units	ppm
Avg	-.069609
Stddev	.000898
%RSD	1.290433
#1	-.068671
#2	-.070461
#3	-.069695

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3278.010	76656.54	12606.37	2449.972	4381.937
Stddev	11.129	129.91	18.29	7.283	8.245
%RSD	.3394954	.1694665	.1450715	.2972573	.1881681
#1	3266.816	76805.87	12585.54	2457.402	4374.589
#2	3289.073	76569.59	12619.78	2442.847	4390.855
#3	3278.142	76594.15	12613.80	2449.667	4380.368

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2177-04DUP Acquired: 6/10/2025 21:44:35 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0116934	-.008697	.0619875	-.020860	-.000590	81.54005
Stddev	.0008138	.001573	.0025965	.001201	.001241	.12423
%RSD	6.959866	18.08947	4.188733	5.756319	210.4610	.1523578
#1	.0114130	-.010068	.0593467	-.019571	.000535	81.46676
#2	.0126103	-.009044	.0620786	-.021947	-.001921	81.68349
#3	.0110568	-.006980	.0645372	-.021061	-.000382	81.46990

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0803667	.0040039	.0027020	5.938490	.1190978	.0473543
Stddev	.0002480	.0001298	.0001703	.043803	.0005330	.0000249
%RSD	.3085786	3.242074	6.302901	.7376146	.4475447	.0525605
#1	.0801498	.0038730	.0028540	5.891841	.1185430	.0473522
#2	.0803132	.0040059	.0025179	5.944885	.1191444	.0473801
#3	.0806371	.0041326	.0027341	5.978744	.1196060	.0473304

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0924682	132.9770	.8987611	21.81652	.1127881	-.001128
Stddev	.0001288	.1802	.0054862	.17008	.0005334	.000379
%RSD	.1392495	.1355352	.6104136	.7795967	.4729113	33.61853
#1	.0925066	132.9530	.8925249	21.62405	.1122635	-.000964
#2	.0925734	132.8099	.9009149	21.87894	.1133299	-.000858
#3	.0923246	133.1679	.9028436	21.94657	.1127707	-.001561

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.768630	.1381016	.2695821	4.977769	-.084159	.0016989
Stddev	.017966	.0011205	.0006785	.014878	.001801	.0002104
%RSD	.3767446	.8113338	.2516851	.2988853	2.140447	12.38609
#1	4.776662	.1368787	.2690726	4.989393	-.083791	.0018435
#2	4.781177	.1383473	.2693213	4.982913	-.082571	.0017958
#3	4.748049	.1390789	.2703523	4.961002	-.086117	.0014575

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2177-04DUP Acquired: 6/10/2025 21:44:35 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0081361	3.237705	F 18.95408	1.504840	F 56.99226	.1507522
Stddev	.0011634	.013882	.03657	.005418	.24413	.0020175
%RSD	14.29915	.4287608	.1929320	.3600620	.4283488	1.338299
#1	.0068178	3.221920	18.99213	1.498748	56.73596	.1499987
#2	.0085716	3.243179	18.95090	1.506654	57.01876	.1530381
#3	.0090189	3.248015	18.91920	1.509119	57.22205	.1492199

Elem	Sr4077
Units	ppm
Avg	-.067704
Stddev	.000224
%RSD	.3309012
#1	-.067829
#2	-.067445
#3	-.067837

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3365.813	78412.82	12608.28	2511.284	4460.158
Stddev	40.478	183.89	55.39	12.376	37.818
%RSD	1.202624	.2345092	.4393503	.4928094	.8479027
#1	3319.874	78203.98	12671.33	2497.575	4416.994
#2	3396.244	78550.45	12586.12	2514.644	4487.473
#3	3381.322	78484.03	12567.41	2521.633	4476.006

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2177-04LX5 Acquired: 6/10/2025 21:48:42 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0040408**	**-.002889**	**.0122148**	**-.005202**	**.0007465**	**15.61426**	**.0116157**
Stddev	.0007838	.002271	.0014833	.000973	.0005966	.02128	.0001642
%RSD	19.39831	78.58679	12.14311	18.70959	79.91764	.1363137	1.413656
#1	.0038425	-.004946	.0139272	-.004742	.0011846	15.63008	.0116150
#2	.0049047	-.000453	.0113295	-.004544	.0000670	15.62263	.0117803
#3	.0033751	-.003270	.0113878	-.006320	.0009879	15.59006	.0114519

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0007382**	**.0000024**	**1.142610**	**.0234691**	**.0090314**	**.0185744**	**27.61907**
Stddev	.0000275	.0000311	.002779	.0001976	.0001706	.0003888	.07806
%RSD	3.721200	1274.253	.2432450	.8417413	1.888453	2.092974	.2826280
#1	.0007596	.0000097	1.145782	.0235171	.0089746	.0189859	27.53322
#2	.0007479	-.000032	1.140601	.0236383	.0092232	.0185240	27.63821
#3	.0007072	.000029	1.141447	.0232520	.0088966	.0182133	27.68577

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1789141**	**4.190349**	**.0214048**	**.0003532**	**.8685785**	**.0258531**	**.0526377**
Stddev	.0007641	.032840	.0002735	.0000916	.0144498	.0013533	.0005490
%RSD	.4270608	.7837167	1.277691	25.92941	1.663610	5.234727	1.043005
#1	.1791654	4.181818	.0211078	.0004541	.8751988	.0273708	.0532038
#2	.1795209	4.226614	.0216463	.0002754	.8520047	.0254166	.0521076
#3	.1780560	4.162616	.0214603	.0003301	.8785319	.0247718	.0526017

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.9063765**	**-.009215**	**.0003031**	**.0005822**	**.6224190**	**3.844743**	**.2795630**
Stddev	.0097171	.000601	.0001597	.0003566	.0030213	.012498	.0045592
%RSD	1.072084	6.525800	52.68474	61.24659	.4854050	.3250640	1.630831
#1	.8952660	-.008897	.0002586	.0006751	.6234228	3.840619	.2749824
#2	.9105758	-.009908	.0001704	.0001884	.6248105	3.858781	.2796060
#3	.9132879	-.008839	.0004804	.0008832	.6190236	3.834828	.2841005

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2177-04LX5 Acquired: 6/10/2025 21:48:42 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	11.30319	.0299630	-.014812
Stddev	.07439	.0007352	.000112
%RSD	.6581533	2.453751	.7594788
#1	11.22251	.0295702	-.014745
#2	11.31799	.0295076	-.014750
#3	11.36907	.0308112	-.014942

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3379.738	77308.25	13038.04	2489.725	4673.968
Stddev	41.840	160.90	50.79	4.157	38.125
%RSD	1.237971	.2081241	.3895187	.1669693	.8156935
#1	3338.060	77492.59	13024.52	2493.978	4636.600
#2	3379.416	77236.15	12995.38	2489.526	4672.497
#3	3421.739	77196.02	13094.22	2485.670	4712.807

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2177-04MS Acquired: 6/10/2025 21:52:56 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7792662	1.841790	1.014979	1.834443	.3298878	108.8177
Stddev	.0059023	.019560	.003255	.002084	.0006974	.4402
%RSD	.7574213	1.062008	.3206958	.1135889	.2114182	.4045589
#1	.7730179	1.862326	1.013518	1.833913	.3305956	108.7272
#2	.7847477	1.839664	1.012711	1.836741	.3292012	109.2961
#3	.7800329	1.823380	1.018709	1.832676	.3298668	108.4297

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2790960	.2041696	.2042796	8.610725	.5333258	.2609673
Stddev	.0009330	.0004917	.0003267	.036239	.0000460	.0011459
%RSD	.3342865	.2408068	.1599395	.4208614	.0086236	.4390995
#1	.2786602	.2036044	.2041244	8.638171	.5333179	.2598446
#2	.2801671	.2044058	.2040594	8.569646	.5333752	.2609222
#3	.2784606	.2044986	.2046550	8.624357	.5332842	.2621351

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3970167	154.1910	1.214078	28.45803	.6403091	.0708263
Stddev	.0002765	.7834	.003445	.08938	.0014834	.0002721
%RSD	.0696341	.5080983	.2837233	.3140636	.2316722	.3841828
#1	.3970742	155.0687	1.212663	28.52651	.6400805	.0711404
#2	.3967161	153.5623	1.211567	28.49067	.6389532	.0706610
#3	.3972599	153.9421	1.218005	28.35693	.6418935	.0706776

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.412462	.4530343	.5212668	14.37928	.1390686	.3922452
Stddev	.003286	.0013514	.0012586	.04571	.0034541	.0013624
%RSD	.0390623	.2983081	.2414463	.3178951	2.483727	.3473291
#1	8.415816	.4542971	.5215623	14.40355	.1425294	.3925090
#2	8.409248	.4516090	.5223513	14.40774	.1356213	.3934563
#3	8.412320	.4531968	.5198867	14.32656	.1390551	.3907702

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2177-04MS Acquired: 6/10/2025 21:52:56 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6796738	3.744199	F 19.74944	7.489233	F 68.42767	.3591900
Stddev	.0011200	.005881	.08268	.004805	.08017	.0019004
%RSD	.1647904	.1570674	.4186437	.0641562	.1171564	.5290673
#1	.6791252	3.743082	19.82811	7.494278	68.51743	.3570950
#2	.6789338	3.750558	19.75693	7.488708	68.40240	.3596725
#3	.6809624	3.738957	19.66326	7.484711	68.36319	.3608027

Elem	Sr4077
Units	ppm
Avg	.1205735
Stddev	.0013792
%RSD	1.143898
#1	.1191397
#2	.1218908
#3	.1206900

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3324.634	76796.73	12213.10	2427.861	4319.831
Stddev	12.889	278.88	8.72	14.511	6.923
%RSD	.3876780	.3631369	.0714382	.5976947	.1602606
#1	3324.390	76482.85	12208.95	2411.111	4322.567
#2	3311.868	76891.37	12207.22	2435.835	4311.958
#3	3337.642	77015.97	12223.13	2436.637	4324.969

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2177-04MSD Acquired: 6/10/2025 21:56:54 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.7915896**	**1.856256**	**1.057211**	**1.860034**	**.2994908**	**132.0384**
Stddev	.0021906	.009842	.001478	.005553	.0036732	.2595
%RSD	.2767319	.5302308	.1397689	.2985580	1.226473	.1965379
#1	.7938835	1.856961	1.056026	1.853858	.2987636	131.7407
#2	.7913657	1.846080	1.058866	1.864615	.2962356	132.2166
#3	.7895195	1.865727	1.056740	1.861629	.3034732	132.1579

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3247663**	**.1962445**	**.2055433**	**11.88480**	**.5664297**	**.2747317**
Stddev	.0005260	.0012239	.0002922	.04636	.0022777	.0007321
%RSD	.1619683	.6236711	.1421438	.3900411	.4021169	.2664790
#1	.3242587	.1949145	.2058169	11.86874	.5638762	.2747614
#2	.3253090	.1973234	.2052356	11.93705	.5671607	.2754484
#3	.3247313	.1964957	.2055774	11.84861	.5682522	.2739851

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4265401**	**186.8246**	**1.344042**	**33.26189**	**.6764332**	**.0747728**
Stddev	.0002832	.9429	.003055	.14410	.0005759	.0004618
%RSD	.0663960	.5046837	.2273054	.4332334	.0851326	.6175465
#1	.4266217	187.4575	1.344044	33.31906	.6760385	.0750805
#2	.4267736	187.2752	1.347096	33.36863	.6770940	.0749961
#3	.4262250	185.7409	1.340986	33.09797	.6761671	.0742419

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**10.80398**	**.5096083**	**.5944579**	**17.12392**	**.1796681**	**.3935236**
Stddev	.00844	.0034070	.0046057	.05714	.0007159	.0006590
%RSD	.0781005	.6685549	.7747645	.3337027	.3984794	.1674520
#1	10.81182	.5112783	.5996738	17.18367	.1804300	.3939726
#2	10.80506	.5118581	.5927487	17.06979	.1790093	.3938311
#3	10.79505	.5056885	.5909511	17.11830	.1795651	.3927671

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2177-04MSD Acquired: 6/10/2025 21:56:54 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.6883402**	**4.508759**	F **23.11468**	**8.113497**	F **72.89355**	**.4239040**
Stddev	.0041738	.007216	.05943	.010993	.02370	.0016816
%RSD	.6063510	.1600437	.2571141	.1354951	.0325136	.3966963
#1	.6928555	4.503572	23.16974	8.120298	72.87277	.4231294
#2	.6875417	4.517000	23.12261	8.100815	72.91936	.4227493
#3	.6846233	4.505706	23.05168	8.119380	72.88851	.4258333

Elem	Sr4077
Units	ppm
Avg	**.1240792**
Stddev	.0012567
%RSD	1.012853
#1	.1230646
#2	.1236880
#3	.1254850

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3303.842**	**76475.44**	**12879.49**	**2437.898**	**4244.467**
Stddev	2.628	133.86	16.07	16.104	.889
%RSD	.0795512	.1750424	.1247873	.6605598	.0209450
#1	3306.707	76327.25	12897.42	2419.425	4244.487
#2	3303.277	76511.45	12866.38	2445.295	4245.347
#3	3301.542	76587.61	12874.68	2448.975	4243.569

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2177-04A Acquired: 6/10/2025 22:00:50 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7825240	1.850892	1.004508	1.857672	.7675574	81.10328
Stddev	.0012467	.002999	.001280	.002398	.0019083	.18565
%RSD	.1593158	.1620295	.1274318	.1291038	.2486248	.2289051
#1	.7831957	1.850272	1.003920	1.859810	.7680066	81.19407
#2	.7832908	1.854153	1.003626	1.858128	.7654646	81.22606
#3	.7810855	1.848252	1.005976	1.855079	.7692011	80.88971

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2618072	.1979006	.1983052	6.588198	.5155372	.2445015
Stddev	.0012224	.0007456	.0004015	.027661	.0009276	.0002763
%RSD	.4669291	.3767434	.2024898	.4198535	.1799265	.1130009
#1	.2620283	.1979336	.1984280	6.573100	.5164251	.2447834
#2	.2629040	.1986291	.1978566	6.620122	.5156121	.2442311
#3	.2604893	.1971391	.1986310	6.571371	.5145745	.2444900

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3789253	134.8808	1.060480	22.79082	.6052597	.0733321
Stddev	.0011744	.2801	.006433	.10864	.0003315	.0005852
%RSD	.3099298	.2076555	.6066511	.4766743	.0547648	.7980229
#1	.3799858	134.6270	1.059257	22.72255	.6051002	.0729167
#2	.3791270	135.1813	1.067437	22.91610	.6056408	.0740013
#3	.3776631	134.8342	1.054745	22.73381	.6050382	.0730781

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.528488	.4203268	.4604314	14.18764	.2097353	.3994239
Stddev	.019152	.0009129	.0021741	.02536	.0013600	.0009889
%RSD	.2543909	.2171780	.4721933	.1787503	.6484498	.2475897
#1	7.547358	.4197498	.4588920	14.21454	.2092288	.4004593
#2	7.509067	.4213793	.4629185	14.16417	.2112759	.3993233
#3	7.529038	.4198515	.4594837	14.18422	.2087012	.3984891

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2177-04A Acquired: 6/10/2025 22:00:50 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6838111	3.341634	F 22.53252	7.214818	F 56.76235	.3085723
Stddev	.0015734	.015532	.05416	.008745	.06335	.0019830
%RSD	.2300871	.4647992	.2403720	.1212101	.1115988	.6426242
#1	.6844993	3.344606	22.51261	7.206246	56.78560	.3103916
#2	.6820109	3.355464	22.49114	7.214482	56.69067	.3088667
#3	.6849231	3.324830	22.59383	7.223726	56.81079	.3064586

Elem	Sr4077
Units	ppm
Avg	.1205582
Stddev	.0011796
%RSD	.9784629
#1	.1216121
#2	.1207785
#3	.1192839

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3303.259	76316.54	12583.32	2472.902	4369.233
Stddev	16.725	138.81	31.29	7.956	14.611
%RSD	.5063146	.1818849	.2486898	.3217435	.3344156
#1	3286.507	76197.86	12574.01	2476.333	4354.659
#2	3303.315	76469.17	12557.73	2478.567	4369.157
#3	3319.956	76282.58	12618.20	2463.805	4383.882

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: CCV08 Acquired: 6/10/2025 22:04:46 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCV08 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**5.240537**	**5.011398**	**5.127015**	**5.284295**	**5.197287**	**10.14407**	**10.10315**
Stddev	.018107	.024961	.010222	.012818	.020402	.00566	.03864
%RSD	.3455158	.4980782	.1993765	.2425730	.3925423	.0558340	.3824355
#1	5.244038	5.015249	5.121147	5.281755	5.207531	10.14822	10.12436
#2	5.220935	5.034210	5.121079	5.272936	5.173793	10.13762	10.12654
#3	5.256637	4.984736	5.138818	5.298193	5.210536	10.14638	10.05855

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2622357**	**2.552500**	**25.35049**	**1.045718**	**2.558223**	**1.282322**	**5.137718**
Stddev	.0004686	.005794	.08463	.003028	.005092	.003225	.017507
%RSD	.1786986	.2269827	.3338547	.2895428	.1990487	.2514946	.3407641
#1	.2619597	2.547954	25.25286	1.045980	2.553866	1.283312	5.130556
#2	.2619705	2.550522	25.40298	1.042567	2.556981	1.278718	5.157671
#3	.2627767	2.559023	25.39564	1.048606	2.563821	1.284936	5.124928

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.538138**	**25.27506**	**2.564645**	**1.278770**	**23.37885**	**2.580751**	**2.552830**
Stddev	.009088	.07813	.006572	.001365	.08812	.008683	.006666
%RSD	.3580609	.3091184	.2562388	.1067461	.3769151	.3364686	.2611301
#1	2.529061	25.19130	2.560327	1.279581	23.47424	2.572518	2.556597
#2	2.547237	25.34596	2.561400	1.277194	23.36181	2.579912	2.545133
#3	2.538115	25.28793	2.572208	1.279535	23.30049	2.589824	2.556760

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**23.48868**	**5.122410**	**5.202241**	**5.162531**	**5.158428**	**5.153717**	**5.286738**
Stddev	.02398	.016951	.011178	.012076	.003770	.010701	.004231
%RSD	.1021080	.3309104	.2148773	.2339187	.0730751	.2076376	.0800250
#1	23.51637	5.107558	5.206659	5.148790	5.155422	5.141970	5.282959
#2	23.47457	5.118797	5.189528	5.167347	5.162657	5.156272	5.285947
#3	23.47509	5.140876	5.210535	5.171456	5.157206	5.162909	5.291309

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: CCV08 Acquired: 6/10/2025 22:04:46 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCV08 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.028347	4.649817	5.155620
Stddev	.017743	.004659	.026581
%RSD	.3528664	.1001978	.5155694
#1	5.012730	4.652293	5.142200
#2	5.024671	4.652715	5.186235
#3	5.047640	4.644442	5.138424

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3186.739	74896.98	11729.34	2386.977	4260.025
Stddev	13.323	41.85	32.16	9.863	11.093
%RSD	.4180766	.0558745	.2741630	.4132062	.2604064
#1	3173.128	74890.71	11764.85	2387.415	4249.123
#2	3199.754	74941.61	11720.97	2396.613	4271.301
#3	3187.336	74858.62	11702.19	2376.902	4259.651

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: CCB08 Acquired: 6/10/2025 22:08:57 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCB08 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.001578**	**-.000416**	**.0004715**	**-.002326**	**.0001084**	**.0030933**	**-.003058**
Stddev	.001003	.001388	.0015387	.001984	.0009765	.0042984	.000370
%RSD	63.57632	333.4311	326.3520	85.31091	900.8008	138.9600	12.09424
#1	-.001295	-.002017	-.000013	-.001197	-.000780	.0044448	-.003091
#2	-.002693	.000452	.002194	-.004617	-.000048	-.001718	-.002672
#3	-.000747	.000316	-.000766	-.001164	.001154	.006554	-.003410

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000018**	**.0000933**	**.0056975**	**.0004191**	**.0000699**	**.0002237**	**.0004406**
Stddev	.000022	.0000394	.0034957	.0003093	.0002440	.0001544	.0013308
%RSD	126.9938	42.18527	61.35475	73.79536	349.0729	69.02423	302.0795
#1	-.000014	.0000668	.0074418	.0000767	.0000611	.0003756	.0006931
#2	-.000042	.0001385	.0079777	.0006781	.0003182	.0000669	.0016270
#3	.000003	.0000746	.0016729	.0005026	-.000170	.0002285	-.000998

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0002601**	**.0129006**	**-.000336**	**.0001218**	**-.126501**	**-.001035**	**.0000655**
Stddev	.0001009	.0163599	.000205	.0002653	.001552	.000874	.0002624
%RSD	38.80050	126.8152	60.91633	217.7895	1.226643	84.39527	400.6947
#1	.0002384	-.005822	-.000396	-.000025	-.124878	-.000682	-.000055
#2	.0001717	.020083	-.000108	-.000037	-.126653	-.000393	-.000115
#3	.0003700	.024441	-.000505	.000428	-.127970	-.002030	.000366

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.038861**	**.0058439**	**.0007969**	**-.000079**	**.0006052**	**.0111998**	**-.000791**
Stddev	.006460	.0002071	.0004177	.000569	.0006095	.0041615	.000163
%RSD	16.62374	3.544043	52.42109	717.3383	100.7141	37.15709	20.59588
#1	-.043964	.0058576	.0012584	.000349	-.000064	.0153824	-.000941
#2	-.041023	.0056303	.0004446	-.000725	.000752	.0070598	-.000814
#3	-.031598	.0060439	.0006876	.000138	.001128	.0111571	-.000617

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: CCB08 Acquired: 6/10/2025 22:08:57 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCB08 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0001603	-.002884	.0001829
Stddev	.0007330	.000498	.0000053
%RSD	457.3617	17.25979	2.900198
#1	-.000166	-.002615	.0001887
#2	-.000353	-.003459	.0001783
#3	.001000	-.002579	.0001818

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3401.013	79658.86	12839.38	2548.249	4839.209
Stddev	35.323	229.13	52.49	9.963	31.852
%RSD	1.038588	.2876440	.4088524	.3909635	.6582018
#1	3383.613	79512.56	12898.46	2537.244	4825.748
#2	3441.660	79922.93	12798.10	2556.655	4875.582
#3	3377.767	79541.09	12821.58	2550.847	4816.298

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2177-06 Acquired: 6/10/2025 22:13:18 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0519098	-.056057	.5732727	-.060711	.0030899	129.3033
Stddev	.0017405	.002393	.0018139	.002404	.0048631	.5336
%RSD	3.352997	4.268544	.3164073	3.958994	157.3863	.4126711
#1	.0533467	-.055420	.5726333	-.061069	-.002493	128.8330
#2	.0524082	-.058704	.5753197	-.062916	.005356	129.8831
#3	.0499744	-.054048	.5718652	-.058149	.006407	129.1937

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.419276	.0080083	.0159757	88.83881	.2656799	.1673796
Stddev	.010201	.0000561	.0000558	.19385	.0011607	.0002465
%RSD	.7187630	.7004179	.3490197	.2182078	.4368704	.1472419
#1	1.415211	.0080405	.0159137	89.05304	.2669276	.1671815
#2	1.430884	.0080409	.0160216	88.78791	.2654796	.1676556
#3	1.411735	.0079436	.0159919	88.67549	.2646323	.1673016

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2200435	320.5866	5.589455	83.83975	.3216755	.0021804
Stddev	.0011960	.8304	.014219	.16927	.0010356	.0005251
%RSD	.5435084	.2590404	.2543979	.2019019	.3219257	24.08217
#1	.2192981	320.9703	5.601470	84.02011	.3209811	.0024019
#2	.2194095	319.6337	5.593138	83.68432	.3211796	.0015809
#3	.2214230	321.1559	5.573756	83.81483	.3228657	.0025585

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.698138	.4226988	1.469570	132.1694	-.112345	.0027900
Stddev	.033234	.0019230	.001775	.4594	.006101	.0000825
%RSD	.8986684	.4549265	.1208022	.3475603	5.430880	2.956402
#1	3.678647	.4238001	1.467552	131.6847	-.108033	.0027046
#2	3.736512	.4238180	1.470891	132.5983	-.119326	.0027962
#3	3.679256	.4204784	1.470266	132.2254	-.109677	.0028692

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2177-06 Acquired: 6/10/2025 22:13:18 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0832616	17.56020	F 18.21485	8.681763	7.333183	.6083836
Stddev	.0008886	.06647	.03664	.005422	.023120	.0042912
%RSD	1.067248	.3785304	.2011646	.0624503	.3152734	.7053384
#1	.0838204	17.54594	18.19107	8.687764	7.306546	.6061828
#2	.0822369	17.63265	18.19645	8.677219	7.344968	.6133287
#3	.0837275	17.50202	18.25705	8.680305	7.348036	.6056394

Elem	Sr4077
Units	ppm
Avg	-.038249
Stddev	.002510
%RSD	6.562951
#1	-.039287
#2	-.035387
#3	-.040075

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3321.539	78489.03	14017.23	2449.731	3861.182
Stddev	10.057	124.43	36.95	10.724	6.568
%RSD	.3027947	.1585287	.2636314	.4377816	.1701054
#1	3317.515	78625.65	14016.49	2462.091	3857.961
#2	3332.986	78459.24	13980.65	2444.219	3868.738
#3	3314.117	78382.20	14054.55	2442.885	3856.845

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: PB168359BL Acquired: 6/10/2025 22:17:21 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0008924**	**-.001820**	**-.000099**	**-.003310**	**.0018634**	**.0108733**	**-.003855**
Stddev	.0008884	.002604	.000610	.005458	.0003325	.0004407	.000937
%RSD	99.55812	143.0986	617.1156	164.9136	17.84635	4.053013	24.30704
#1	.0007018	-.001789	-.000803	-.000607	.0016393	.0113407	-.004649
#2	.0018606	.000769	.000262	-.009592	.0017055	.0108139	-.004094
#3	.0001147	-.004439	.000244	.000269	.0022455	.0104654	-.002821

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0000145**	**.0000444**	**.0079132**	**.0002327**	**.0000837**	**-.000058**	**.0167088**
Stddev	.0000452	.0000642	.0044929	.0002025	.0002023	.000257	.0044092
%RSD	310.8906	144.5776	56.77809	87.03249	241.6368	444.8174	26.38863
#1	-.000011	.0000103	.0075808	.0001134	.0003172	-.000172	.0216255
#2	-.000012	.0000044	.0035956	.0004666	-.000030	.000236	.0153955
#3	.000067	.0001184	.0125630	.0001182	-.000036	-.000238	.0131055

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0003685**	**-.003341**	**-.000100**	**.0003003**	**-.123786**	**-.000648**	**.0000070**
Stddev	.0000669	.007718	.000197	.0002613	.009289	.001182	.0001829
%RSD	18.16336	231.0361	196.6755	87.03161	7.503953	182.4342	2625.468
#1	.0003790	.003001	-.000283	.0001461	-.119848	-.001441	.0000454
#2	.0004296	-.011934	.000109	.0006020	-.134395	-.001213	-.000192
#3	.0002969	-.001089	-.000126	.0001528	-.117115	.000711	.000168

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.019599**	**.0013595**	**.0000363**	**-.000554**	**.0014060**	**.0022986**	**-.003175**
Stddev	.022322	.0005954	.0000437	.000649	.0002767	.0030929	.000938
%RSD	113.8963	43.79791	120.4276	117.2230	19.67844	134.5565	29.54787
#1	-.013808	.0016457	.0000028	-.000905	.0012490	-.000764	-.002495
#2	-.000743	.0017578	.0000858	-.000951	.0017254	.005421	-.002784
#3	-.044246	.0006750	.0000204	.000195	.0012435	.002238	-.004245

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: PB168359BL Acquired: 6/10/2025 22:17:21 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0034867	-.001439	-.000005
Stddev	.0019162	.001954	.000039
%RSD	54.95731	135.7646	759.0362
#1	.0028506	-.000465	-.000037
#2	.0019694	-.003689	-.000016
#3	.0056400	-.000164	.000038

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3385.465	79011.77	12925.56	2501.031	4815.763
Stddev	18.309	123.29	16.24	6.558	15.948
%RSD	.5408084	.1560435	.1256483	.2622140	.3311638
#1	3364.504	79151.55	12936.70	2508.366	4797.465
#2	3393.561	78918.48	12933.05	2495.733	4823.115
#3	3398.331	78965.28	12906.92	2498.995	4826.709

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: PB158359BS Acquired: 6/10/2025 22:21:45 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.8299903**	**2.083796**	**1.037980**	**2.100959**	**.8370630**	**2.024311**
Stddev	.0051471	.022181	.002262	.014360	.0037598	.010788
%RSD	.6201374	1.064468	.2179615	.6834925	.4491679	.5329018
#1	.8289917	2.089641	1.039260	2.093123	.8338710	2.036227
#2	.8254157	2.059278	1.035368	2.092222	.8361106	2.021496
#3	.8355635	2.102470	1.039313	2.117532	.8412075	2.015210

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1991139**	**.2150747**	**.2094960**	**1.065851**	**.4293483**	**.2116636**
Stddev	.0008442	.0008594	.0012335	.008149	.0014878	.0011609
%RSD	.4239563	.3995758	.5887987	.7645827	.3465232	.5484632
#1	.2000846	.2140989	.2102394	1.056881	.4301197	.2120085
#2	.1987054	.2157187	.2080721	1.067871	.4302920	.2103693
#3	.1985517	.2154066	.2101765	1.072799	.4276333	.2126129

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3252828**	**3.065655**	**.2111882**	**2.034309**	**.5311937**	**.0778391**
Stddev	.0016910	.009029	.0005554	.002998	.0024607	.0004008
%RSD	.5198635	.2945345	.2629823	.1473755	.4632396	.5148913
#1	.3247464	3.059082	.2113744	2.032813	.5311482	.0777088
#2	.3239250	3.061932	.2105637	2.032353	.5287560	.0782888
#3	.3271769	3.075950	.2116266	2.037761	.5336768	.0775196

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.607921**	**.3100902**	**.2161906**	**9.143757**	**.3146479**	**.4271239**
Stddev	.034323	.0022832	.0009225	.041468	.0025499	.0019749
%RSD	1.316119	.7362960	.4267117	.4535114	.8104092	.4623619
#1	2.647048	.3095349	.2171405	9.191621	.3118207	.4261064
#2	2.593825	.3081358	.2161329	9.118647	.3167737	.4258654
#3	2.582890	.3125998	.2152982	9.121004	.3153493	.4294001

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: PB158359BS Acquired: 6/10/2025 22:21:45 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.7261526**	**.2035003**	**.8814184**	**6.042652**	F **-.000345**	**.1724666**
Stddev	.0047411	.0007508	.0073438	.030146	.001232	.0009558
%RSD	.6529105	.3689279	.8331811	.4988796	357.1186	.5542122
#1	.7286676	.2038604	.8898371	6.051011	.001056	.1726983
#2	.7206839	.2026374	.8763282	6.009209	-.000828	.1714162
#3	.7291063	.2040032	.8780899	6.067736	-.001263	.1732853

Elem	Sr4077
Units	ppm
Avg	**.2066013**
Stddev	.0006473
%RSD	.3133008
#1	.2073332
#2	.2063664
#3	.2061042

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3382.712**	**78985.54**	**12287.32**	**2537.630**	**4702.506**
Stddev	33.832	195.07	47.50	20.056	36.017
%RSD	1.000140	.2469683	.3865579	.7903350	.7659129
#1	3416.819	78772.91	12338.21	2516.877	4732.206
#2	3382.156	79027.46	12279.59	2556.907	4712.868
#3	3349.162	79156.24	12244.17	2539.105	4662.444

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2244-04 Acquired: 6/10/2025 22:25:45 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.005083**	**-.007440**	**.0002037**	**.0099676**	**.0030223**	**.0628281**	**.3837712**
Stddev	.001847	.002364	.0007491	.0034603	.0014673	.0025747	.0016052
%RSD	36.33760	31.78031	367.7757	34.71566	48.54775	4.097963	.4182573
#1	-.006402	-.004715	.0001697	.0122338	.0025014	.0636048	.3850155
#2	-.002972	-.008954	-.000528	.0059845	.0046789	.0649250	.3843386
#3	-.005875	-.008650	.000969	.0116844	.0018865	.0599545	.3819593

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000093**	**.0002949**	**64.35020**	**-.000277**	**-.000291**	**.0089678**	**.0041756**
Stddev	.000043	.0000184	.19429	.000035	.000045	.0000602	.0022426
%RSD	45.70546	6.230762	.3019318	12.53444	15.43425	.6714699	53.70717
#1	-.000046	.0002791	64.24771	-.000245	-.000293	.0089432	.0067077
#2	-.000129	.0002904	64.57428	-.000273	-.000336	.0089239	.0024397
#3	-.000106	.0003151	64.22861	-.000314	-.000246	.0090365	.0033795

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4347265**	**6.529763**	**.0025814**	**-.000262**	**334.7008**	**-.000071**	**.0634433**
Stddev	.0015698	.030664	.0002542	.000176	1.2146	.001198	.0005956
%RSD	.3611096	.4696033	9.849346	67.40900	.3629048	1693.457	.9387626
#1	.4338874	6.502100	.0026260	-.000084	335.0408	-.001452	.0627876
#2	.4365376	6.562735	.0023077	-.000264	335.7093	.000547	.0635913
#3	.4337545	6.524453	.0028103	-.000437	333.3524	.000693	.0639508

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5940444**	**.0369850**	**.0003912**	**-.004501**	**-.001297**	**2.024867**	**.0432896**
Stddev	.0072512	.0002643	.0000458	.000793	.000298	.010931	.0014982
%RSD	1.220657	.7145414	11.71185	17.61548	22.94006	.5398551	3.460964
#1	.5934141	.0370642	.0003949	-.005370	-.001476	2.032939	.0421926
#2	.5871289	.0372006	.0004350	-.004315	-.000954	2.029235	.0426795
#3	.6015902	.0366902	.0003436	-.003817	-.001462	2.012427	.0449966

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2244-04 Acquired: 6/10/2025 22:25:45 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4362309	.0129277	.1905313
Stddev	.0030811	.0015404	.0006046
%RSD	.7063009	11.91570	.3173045
#1	.4397033	.0116991	.1910628
#2	.4351655	.0124281	.1906574
#3	.4338238	.0146559	.1898736

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3011.762	70746.16	12463.15	2224.705	3983.921
Stddev	14.686	5.89	11.95	10.680	11.673
%RSD	.4876373	.0083229	.0958814	.4800822	.2929932
#1	3021.533	70752.94	12463.72	2213.026	3989.725
#2	2994.873	70742.36	12450.92	2227.113	3970.484
#3	3018.881	70743.18	12474.80	2233.977	3991.554

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2260-04 Acquired: 6/10/2025 22:30:11 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.003171**	**-.006263**	**.0039647**	**.0106699**	**.0011919**	**.1065749**	**.1740326**
Stddev	.001777	.002459	.0016995	.0052238	.0008872	.0005489	.0011212
%RSD	56.04247	39.26201	42.86537	48.95848	74.43749	.5150047	.6442425
#1	-.001149	-.009083	.0059021	.0047017	.0007792	.1062328	.1752427
#2	-.003880	-.004572	.0027257	.0144114	.0022103	.1062840	.1730291
#3	-.004483	-.005133	.0032663	.0128965	.0005862	.1072080	.1738259

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0000756**	**.0001134**	**9.968257**	**-.000577**	**.0031486**	**.0037039**	**.0233603**
Stddev	.0000404	.0000770	.028994	.000462	.0003309	.0001116	.0021307
%RSD	53.42495	67.90822	.2908629	80.00129	10.50813	3.011913	9.121012
#1	.0000668	.0001244	9.970195	-.000357	.0027741	.0038250	.0257919
#2	.0001197	.0000314	9.996234	-.000267	.0034013	.0036813	.0218197
#3	.0000404	.0001842	9.938343	-.001108	.0032705	.0036054	.0224693

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3151431**	**2.010561**	**.0022901**	**-.000168**	**283.1955**	**-.001930**	**.0522963**
Stddev	.0004940	.012240	.0001774	.000266	1.2501	.000731	.0004060
%RSD	.1567666	.6087775	7.746399	158.0215	.4414394	37.89875	.7763475
#1	.3153116	2.018967	.0024949	.000018	284.6211	-.001099	.0518297
#2	.3155308	2.016196	.0021870	-.000050	282.2864	-.002475	.0525684
#3	.3145868	1.996518	.0021883	-.000472	282.6790	-.002217	.0524910

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.517131**	**.0391032**	**.0001902**	**-.002164**	**-.000209**	**1.092960**	**.0102389**
Stddev	.007387	.0005837	.0001767	.000332	.000581	.018234	.0018769
%RSD	.4868826	1.492697	92.87360	15.32737	278.3506	1.668348	18.33135
#1	1.518367	.0392087	.0003937	-.001872	.000353	1.112687	.0121010
#2	1.509205	.0396270	.0001022	-.002525	-.000807	1.076723	.0102684
#3	1.523822	.0384740	.0000748	-.002095	-.000172	1.089469	.0083475

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2260-04 Acquired: 6/10/2025 22:30:11 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7253401	.0014479	.0676020
Stddev	.0027831	.0010807	.0004587
%RSD	.3836987	74.63655	.6785640
#1	.7225016	.0023147	.0681184
#2	.7254544	.0017918	.0672419
#3	.7280643	.0002371	.0674457

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3073.343	71835.12	12532.57	2315.592	4081.066
Stddev	7.248	174.44	52.76	7.498	4.207
%RSD	.2358291	.2428363	.4209922	.3237966	.1030926
#1	3066.368	71766.84	12481.69	2323.247	4077.745
#2	3072.826	72033.37	12529.00	2315.266	4079.656
#3	3080.836	71705.14	12587.03	2308.263	4085.797

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2262-02 Acquired: 6/10/2025 22:34:38 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.003266**	**-.007093**	**-.000252**	**.0061163**	**.0020084**	**.0760953**	**.0477726**
Stddev	.000079	.001420	.000829	.0022069	.0014277	.0011831	.0001173
%RSD	2.408063	20.01277	328.3423	36.08241	71.08938	1.554707	.2455479
#1	-.003234	-.005459	.000316	.0085698	.0024850	.0769686	.0477424
#2	-.003208	-.008020	.000130	.0042931	.0004033	.0747489	.0479020
#3	-.003355	-.007801	-.001203	.0054860	.0031368	.0765684	.0476733

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000227**	**.0000990**	**167.3188**	**-.000279**	**-.000720**	**.0007443**	**.0092322**
Stddev	.000055	.0000717	.5181	.000334	.000316	.0003139	.0017063
%RSD	24.16171	72.49699	.3096400	119.7342	43.94459	42.17321	18.48225
#1	-.000227	.0000839	166.7208	-.000371	-.000926	.0007669	.0078390
#2	-.000172	.0000360	167.6319	.000091	-.000877	.0010464	.0087222
#3	-.000282	.0001770	167.6037	-.000558	-.000356	.0004198	.0111354

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0169131**	**1.859057**	**-.000343**	**-.000313**	**350.6479**	**.0020767**	**.0212459**
Stddev	.0001089	.016251	.000090	.000252	1.0396	.0010738	.0001682
%RSD	.6441153	.8741579	26.14383	80.60108	.2964696	51.70687	.7917097
#1	.0168028	1.850627	-.000266	-.000601	351.8479	.0030177	.0210530
#2	.0170206	1.877791	-.000322	-.000204	350.0731	.0009069	.0213229
#3	.0169160	1.848752	-.000441	-.000134	350.0227	.0023056	.0213618

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.8324084**	**.0241995**	**.0115360**	**-.004114**	**-.003910**	**4.546841**	**.0006908**
Stddev	.0220702	.0003014	.0001900	.001059	.000700	.012035	.0035346
%RSD	2.651366	1.245358	1.646551	25.74476	17.89613	.2646849	511.6662
#1	.8230637	.0243000	.0115952	-.003697	-.004313	4.554489	.0046926
#2	.8576137	.0238607	.0113235	-.003326	-.004315	4.553066	-.000616
#3	.8165478	.0244378	.0116892	-.005318	-.003102	4.532969	-.002005

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2262-02 Acquired: 6/10/2025 22:34:38 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	6.825706	.0319499	.8678957
Stddev	.032512	.0016751	.0002846
%RSD	.4763156	5.242825	.0327895
#1	6.798679	.0326435	.8677756
#2	6.816656	.0300394	.8676908
#3	6.861785	.0331668	.8682206

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2913.656	68907.72	12177.33	2146.534	3875.587
Stddev	16.474	89.53	27.23	7.978	13.608
%RSD	.5654060	.1299307	.2236064	.3716639	.3511296
#1	2894.652	68975.02	12198.70	2141.876	3859.906
#2	2922.442	68942.03	12186.62	2155.746	3882.552
#3	2923.875	68806.11	12146.67	2141.980	3884.303

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2262-04 Acquired: 6/10/2025 22:39:03 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.005887**	**-.006585**	**.0015215**	**.0078294**	**.0044509**	**.4036386**	**.0387561**
Stddev	.000278	.000349	.0005319	.0021742	.0013053	.0011923	.0002660
%RSD	4.729911	5.306752	34.95955	27.76937	29.32701	.2953966	.6862776
#1	-.005716	-.006708	.0021357	.0058273	.0054645	.4042698	.0385615
#2	-.006208	-.006856	.0012055	.0101422	.0049101	.4043826	.0390592
#3	-.005736	-.006191	.0012234	.0075188	.0029780	.4022633	.0386476

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000192**	**-.000015**	**205.1079**	**.0258313**	**-.000661**	**.0008185**	**.0033976**
Stddev	.000056	.000088	.9233	.0005879	.000181	.0003705	.0019891
%RSD	29.36275	570.4163	.4501574	2.275812	27.40516	45.26231	58.54358
#1	-.000256	-.000097	205.9964	.0265030	-.000456	.0003909	.0016564
#2	-.000150	.000078	205.1741	.0254106	-.000800	.0010223	.0029711
#3	-.000170	-.000027	204.1533	.0255802	-.000727	.0010424	.0055654

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0001596**	**.0533462**	**-.001107**	**-.000137**	**362.9640**	**.0007377**	**.0039720**
Stddev	.0001702	.0133481	.000366	.000514	2.0300	.0008276	.0001673
%RSD	106.6835	25.02159	33.03839	374.4553	.5592851	112.1787	4.211274
#1	.0003551	.0657279	-.001528	.000407	364.5007	.0012545	.0037844
#2	.0000449	.0392061	-.000925	-.000616	360.6628	.0011755	.0041056
#3	.0000786	.0551047	-.000867	-.000203	363.7287	-.000217	.0040261

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.7335323**	**.0043851**	**.0039011**	**-.005958**	**-.005506**	**1.750369**	**.0041394**
Stddev	.0224092	.0011307	.0002569	.002093	.000788	.010170	.0027827
%RSD	3.054967	25.78545	6.584985	35.13079	14.31392	.5810250	67.22416
#1	.7571801	.0032466	.0036052	-.008156	-.005536	1.762103	.0071536
#2	.7308055	.0055078	.0040316	-.005729	-.006279	1.744905	.0016684
#3	.7126113	.0044009	.0040666	-.003989	-.004703	1.744099	.0035962

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2262-04 Acquired: 6/10/2025 22:39:03 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	12.56584	.0463851	1.162960
Stddev	.03150	.0012209	.010924
%RSD	.2506447	2.632126	.9393580
#1	12.53437	.0465478	1.157525
#2	12.59737	.0450910	1.175535
#3	12.56578	.0475166	1.155818

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2896.945	68512.10	11538.64	2146.481	3838.706
Stddev	12.650	221.55	44.37	8.027	12.756
%RSD	.4366555	.3233755	.3845014	.3739445	.3322999
#1	2890.594	68311.69	11574.57	2148.711	3830.658
#2	2911.512	68750.01	11489.05	2153.156	3853.414
#3	2888.729	68474.60	11552.30	2137.575	3832.046

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2265-04 Acquired: 6/10/2025 22:43:38 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.004538**	**-.006944**	**.0000246**	**.0048600**	**.0019308**	**.5084696**	**.1631733**
Stddev	.004098	.000984	.0018007	.0053013	.0002527	.0017554	.0011279
%RSD	90.29962	14.16409	7319.387	109.0791	13.08923	.3452336	.6912087
#1	-.000383	-.005815	-.000510	-.001258	.0020754	.5094624	.1632205
#2	-.008576	-.007615	.002032	.007733	.0020781	.5064427	.1620226
#3	-.004656	-.007403	-.001448	.008105	.0016390	.5095036	.1642769

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0001509**	**.0001426**	**3.634482**	**-.000646**	**.0091008**	**.0073378**	**-.002968**
Stddev	.0000260	.0000169	.023111	.000473	.0001303	.0001386	.003901
%RSD	17.25439	11.88264	.6358808	73.32169	1.431849	1.888138	131.4290
#1	.0001647	.0001247	3.608091	-.000950	.0091279	.0072578	.001395
#2	.0001209	.0001446	3.651104	-.000100	.0089590	.0072578	-.006120
#3	.0001671	.0001584	3.644251	-.000887	.0092154	.0074978	-.004179

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1989352**	**2.929812**	**.0038854**	**-.000296**	**345.7902**	**-.000389**	**.0377757**
Stddev	.0009695	.033963	.0003423	.000399	2.9292	.000865	.0005706
%RSD	.4873555	1.159212	8.810394	134.6941	.8471041	222.1866	1.510543
#1	.1983089	2.891265	.0035213	-.000471	349.1608	.000578	.0383083
#2	.1984447	2.942834	.0039342	-.000578	344.3495	-.001088	.0371734
#3	.2000519	2.955337	.0042007	.000160	343.8604	-.000659	.0378455

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.899751**	**.0133046**	**.0003392**	**-.002079**	**-.000310**	**.3308462**	**.0068499**
Stddev	.034808	.0007249	.0000996	.001203	.000346	.0097263	.0026228
%RSD	1.832247	5.448555	29.35517	57.88568	111.4344	2.939841	38.29021
#1	1.909415	.0135265	.0003599	-.002807	.000057	.3399582	.0044206
#2	1.861132	.0138927	.0002309	-.002738	-.000358	.3206042	.0096308
#3	1.928705	.0124947	.0004268	-.000690	-.000629	.3319762	.0064982

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2265-04 Acquired: 6/10/2025 22:43:38 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9108935	.0005879	.0348524
Stddev	.0019979	.0001141	.0002458
%RSD	.2193328	19.41083	.7053071
#1	.9108180	.0005606	.0349358
#2	.9089344	.0004899	.0345757
#3	.9129280	.0007132	.0350457

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3139.258	75394.47	13272.53	2363.140	4045.547
Stddev	11.904	135.35	18.99	10.028	10.277
%RSD	.3792081	.1795159	.1431100	.4243456	.2540213
#1	3130.250	75238.23	13293.16	2352.120	4040.734
#2	3134.771	75475.53	13255.76	2371.729	4038.560
#3	3152.754	75469.66	13268.68	2365.571	4057.347

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2266-04 Acquired: 6/10/2025 22:48:05 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.003753**	**-.008841**	**-.001030**	**.0074024**	**.0052936**	**.0685664**	**.4701929**
Stddev	.001187	.001379	.000954	.0063229	.0010880	.0052962	.0010151
%RSD	31.63840	15.60264	92.67296	85.41754	20.55213	7.724144	.2158838
#1	-.003208	-.007467	-.001980	.0034701	.0052158	.0644520	.4690772
#2	-.005116	-.010226	-.001037	.0146961	.0042467	.0667053	.4710619
#3	-.002936	-.008830	-.000072	.0040411	.0064184	.0745419	.4704395

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000239**	**.0004773**	**152.6529**	**-.000300**	**.0015992**	**.0008582**	**.0052625**
Stddev	.000059	.0001410	.7905	.000238	.0001633	.0001285	.0028319
%RSD	24.70509	29.54270	.5178712	79.35478	10.21018	14.97247	53.81269
#1	-.000300	.0005519	152.1279	-.000547	.0014207	.0007686	.0079756
#2	-.000234	.0005652	152.2686	-.000279	.0017409	.0008005	.0054868
#3	-.000182	.0003146	153.5621	-.000073	.0016361	.0010054	.0023252

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.999970**	**5.284313**	**.0035680**	**-.000332**	**332.6606**	**-.000901**	**.0199310**
Stddev	.008199	.041740	.0001675	.000345	2.7439	.000342	.0002444
%RSD	.4099725	.7898813	4.692983	103.9145	.8248378	37.94918	1.226141
#1	1.993860	5.263059	.0035244	-.000217	335.2799	-.001205	.0202077
#2	1.996762	5.257478	.0037529	-.000059	332.8950	-.000967	.0198408
#3	2.009289	5.332402	.0034267	-.000720	329.8071	-.000531	.0197446

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.201975**	**.0079472**	**.0006226**	**-.005559**	**-.004347**	**.8824025**	**.0051739**
Stddev	.013522	.0011649	.0001567	.000593	.000484	.0083883	.0039860
%RSD	1.124959	14.65843	25.17074	10.66762	11.13991	.9506174	77.04081
#1	1.186675	.0086411	.0008032	-.005217	-.004677	.8785302	.0097762
#2	1.206926	.0085981	.0005229	-.005216	-.003791	.8766499	.0028175
#3	1.212323	.0066023	.0005416	-.006244	-.004574	.8920274	.0029281

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2266-04 Acquired: 6/10/2025 22:48:05 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3771577	.0241075	.3525900
Stddev	.0017498	.0010000	.0006049
%RSD	.4639303	4.148011	.1715620
#1	.3751795	.0230197	.3520577
#2	.3785026	.0249867	.3524645
#3	.3777911	.0243161	.3532478

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2898.795	70104.95	12635.84	2165.747	3842.422
Stddev	10.415	184.90	25.20	14.642	9.089
%RSD	.3593013	.2637490	.1994229	.6760772	.2365474
#1	2905.766	70308.33	12658.96	2182.628	3850.703
#2	2903.796	70059.52	12639.58	2156.487	3843.866
#3	2886.822	69947.00	12608.98	2158.127	3832.698

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2266-08 Acquired: 6/10/2025 22:52:31 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.004121**	**-.007795**	**-.000918**	**.0072972**	**.0030736**	**.0362776**	**.6456660**
Stddev	.001991	.002309	.000292	.0042543	.0003406	.0048675	.0015763
%RSD	48.31111	29.61928	31.76443	58.30109	11.08223	13.41733	.2441416
#1	-.002046	-.010169	-.001209	.0065349	.0031063	.0306672	.6462531
#2	-.004303	-.005557	-.000626	.0034755	.0033967	.0387910	.6468646
#3	-.006015	-.007660	-.000920	.0118811	.0027178	.0393745	.6438804

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000116**	**.0003984**	**93.52982**	**-.000620**	**-.000724**	**.0046250**	**-.003491**
Stddev	.000030	.0001207	.35130	.000163	.000197	.0001893	.002146
%RSD	26.03182	30.29920	.3755991	26.27576	27.12613	4.092667	61.48484
#1	-.000118	.0002619	93.76692	-.000690	-.000945	.0048336	-.005956
#2	-.000145	.0004423	93.12623	-.000736	-.000567	.0044642	-.002482
#3	-.000085	.0004910	93.69631	-.000434	-.000661	.0045771	-.002035

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5385921**	**4.514762**	**.0024393**	**-.000228**	**305.0654**	**-.000078**	**.0507947**
Stddev	.0031320	.002065	.0003439	.000147	1.0335	.000294	.0005021
%RSD	.5815073	.0457373	14.10004	64.19475	.3387731	376.5658	.9885207
#1	.5377745	4.517084	.0027023	-.000393	303.9506	-.000414	.0510357
#2	.5359500	4.513131	.0025656	-.000112	305.9915	.000134	.0502175
#3	.5420517	4.514073	.0020501	-.000180	305.2541	.000046	.0511309

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.7439031**	**.0203070**	**.0005369**	**-.004597**	**-.002358**	**.9879144**	**.0101756**
Stddev	.0124783	.0006975	.0001740	.000341	.000453	.0081159	.0025427
%RSD	1.677414	3.434649	32.40928	7.420441	19.20659	.8215184	24.98837
#1	.7575482	.0195075	.0004649	-.004227	-.002857	.9965172	.0096970
#2	.7410887	.0206228	.0007354	-.004665	-.001974	.9868319	.0079061
#3	.7330723	.0207907	.0004105	-.004899	-.002242	.9803940	.0129235

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2266-08 Acquired: 6/10/2025 22:52:31 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5947901	.0168362	.1989254
Stddev	.0050280	.0010702	.0001441
%RSD	.8453441	6.356540	.0724356
#1	.5971687	.0179397	.1989227
#2	.5890141	.0167662	.1990708
#3	.5981875	.0158027	.1987826

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2927.141	70250.70	11649.28	2154.729	3889.265
Stddev	16.983	96.85	20.09	2.151	16.784
%RSD	.5801783	.1378695	.1724172	.0998363	.4315452
#1	2907.536	70169.31	11650.99	2157.196	3870.150
#2	2937.322	70357.82	11668.46	2153.247	3901.590
#3	2936.566	70224.96	11628.40	2153.744	3896.055

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: CCV09 Acquired: 6/10/2025 22:56:57 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCV09 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**5.148159**	**5.016020**	**5.095745**	**5.180048**	**5.112658**	**10.02796**	**10.09460**
Stddev	.010629	.039382	.017267	.010443	.013013	.04012	.06946
%RSD	.2064599	.7851178	.3388596	.2015995	.2545256	.4001175	.6881076
#1	5.149256	5.039441	5.109090	5.170687	5.106316	10.07142	10.17463
#2	5.137024	5.038066	5.076243	5.178145	5.104032	10.02012	10.05003
#3	5.158197	4.970553	5.101902	5.191311	5.127626	9.99233	10.05913

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2595403**	**2.550694**	**25.14963**	**1.052858**	**2.553651**	**1.272124**	**5.160974**
Stddev	.0036161	.011590	.29576	.009201	.011147	.003073	.037231
%RSD	1.393253	.4543725	1.176004	.8739472	.4365309	.2415499	.7214026
#1	.2575420	2.560476	24.90403	1.046470	2.558980	1.272299	5.119458
#2	.2573644	2.537894	25.06691	1.048698	2.540839	1.268968	5.172060
#3	.2637145	2.553711	25.47794	1.063404	2.561133	1.275106	5.191403

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.511793**	**24.98986**	**2.558815**	**1.287610**	**23.88248**	**2.541202**	**2.584900**
Stddev	.016568	.32690	.010790	.004926	.26340	.013524	.009843
%RSD	.6596106	1.308150	.4216842	.3825628	1.102902	.5321748	.3807758
#1	2.499542	24.75708	2.566207	1.283006	24.13983	2.530955	2.573572
#2	2.505192	24.84891	2.546433	1.287021	23.89421	2.536120	2.591358
#3	2.530644	25.36360	2.563805	1.292804	23.61342	2.556530	2.589771

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**24.08297**	**5.079018**	**5.132244**	**5.094969**	**5.064920**	**5.263115**	**5.139406**
Stddev	.18763	.046389	.007760	.020981	.007766	.017901	.006937
%RSD	.7790913	.9133475	.1512042	.4118053	.1533237	.3401194	.1349743
#1	24.23150	5.047972	5.132205	5.117402	5.061039	5.243005	5.146366
#2	24.14530	5.056737	5.124503	5.075828	5.059859	5.277309	5.132493
#3	23.87211	5.132343	5.140024	5.091677	5.073861	5.269030	5.139358

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: CCV09 Acquired: 6/10/2025 22:56:57 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCV09 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	**4.972192**	**4.579793**	**5.104915**
Stddev	.016861	.058225	.014191
%RSD	.3390999	1.271336	.2779873
#1	4.986851	4.645058	5.093336
#2	4.953766	4.561138	5.120746
#3	4.975958	4.533182	5.100664

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3228.197**	**74082.82**	**12063.77**	**2402.067**	**4311.404**
Stddev	12.362	425.69	19.82	39.268	13.024
%RSD	.3829377	.5746148	.1642675	1.634778	.3020941
#1	3241.149	73843.55	12040.89	2379.525	4319.199
#2	3226.918	73830.61	12074.75	2379.267	4318.646
#3	3216.524	74574.31	12075.67	2447.410	4296.368

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: CCB09 Acquired: 6/10/2025 23:01:08 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCB09 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0002345**	**.0001874**	**-.000906**	**-.001450**	**.0028818**	**.0028806**	**-.004466**
Stddev	.0011512	.0003943	.000419	.001516	.0002577	.0002349	.000700
%RSD	491.0425	210.4685	46.23033	104.5927	8.941168	8.156527	15.67902
#1	.0014379	.0004763	-.001011	.000294	.0026122	.0026286	-.003694
#2	-.000856	.0003476	-.000444	-.002188	.0029076	.0030937	-.005060
#3	.000122	-.000262	-.001262	-.002455	.0031255	.0029194	-.004644

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0000047**	**.0001471**	**.0060089**	**.0004178**	**.0001554**	**.0002825**	**.0026539**
Stddev	.0000226	.0000652	.0024427	.0000860	.0000242	.0001961	.0008097
%RSD	479.7271	44.35546	40.65141	20.57645	15.56572	69.43326	30.50866
#1	-.000021	.0002064	.0032239	.0004561	.0001828	.0002462	.0031708
#2	.000013	.0001577	.0070146	.0003193	.0001372	.0004941	.0030701
#3	.000022	.0000772	.0077882	.0004779	.0001461	.0001070	.0017208

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0000478**	**.0142066**	**-.000162**	**.0003385**	**.0559397**	**-.001092**	**.0001150**
Stddev	.0003026	.0160655	.000308	.0004668	.0063747	.001289	.0000759
%RSD	632.8472	113.0848	189.9894	137.9120	11.39562	118.0417	65.97719
#1	.0001243	.0098858	-.000497	.0007355	.0613560	-.001747	.0000308
#2	.0003049	.0319907	-.000097	-.000176	.0489148	-.001921	.0001361
#3	-.000286	.0007434	.000108	.000456	.0575483	.000393	.0001781

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0773171**	**.0050212**	**.0008927**	**.0005077**	**.0007185**	**.0136886**	**-.001946**
Stddev	.0191076	.0004912	.0002687	.0008859	.0001144	.0022167	.002502
%RSD	24.71326	9.783303	30.09754	174.4964	15.92769	16.19393	128.6098
#1	.0902870	.0049888	.0006066	.0004225	.0005900	.0157545	.000608
#2	.0553746	.0045470	.0011397	-.000333	.0008096	.0113469	-.002052
#3	.0862896	.0055279	.0009317	.001433	.0007559	.0139645	-.004393

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: CCB09 Acquired: 6/10/2025 23:01:08 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCB09 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000891	.0017795	.0002526
Stddev	.001234	.0018314	.0000165
%RSD	138.3776	102.9197	6.520322
#1	-.000564	.0036123	.0002716
#2	-.002256	.0017768	.0002432
#3	.000145	-.000051	.0002429

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3401.843	77370.45	13127.94	2490.065	4860.069
Stddev	5.315	224.30	19.21	21.203	8.990
%RSD	.1562335	.2898986	.1463218	.8514911	.1849859
#1	3407.837	77263.11	13108.66	2471.534	4870.420
#2	3397.706	77220.01	13128.09	2485.474	4855.584
#3	3399.984	77628.25	13147.08	2513.187	4854.204

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2266-08DUP Acquired: 6/10/2025 23:05:28 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.004920**	**-.008042**	**.0003162**	**.0065743**	**.0040989**	**.0542691**	**.7347866**
Stddev	.001567	.000451	.0003200	.0033299	.0004126	.0039922	.0004142
%RSD	31.83974	5.603301	101.2222	50.64936	10.06664	7.356272	.0563750
#1	-.005477	-.007688	.0002166	.0046825	.0044506	.0549402	.7347666
#2	-.006132	-.008549	.0000578	.0104192	.0042015	.0499840	.7343828
#3	-.003151	-.007888	.0006742	.0046214	.0036447	.0578833	.7352106

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000058**	**.0004365**	**104.8484**	**-.000347**	**-.000890**	**.0049308**	**.0012926**
Stddev	.000021	.0001130	.2171	.000051	.000219	.0002286	.0019717
%RSD	35.89987	25.88736	.2070996	14.79624	24.63231	4.635597	152.5381
#1	-.000052	.0004360	105.0875	-.000398	-.000637	.0048797	.0026501
#2	-.000082	.0003237	104.6635	-.000295	-.001024	.0051806	.0021967
#3	-.000041	.0005497	104.7941	-.000348	-.001009	.0047321	-.000969

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5954274**	**4.975271**	**.0023787**	**-.000088**	**367.1423**	**-.000637**	**.0564623**
Stddev	.0019222	.022497	.0001433	.000300	.7052	.001202	.0002645
%RSD	.3228241	.4521701	6.024795	340.5706	.1920874	188.6054	.4684561
#1	.5972785	5.001202	.0023206	-.000287	366.7193	-.001836	.0566188
#2	.5934412	4.960960	.0025420	.000257	366.7511	-.000644	.0566111
#3	.5955624	4.963653	.0022736	-.000235	367.9564	.000568	.0561569

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.8741345**	**.0236006**	**.0006518**	**-.004420**	**-.002447**	**1.171037**	**.0122103**
Stddev	.0125870	.0000853	.0000975	.000604	.000402	.005893	.0017742
%RSD	1.439934	.3615087	14.96749	13.65806	16.42172	.5032680	14.53013
#1	.8739957	.0236690	.0007464	-.004104	-.002251	1.177558	.0139053
#2	.8867902	.0235050	.0006575	-.005117	-.002909	1.169461	.0103664
#3	.8616174	.0236278	.0005515	-.004040	-.002181	1.166091	.0123591

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2266-08DUP Acquired: 6/10/2025 23:05:28 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4081876	.0164480	.2220232
Stddev	.0020204	.0004589	.0003119
%RSD	.4949589	2.789780	.1404820
#1	.4096115	.0165798	.2217920
#2	.4058753	.0168267	.2223779
#3	.4090760	.0159377	.2218996

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2957.026	69583.08	12371.83	2189.837	3878.895
Stddev	17.392	216.22	39.33	13.958	12.740
%RSD	.5881601	.3107391	.3178888	.6373873	.3284427
#1	2937.917	69832.53	12365.66	2205.923	3866.102
#2	2971.931	69449.31	12335.95	2182.658	3891.581
#3	2961.230	69467.39	12413.88	2180.930	3879.003

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2266-08LX5 Acquired: 6/10/2025 23:09:54 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.001275**	**-.002975**	**.0001878**	**.0000586**	**.0021801**	**.0124565**	**.1308698**
Stddev	.000473	.002005	.0006721	.0047897	.0016390	.0051960	.0009773
%RSD	37.12253	67.40386	357.8113	8176.150	75.18047	41.71266	.7467828
#1	-.000937	-.004453	-.000117	.0033812	.0005951	.0184146	.1315231
#2	-.001071	-.000692	-.000278	-.005432	.0020769	.0088660	.1297463
#3	-.001816	-.003780	.000958	.002226	.0038683	.0100890	.1313400

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000014**	**.0000507**	**19.38404**	**-.000055**	**.0001288**	**.0012842**	**.0008919**
Stddev	.000032	.0000752	.06549	.000096	.0000695	.0001625	.0015419
%RSD	235.8603	148.2583	.3378557	176.0607	53.97946	12.65401	172.8802
#1	.000017	.0000065	19.39038	.000055	.0002027	.0011908	.0024364
#2	-.000012	.0000082	19.31561	-.000126	.0000647	.0014719	.0008868
#3	-.000047	.0001376	19.44613	-.000092	.0001191	.0011899	-.000647

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1131371**	**.9328019**	**.0005218**	**.0001891**	**64.60323**	**.0001182**	**.0100246**
Stddev	.0010409	.0100540	.0004269	.0001090	.29789	.0003982	.0003118
%RSD	.9200097	1.077825	81.82195	57.66658	.4611122	336.8896	3.110500
#1	.1136636	.9301450	.0009173	.0000652	64.94009	.0005622	.0102114
#2	.1119381	.9243433	.0000692	.0002317	64.37449	-.000207	.0101979
#3	.1138095	.9439175	.0005789	.0002703	64.49513	-.000000	.0096647

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2094453**	**.0054126**	**.0002257**	**-.001175**	**-.000500**	**.2080184**	**-.001126**
Stddev	.0164086	.0000899	.0002727	.000252	.000928	.0018056	.001038
%RSD	7.834332	1.661550	120.8361	21.41437	185.8314	.8679937	92.14905
#1	.2061076	.0053286	.0004384	-.001253	.000566	.2065924	.000025
#2	.1949622	.0055075	-.000082	-.000894	-.000936	.2100486	-.001415
#3	.2272663	.0054016	.000320	-.001379	-.001129	.2074141	-.001989

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2266-08LX5 Acquired: 6/10/2025 23:09:54 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1184407	.0041171	.0408148
Stddev	.0018129	.0011966	.0002032
%RSD	1.530640	29.06334	.4977825
#1	.1182349	.0032244	.0406636
#2	.1167396	.0054767	.0407351
#3	.1203478	.0036502	.0410457

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3235.018	74219.84	12715.42	2373.820	4412.840
Stddev	9.957	164.56	29.77	6.256	14.359
%RSD	.3078033	.2217183	.2341179	.2635557	.3253918
#1	3229.327	74030.17	12733.47	2366.646	4403.912
#2	3246.516	74324.59	12731.73	2376.670	4429.403
#3	3229.211	74304.76	12681.06	2378.144	4405.204

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2266-08MS Acquired: 6/10/2025 23:14:12 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.8432028**	**1.787185**	**.9555013**	**2.075910**	**.8382669**	**2.010681**	**.7572452**
Stddev	.0019024	.020657	.0072621	.006219	.0043097	.009572	.0034281
%RSD	.2256173	1.155828	.7600335	.2995874	.5141180	.4760493	.4527086
#1	.8418386	1.764459	.9473501	2.081245	.8387581	2.000343	.7555496
#2	.8453760	1.792274	.9612819	2.077406	.8423098	2.019236	.7611907
#3	.8423938	1.804822	.9578720	2.069079	.8337326	2.012465	.7549954

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1925182**	**.2032376**	**81.02402**	**.4103421**	**.2037725**	**.3003722**	**3.148468**
Stddev	.0009962	.0012985	.49972	.0007555	.0007952	.0008716	.028476
%RSD	.5174597	.6388944	.6167513	.1841132	.3902297	.2901697	.9044411
#1	.1914171	.2017692	80.96026	.4110676	.2029866	.3008224	3.145855
#2	.1933571	.2042344	81.55256	.4103990	.2045766	.3009265	3.178160
#3	.1927803	.2037092	80.55925	.4095598	.2037542	.2993675	3.121388

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.6557349**	**5.704724**	**.5087895**	**.0768631**	**272.9362**	**.3037786**	**.2558893**
Stddev	.0035576	.021981	.0019107	.0004090	2.4185	.0039977	.0005139
%RSD	.5425314	.3853068	.3755414	.5320617	.8860931	1.315983	.2008244
#1	.6555348	5.709236	.5066735	.0773352	274.2244	.3041107	.2561689
#2	.6593883	5.724098	.5103886	.0766321	274.4379	.3075999	.2552962
#3	.6522816	5.680837	.5093064	.0766218	270.1463	.2996252	.2562028

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**11.20591**	**.2770691**	**.4345441**	**.6943430**	**.1977861**	**1.810060**	**6.350173**
Stddev	.05224	.0018506	.0012944	.0023912	.0018948	.016708	.032834
%RSD	.4661810	.6679388	.2978879	.3443848	.9579962	.9230591	.5170583
#1	11.22272	.2761642	.4338248	.6915818	.1982065	1.818974	6.314101
#2	11.24768	.2791981	.4360385	.6957225	.1994354	1.820420	6.358103
#3	11.14734	.2758451	.4337690	.6957246	.1957164	1.790785	6.378317

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2266-08MS Acquired: 6/10/2025 23:14:12 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3300856	.1855784	.3693323
Stddev	.0020736	.0009610	.0022539
%RSD	.6282077	.5178307	.6102552
#1	.3299003	.1856973	.3687953
#2	.3281109	.1845634	.3718062
#3	.3322457	.1864743	.3673955

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3048.991	72086.20	12291.73	2235.888	4048.863
Stddev	27.533	58.61	47.48	10.361	25.243
%RSD	.9030291	.0813058	.3863059	.4633791	.6234620
#1	3021.767	72021.62	12332.64	2224.233	4025.646
#2	3048.384	72100.97	12239.66	2244.055	4045.210
#3	3076.823	72136.01	12302.90	2239.375	4075.734

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2266-08MSD Acquired: 6/10/2025 23:18:22 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8674576	1.843720	.9757849	2.164088	.8672280	2.068697	.8300073
Stddev	.0043974	.007657	.0061030	.006148	.0041422	.007097	.0032170
%RSD	.5069340	.4153053	.6254461	.2841147	.4776325	.3430861	.3875879
#1	.8625487	1.851517	.9728140	2.158540	.8688788	2.068711	.8318726
#2	.8687874	1.836211	.9828046	2.163025	.8625150	2.075788	.8262926
#3	.8710367	1.843431	.9717363	2.170699	.8702902	2.061593	.8318566

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2119186	.2085407	93.30164	.4187159	.2095411	.3081503	3.051037
Stddev	.0003620	.0010646	.51028	.0012075	.0006965	.0004394	.014750
%RSD	.1708384	.5104859	.5469192	.2883745	.3323843	.1425847	.4834533
#1	.2122489	.2075142	92.91099	.4174566	.2087779	.3076460	3.036030
#2	.2119755	.2096396	93.87898	.4198638	.2097032	.3083540	3.051564
#3	.2115316	.2084684	93.11496	.4188274	.2101422	.3084508	3.065517

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7262445	6.426938	.5230099	.0797460	297.6717	.3101537	.2688510
Stddev	.0032074	.042884	.0024306	.0002727	1.5180	.0008432	.0009900
%RSD	.4416362	.6672542	.4647413	.3419476	.5099596	.2718567	.3682264
#1	.7227579	6.400117	.5203943	.0796150	297.2605	.3107179	.2698848
#2	.7290695	6.476397	.5251992	.0795636	296.4016	.3091844	.2679116
#3	.7269060	6.404300	.5234363	.0800595	299.3529	.3105587	.2687566

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.16485	.3069800	.4454854	.7170469	.2006454	1.894117	6.632595
Stddev	.03688	.0010460	.0020245	.0023781	.0006825	.003643	.007341
%RSD	.3303648	.3407295	.4544492	.3316443	.3401694	.1923318	.1106806
#1	11.14602	.3076760	.4445784	.7154481	.2009886	1.895647	6.629080
#2	11.14118	.3074867	.4440731	.7197797	.1998594	1.896745	6.627673
#3	11.20735	.3057771	.4478048	.7159130	.2010882	1.889958	6.641033

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2266-08MSD Acquired: 6/10/2025 23:18:22 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3529646	.1926825	.3963073
Stddev	.0052710	.0009269	.0007318
%RSD	1.493353	.4810451	.1846597
#1	.3470110	.1932728	.3966821
#2	.3570364	.1916142	.3954640
#3	.3548466	.1931604	.3967758

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2992.692	70117.63	11421.48	2216.563	3951.066
Stddev	26.919	265.25	14.28	14.591	20.498
%RSD	.8994983	.3782899	.1250621	.6582911	.5188020
#1	2983.729	70235.28	11437.85	2227.354	3944.123
#2	3022.949	70303.71	11415.06	2222.372	3974.134
#3	2971.397	69813.91	11411.54	2199.961	3934.941

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2266-08A Acquired: 6/10/2025 23:32:26 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.8412049**	**1.767474**	**.9415645**	**2.112529**	**.8341695**	**1.973335**	**.8627571**
Stddev	.0038491	.017270	.0022374	.004086	.0012839	.002199	.0027406
%RSD	.4575737	.9770732	.2376298	.1934154	.1539184	.1114598	.3176619
#1	.8413987	1.769644	.9431599	2.109184	.8327515	1.973854	.8636360
#2	.8372626	1.749222	.9425267	2.111319	.8345037	1.975230	.8596848
#3	.8449535	1.783556	.9390070	2.117083	.8352533	1.970923	.8649505

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1873682**	**.2005786**	**94.70116**	**.3973642**	**.2010716**	**.2973016**	**3.099658**
Stddev	.0009149	.0008714	.26117	.0007887	.0009173	.0011290	.024068
%RSD	.4883004	.4344527	.2757864	.1984856	.4561875	.3797428	.7764623
#1	.1870115	.2003697	94.91816	.3964592	.2003675	.2963267	3.126884
#2	.1866853	.1998307	94.41129	.3979050	.2007384	.2970397	3.081218
#3	.1884077	.2015355	94.77404	.3977284	.2021089	.2985386	3.090870

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.7359017**	**6.264761**	**.5024265**	**.0746222**	**332.7187**	**.2953603**	**.2610967**
Stddev	.0012331	.007726	.0009196	.0004963	1.4504	.0005665	.0009800
%RSD	.1675599	.1233323	.1830283	.6651162	.4359257	.1918074	.3753482
#1	.7369480	6.268660	.5015971	.0751173	334.3906	.2960089	.2621989
#2	.7345422	6.255862	.5022670	.0741247	331.9683	.2949625	.2603236
#3	.7362147	6.269762	.5034154	.0746247	331.7973	.2951094	.2607675

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**11.49756**	**.2747095**	**.4275000**	**.6883038**	**.1922468**	**1.988614**	**6.305097**
Stddev	.01176	.0015526	.0019276	.0014762	.0006923	.011197	.033165
%RSD	.1022838	.5651745	.4508986	.2144709	.3600926	.5630449	.5259983
#1	11.48522	.2749329	.4273506	.6879902	.1924230	1.983525	6.293979
#2	11.50864	.2730573	.4256515	.6870096	.1914835	2.001451	6.278919
#3	11.49881	.2761383	.4294980	.6899116	.1928340	1.980865	6.342392

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2266-08A Acquired: 6/10/2025 23:32:26 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5872887	.1876488	.3980841
Stddev	.0024213	.0015676	.0009920
%RSD	.4122886	.8353799	.2491826
#1	.5847289	.1891186	.3987652
#2	.5895425	.1878290	.3969460
#3	.5875948	.1859990	.3985410

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2938.691	70093.93	12233.55	2195.086	3881.467
Stddev	3.470	148.49	31.27	19.442	5.398
%RSD	.1180954	.2118505	.2556429	.8857271	.1390619
#1	2935.044	69935.67	12212.28	2173.353	3875.595
#2	2941.953	70115.91	12269.46	2201.077	3886.214
#3	2939.075	70230.21	12218.91	2210.828	3882.591

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: PB168333TB Acquired: 6/10/2025 23:36:34 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.003655**	**-.007061**	**-.001560**	**.0084103**	**.0032774**	**.0040004**	**-.006791**
Stddev	.002294	.000485	.001796	.0019159	.0023499	.0010940	.000499
%RSD	62.76266	6.866431	115.1685	22.78016	71.70017	27.34741	7.352129
#1	-.001042	-.007030	-.000967	.0068799	.0006344	.0031147	-.007368
#2	-.005335	-.007561	-.003577	.0077920	.0051309	.0052233	-.006504
#3	-.004588	-.006592	-.000135	.0105590	.0040668	.0036633	-.006502

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000209**	**-.000011**	**-.012125**	**-.000091**	**-.000476**	**-.000245**	**-.001981**
Stddev	.000043	.000070	.004533	.000113	.000070	.000425	.002218
%RSD	20.55176	657.6942	37.38684	124.1586	14.68652	173.5443	111.9278
#1	-.000234	.000062	-.006937	.000039	-.000551	.000245	-.004440
#2	-.000159	-.000077	-.014114	-.000149	-.000463	-.000464	-.001372
#3	-.000233	-.000017	-.015324	-.000162	-.000413	-.000515	-.000132

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0012331**	**-.023966**	**-.000025**	**.0000767**	**432.1471**	**-.000221**	**.0007195**
Stddev	.0002747	.011381	.000080	.0001815	3.3395	.002203	.0001672
%RSD	22.28163	47.48748	314.6988	236.6962	.7727784	995.6228	23.23566
#1	.0012087	-.014774	-.000039	.0002460	433.0499	.001817	.0007272
#2	.0009713	-.036696	-.000098	.0000990	434.9425	-.002559	.0005486
#3	.0015192	-.020430	.000060	-.000115	428.4490	.000078	.0008827

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0429528**	**.0002232**	**.0004372**	**-.001473**	**.0002586**	**.0083909**	**.0003921**
Stddev	.0184270	.0003442	.0000598	.000480	.0001611	.0004392	.0016198
%RSD	42.90050	154.2496	13.67054	32.57153	62.30415	5.234138	413.0967
#1	.0259363	.0001718	.0004374	-.001189	.0001079	.0088746	.0007934
#2	.0403983	.0005902	.0004968	-.002027	.0004285	.0082811	-.001391
#3	.0625237	-.000092	.0003773	-.001203	.0002395	.0080170	.001774

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: PB168333TB Acquired: 6/10/2025 23:36:34 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0348814	-.001491	-.000007
Stddev	.0013983	.002034	.000018
%RSD	4.008583	136.3841	249.5353
#1	.0362220	-.003701	-.000022
#2	.0349904	-.001074	-.000013
#3	.0334318	.000301	.000013

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2941.198	69165.98	12157.44	2201.212	3935.979
Stddev	14.483	426.48	39.19	16.597	13.129
%RSD	.4924336	.6166036	.3223146	.7539974	.3335653
#1	2924.531	68950.57	12120.91	2203.878	3920.983
#2	2950.727	68890.17	12198.83	2183.444	3945.408
#3	2948.335	69657.20	12152.59	2216.316	3941.545

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: PB168384BL Acquired: 6/10/2025 23:41:02 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0025412	-.000284	.0004750	-.001000	.0025927	.0034645	-.003580
Stddev	.0014199	.000221	.0006796	.005053	.0011021	.0014221	.000594
%RSD	55.87623	77.98446	143.0782	505.0658	42.50766	41.04802	16.60343
#1	.0009035	-.000398	-.000108	-.000329	.0025509	.0043299	-.004260
#2	.0034278	-.000029	.001221	-.006355	.0015121	.0042404	-.003322
#3	.0032922	-.000425	.000312	.003683	.0037150	.0018232	-.003159

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000004	-.000056	.0053183	.0001483	-.000009	.0001531	.0013317
Stddev	.000104	.000074	.0066017	.0002428	.000164	.0002237	.0032874
%RSD	2921.630	132.6946	124.1316	163.7447	1818.749	146.1466	246.8621
#1	-.000065	.000030	-.001307	.0004285	-.000175	-.000078	.0020374
#2	-.000063	-.000098	.005366	-.000001	-.000006	.000168	.0042088
#3	.000117	-.000098	.011896	.000017	.000154	.000369	-.002251

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000210	.0050551	-.000030	.0000161	.2225301	.0003363	.0000557
Stddev	.000254	.0221029	.000119	.0001351	.0172435	.0011344	.0001299
%RSD	120.7336	437.2363	400.1809	837.9038	7.748832	337.3792	232.9927
#1	-.000461	.0161967	.000105	-.000031	.2334672	-.000725	.0002029
#2	.000046	.0193699	-.000072	-.000089	.2314707	.001532	.0000070
#3	-.000214	-.020401	-.000123	.000169	.2026524	.000202	-.000043

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1361609	.0002533	-.000202	-.000174	.0003981	.0070450	-.003341
Stddev	.0200243	.0003601	.000110	.000139	.0006944	.0075402	.001439
%RSD	14.70636	142.2072	54.18266	79.69028	174.4348	107.0284	43.08500
#1	.1547092	.0002844	-.000324	-.000249	-.000270	.0150503	-.003458
#2	.1388426	.0005968	-.000171	-.000259	.001116	.0060074	-.004718
#3	.1149308	-.000121	-.000112	-.000014	.000349	.0000774	-.001847

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: PB168384BL Acquired: 6/10/2025 23:41:02 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001461	.0023545	.0000597
Stddev	.002066	.0011676	.0000314
%RSD	141.4005	49.58842	52.62228
#1	-.003744	.0012457	.0000339
#2	-.000921	.0022449	.0000506
#3	.000281	.0035731	.0000947

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3387.403	78423.15	12225.42	2585.993	4785.104
Stddev	45.257	505.88	38.50	35.679	42.352
%RSD	1.336025	.6450598	.3149367	1.379718	.8850869
#1	3439.603	77998.76	12252.29	2567.449	4833.726
#2	3363.419	78287.72	12242.65	2563.404	4765.332
#3	3359.186	78982.95	12181.31	2627.126	4756.253

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: PB168384BS Acquired: 6/10/2025 23:45:21 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8425827	2.114279	1.050578	2.122722	.8533171	2.055997
Stddev	.0019402	.027405	.003333	.014954	.0056727	.005676
%RSD	.2302690	1.296169	.3172140	.7044850	.6647787	.2760731
#1	.8422438	2.089097	1.048389	2.107349	.8506171	2.056918
#2	.8408344	2.110273	1.048931	2.123598	.8494989	2.061157
#3	.8446701	2.143466	1.054413	2.137219	.8598355	2.049917

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2066418	.2112840	.2116137	1.092845	.4358019	.2143104
Stddev	.0003249	.0012253	.0003387	.010479	.0019249	.0009119
%RSD	.1572263	.5799154	.1600617	.9588917	.4416930	.4255190
#1	.2067269	.2098956	.2115681	1.084329	.4336084	.2137502
#2	.2062828	.2122139	.2113002	1.104547	.4365878	.2138182
#3	.2069157	.2117425	.2119729	1.089658	.4372095	.2153626

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3308457	3.241641	.2167681	2.067743	.5369973	.0797589
Stddev	.0017235	.014654	.0003921	.028186	.0021497	.0003812
%RSD	.5209449	.4520526	.1808613	1.363120	.4003226	.4779504
#1	.3291989	3.252690	.2166108	2.046909	.5351187	.0794570
#2	.3307014	3.225018	.2164792	2.056507	.5365315	.0801872
#3	.3326369	3.247216	.2172144	2.099814	.5393418	.0796324

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.915397	.3183028	.2195933	9.668506	.3094474	.4353063
Stddev	.002863	.0019284	.0010528	.017930	.0008691	.0021502
%RSD	.0982114	.6058273	.4794121	.1854446	.2808625	.4939422
#1	2.913486	.3190011	.2206367	9.688700	.3084446	.4341497
#2	2.914017	.3197848	.2185315	9.654454	.3099156	.4339819
#3	2.918689	.3161226	.2196118	9.662365	.3099820	.4377872

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: PB168384BS Acquired: 6/10/2025 23:45:21 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.7343429**	**.2087427**	**.9312154**	**6.161314**	F **-.000371**	**.1799124**
Stddev	.0019230	.0004668	.0060408	.024111	.001023	.0021568
%RSD	.2618692	.2236496	.6487032	.3913284	275.4079	1.198830
#1	.7327175	.2085362	.9266164	6.142378	-.000047	.1782809
#2	.7338456	.2084148	.9380568	6.153107	-.001517	.1823578
#3	.7364658	.2092772	.9289732	6.188457	.000450	.1790986

Elem	Sr4077
Units	ppm
Avg	**.2120453**
Stddev	.0002736
%RSD	.1290246
#1	.2117299
#2	.2121869
#3	.2122190

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3348.031**	**78309.38**	**12642.67**	**2528.432**	**4680.237**
Stddev	26.537	36.64	31.62	8.199	30.337
%RSD	.7926049	.0467902	.2501230	.3242739	.6481916
#1	3373.161	78278.21	12676.84	2524.309	4710.856
#2	3350.650	78300.19	12614.44	2523.113	4679.664
#3	3320.282	78349.74	12636.73	2537.874	4650.190

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2253-01 Acquired: 6/10/2025 23:49:22 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.003418**	**-.003849**	**.0040920**	**.0010978**	**.0010043**	**.0586086**	**-.000599**
Stddev	.001424	.002244	.0002773	.0008582	.0013585	.0021749	.000592
%RSD	41.66840	58.28448	6.776852	78.17335	135.2722	3.710932	98.86052
#1	-.004465	-.006440	.0042595	.0019478	.0000518	.0571093	-.000663
#2	-.001796	-.002532	.0037720	.0011139	.0025600	.0576135	-.001156
#3	-.003991	-.002576	.0042447	.0002317	.0004011	.0611031	.000023

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000134**	**.0000590**	**4.512896**	**.0018390**	**.0056241**	**.0186564**	**2.764498**
Stddev	.000005	.0000788	.029198	.0000930	.0002802	.0003342	.020051
%RSD	3.412052	133.5318	.6469811	5.058465	4.982024	1.791314	.7253109
#1	-.000138	-.000026	4.502843	.0019137	.0056704	.0182866	2.768613
#2	-.000134	.000129	4.490053	.0018686	.0053236	.0189368	2.742709
#3	-.000129	.000074	4.545792	.0017348	.0058783	.0187459	2.782173

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0402454**	**1.526208**	**.0422629**	**-.000057**	**12.48075**	**.0008404**	**.0692546**
Stddev	.0004688	.008604	.0002045	.000284	.09564	.0001814	.0002290
%RSD	1.164977	.5637695	.4838874	495.1988	.7663136	21.57955	.3307108
#1	.0407867	1.525295	.0420372	.000263	12.58569	.0009119	.0691922
#2	.0399861	1.518097	.0423158	-.000155	12.45809	.0006342	.0690633
#3	.0399636	1.535233	.0424358	-.000280	12.39848	.0009751	.0695084

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.9816555**	**.0156247**	**.0000850**	**-.002006**	**.0000822**	**6.040904**	**.0040614**
Stddev	.0094279	.0009226	.0001154	.000800	.0001995	.015220	.0012340
%RSD	.9604133	5.904951	135.8038	39.89105	242.7864	.2519423	30.38351
#1	.9845673	.0153603	.0000727	-.002310	-.000035	6.052849	.0031120
#2	.9711151	.0148632	.0002059	-.001098	.000313	6.023768	.0054562
#3	.9892840	.0166507	-.000024	-.002609	-.000031	6.046095	.0036159

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2253-01 Acquired: 6/10/2025 23:49:22 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	**4.196538**	**.0004327**	**.0265842**
Stddev	.026249	.0008840	.0002279
%RSD	.6254906	204.2818	.8573990
#1	4.176226	.0003042	.0268429
#2	4.187211	-.000380	.0264131
#3	4.226177	.001374	.0264966

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3373.143**	**78878.90**	**12354.89**	**2533.052**	**4822.711**
Stddev	18.422	46.03	55.40	2.945	16.706
%RSD	.5461493	.0583568	.4484192	.1162484	.3464022
#1	3361.171	78843.37	12338.77	2535.903	4810.990
#2	3363.900	78930.90	12416.57	2530.021	4815.304
#3	3394.357	78862.43	12309.34	2533.231	4841.840

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2253-02 Acquired: 6/10/2025 23:53:39 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.003234**	**-.004871**	**.0000650**	**.0046578**	**.0016461**	**.0124231**	**-.000182**
Stddev	.001774	.001203	.0008967	.0034529	.0016991	.0025874	.000706
%RSD	54.85570	24.69686	1379.151	74.13075	103.2206	20.82765	388.2725
#1	-.002024	-.004953	.0003941	.0046972	.0025620	.0106681	-.000229
#2	-.005270	-.003628	-.000950	.0080909	.0026907	.0153946	-.000863
#3	-.002407	-.006030	.000751	.0011855	-.000314	.0112067	.000547

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000166**	**.0000443**	**4.464882**	**.0001227**	**.0031698**	**.0051016**	**.1029638**
Stddev	.000009	.0000540	.006263	.0001463	.0000458	.0003066	.0017985
%RSD	5.717151	121.9703	.1402815	119.2275	1.444481	6.008872	1.746698
#1	-.000161	.0001043	4.471813	.0002673	.0032206	.0053924	.1043846
#2	-.000159	-.000000	4.459626	-.000025	.0031318	.0047814	.1009417
#3	-.000177	.000029	4.463209	.000126	.0031570	.0051309	.1035652

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0354642**	**1.847514**	**.0030736**	**.0000487**	**13.02710**	**.0001784**	**.0231457**
Stddev	.0003784	.013220	.0003288	.0002492	.05102	.0011066	.0001652
%RSD	1.066842	.7155615	10.69870	511.2498	.3916611	620.2017	.7135942
#1	.0357460	1.855404	.0033555	-.000226	12.97035	.0008550	.0233120
#2	.0356124	1.854886	.0027123	.000260	13.04179	.0007788	.0231434
#3	.0350342	1.832251	.0031530	.000113	13.06917	-.001099	.0229817

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**3.045113**	**.0259135**	**-.000038**	**-.002688**	**.0002343**	**6.184037**	**.1187763**
Stddev	.018377	.0004170	.000109	.000747	.0003301	.014492	.0012302
%RSD	.6035065	1.609183	286.4322	27.77299	140.9125	.2343381	1.035721
#1	3.024032	.0261171	-.000135	-.003108	.0006145	6.171675	.1195950
#2	3.057758	.0254338	-.000059	-.001826	.0000212	6.199985	.1173616
#3	3.053549	.0261895	.000080	-.003131	.0000671	6.180452	.1193722

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2253-02 Acquired: 6/10/2025 23:53:39 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2821488	.0003803	.0327771
Stddev	.0025869	.0018805	.0000802
%RSD	.9168521	494.5053	.2446410
#1	.2835413	-.000261	.0328510
#2	.2791640	.002498	.0327884
#3	.2837412	-.001095	.0326918

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3271.174	79412.99	12656.73	2437.740	4667.124
Stddev	15.428	195.24	12.65	19.150	11.322
%RSD	.4716498	.2458582	.0999351	.7855532	.2425936
#1	3257.982	79638.16	12642.13	2459.834	4656.238
#2	3288.139	79290.74	12663.94	2425.905	4678.837
#3	3267.400	79310.07	12664.13	2427.482	4666.297

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: CCV10 Acquired: 6/10/2025 23:57:56 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCV10 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**5.182336**	**4.936883**	**5.098590**	**5.227795**	**5.170265**	**10.16577**	**10.00030**
Stddev	.052837	.067251	.026561	.047072	.043575	.03597	.06559
%RSD	1.019556	1.362212	.5209479	.9004218	.8427931	.3537914	.6558712
#1	5.229779	5.009367	5.128800	5.268082	5.203897	10.17764	10.07518
#2	5.191835	4.924768	5.088069	5.239251	5.185860	10.12537	9.97270
#3	5.125394	4.876512	5.078901	5.176052	5.121039	10.19430	9.95303

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2641477**	**2.540863**	**25.44425**	**1.058153**	**2.552372**	**1.278220**	**5.195082**
Stddev	.0013517	.013467	.24894	.002491	.014605	.009710	.041238
%RSD	.5117251	.5300273	.9783737	.2354309	.5721981	.7596292	.7937982
#1	.2651469	2.556042	25.30751	1.060153	2.568688	1.286167	5.163279
#2	.2626096	2.536197	25.29365	1.055363	2.547909	1.281096	5.180292
#3	.2646864	2.530349	25.73159	1.058945	2.540521	1.267397	5.241676

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.529039**	**25.38664**	**2.556096**	**1.306809**	**23.60452**	**2.569688**	**2.630460**
Stddev	.012823	.23080	.013597	.003708	.23129	.012837	.000976
%RSD	.5070349	.9091370	.5319426	.2837209	.9798560	.4995448	.0371066
#1	2.532777	25.25880	2.571276	1.310982	23.84537	2.562670	2.631557
#2	2.514762	25.24805	2.551978	1.303892	23.58404	2.561890	2.630132
#3	2.539578	25.65307	2.545034	1.305554	23.38415	2.584503	2.629690

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**23.99001**	**5.165945**	**5.158740**	**5.093773**	**5.126313**	**5.253971**	**5.135543**
Stddev	.12182	.020013	.043397	.028665	.022541	.043947	.043800
%RSD	.5078147	.3874003	.8412300	.5627369	.4397150	.8364503	.8528835
#1	24.11623	5.179303	5.193515	5.123541	5.145374	5.229355	5.184357
#2	23.98070	5.142936	5.172600	5.091421	5.101433	5.227849	5.122594
#3	23.87311	5.175598	5.110107	5.066357	5.132133	5.304709	5.099676

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: CCV10 Acquired: 6/10/2025 23:57:56 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCV10 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	**4.967444**	**4.571700**	**5.120920**
Stddev	.032883	.052592	.010150
%RSD	.6619790	1.150380	.1982034
#1	5.005128	4.630683	5.125644
#2	4.952632	4.554726	5.109269
#3	4.944571	4.529691	5.127847

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3183.904**	**72900.32**	**11778.29**	**2339.902**	**4264.315**
Stddev	23.220	164.56	41.28	2.119	19.919
%RSD	.7292999	.2257396	.3504463	.0905702	.4671097
#1	3170.152	72714.43	11750.32	2338.376	4245.783
#2	3170.847	73027.41	11825.69	2342.322	4261.784
#3	3210.714	72959.12	11758.84	2339.009	4285.379

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: CCB10 Acquired: 6/11/2025 0:02:08 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCB10 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000001**	**-.000883**	**-.000329**	**.0011227**	**.0015872**	**.0011259**	**-.003134**
Stddev	.000626	.001694	.001062	.0023009	.0005174	.0012125	.000783
%RSD	112143.1	191.8622	323.2684	204.9424	32.60009	107.6916	24.97784
#1	-.000146	-.001784	.000887	.0007649	.0010200	.0023436	-.002607
#2	-.000541	.001071	-.000798	.0035816	.0020335	.0011156	-.002762
#3	.000685	-.001937	-.001075	-.000978	.0017082	-.000081	-.004033

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0000399**	**.0001301**	**.0059861**	**.0000767**	**.0002398**	**.0001582**	**.0017232**
Stddev	.0000485	.0000673	.0105049	.0003531	.0000863	.0003791	.0018880
%RSD	121.7104	51.74842	175.4874	460.3414	35.98240	239.6480	109.5622
#1	.0000370	.0002074	.0112271	.0003068	.0002886	.0004577	-.000450
#2	-.000007	.0000844	.0128394	-.000330	.0001401	.0002848	.002961
#3	.000090	.0000984	-.006108	.000253	.0002905	-.000268	.002659

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0001506**	**-.002204**	**-.000074**	**.0002554**	**-.010869**	**.0002887**	**.0002576**
Stddev	.0003873	.008297	.000191	.0001140	.015378	.0004150	.0003185
%RSD	257.2153	376.4070	256.4427	44.63408	141.4926	143.7602	123.6398
#1	-.000226	-.009990	-.000293	.0001255	-.025774	.0007082	.0000492
#2	.000129	.006524	.000012	.0003387	-.011774	-.000122	.0006241
#3	.000548	-.003147	.000058	.0003019	.004943	.000279	.0000994

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0446418**	**.0054108**	**.0007663**	**-.000016**	**.0002251**	**.0112052**	**-.003176**
Stddev	.0063819	.0005118	.0002751	.000709	.0005634	.0063262	.000842
%RSD	14.29588	9.458015	35.90284	4510.868	250.2505	56.45773	26.51734
#1	.0412212	.0059591	.0010790	.000760	.0008534	.0124670	-.004013
#2	.0520048	.0053276	.0006583	-.000631	.0000573	.0168054	-.003187
#3	.0406993	.0049458	.0005616	-.000177	-.000235	.0043432	-.002328

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: CCB10 Acquired: 6/11/2025 0:02:08 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCB10 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0000963	.0004347	.0003258
Stddev	.0019541	.0016479	.0000226
%RSD	2028.091	379.0949	6.935871
#1	-.000553	-.001468	.0003096
#2	.002293	.001412	.0003517
#3	-.001450	.001360	.0003162

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3365.949	76578.85	12801.49	2474.388	4764.704
Stddev	21.646	108.37	33.21	10.462	17.212
%RSD	.6430794	.1415180	.2594029	.4228050	.3612373
#1	3390.723	76454.75	12779.65	2462.684	4782.222
#2	3356.432	76654.83	12839.70	2477.645	4764.075
#3	3350.693	76626.98	12785.11	2482.833	4747.815

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2253-02DUP Acquired: 6/11/2025 0:06:29 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.003257**	**-.003953**	**-.000755**	**.0015004**	**.0014298**	**.0127534**	**.0015737**
Stddev	.002329	.000304	.001754	.0039822	.0014545	.0010703	.0006946
%RSD	71.49558	7.687197	232.4021	265.4105	101.7261	8.392235	44.13963
#1	-.005895	-.003866	.001213	-.003061	.0004230	.0119446	.0020152
#2	-.002387	-.003703	-.001323	.004286	.0030973	.0123486	.0019328
#3	-.001489	-.004291	-.002155	.003276	.0007690	.0139671	.0007730

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000164**	**.0000640**	**4.354346**	**-.000171**	**.0029947**	**.0047232**	**.1113300**
Stddev	.000069	.0000366	.028766	.000141	.0001123	.0002214	.0022547
%RSD	41.86875	57.15414	.6606282	82.21874	3.751394	4.687282	2.025199
#1	-.000172	.0000795	4.387095	-.000311	.0030334	.0046423	.1105991
#2	-.000092	.0000222	4.342779	-.000174	.0030826	.0049737	.1138594
#3	-.000229	.0000902	4.333164	-.000029	.0028681	.0045537	.1095314

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0826448**	**1.789110**	**.0027276**	**.0000610**	**13.16444**	**.0001253**	**.0214577**
Stddev	.0010198	.002814	.0002328	.0001259	.03537	.0012017	.0003166
%RSD	1.233960	.1573014	8.536550	206.4807	.2686446	959.0643	1.475431
#1	.0835281	1.792150	.0029840	.0001811	13.14422	.0015127	.0218230
#2	.0828776	1.786595	.0025294	-.000070	13.20527	-.000588	.0212633
#3	.0815288	1.788584	.0026695	.000072	13.14382	-.000548	.0212868

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**3.046457**	**.0259896**	**.0001724**	**-.003128**	**-.000340**	**6.095559**	**.1187355**
Stddev	.009531	.0004997	.0001613	.000731	.000180	.016779	.0016361
%RSD	.3128693	1.922551	93.56633	23.36784	52.79811	.2752740	1.377901
#1	3.047603	.0255973	.0000828	-.002507	-.000186	6.114021	.1177071
#2	3.036405	.0258194	.0000758	-.002942	-.000537	6.081236	.1206221
#3	3.055364	.0265521	.0003585	-.003933	-.000298	6.091421	.1178774

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2253-02DUP Acquired: 6/11/2025 0:06:29 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2813707	-.000585	.0321991
Stddev	.0009005	.001438	.0000078
%RSD	.3200521	245.7241	.0243732
#1	.2803309	-.000628	.0321970
#2	.2818830	.000873	.0322078
#3	.2818982	-.002001	.0321925

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3301.702	78982.00	12856.12	2505.982	4697.031
Stddev	8.680	107.65	15.12	13.334	6.313
%RSD	.2628992	.1362978	.1176270	.5321061	.1343983
#1	3291.955	78867.13	12845.09	2495.925	4689.765
#2	3304.550	79080.58	12849.91	2521.108	4700.155
#3	3308.600	78998.28	12873.36	2500.914	4701.172

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2253-02LX5 Acquired: 6/11/2025 0:10:47 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.001161**	**-.001102**	**-.000479**	**-.002243**	**.0009800**	**.0032992**	**-.001930**
Stddev	.000405	.000950	.001209	.002596	.0005979	.0020162	.000409
%RSD	34.84831	86.17984	252.3842	115.7391	61.01127	61.11106	21.16373
#1	-.001521	-.001981	-.001056	.000335	.0012316	.0050558	-.001741
#2	-.000723	-.001232	.000910	-.004857	.0002974	.0037441	-.001651
#3	-.001240	-.000094	-.001291	-.002206	.0014109	.0010977	-.002399

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000060**	**-.000039**	**.9356967**	**.0003145**	**.0005915**	**.0012400**	**.0220241**
Stddev	.000032	.000071	.0085762	.0000461	.0001405	.0002705	.0022058
%RSD	52.45855	180.9885	.9165592	14.64690	23.75927	21.81427	10.01537
#1	-.000055	-.000081	.9283327	.0003347	.0006656	.0012170	.0222998
#2	-.000032	-.000080	.9451128	.0002617	.0006794	.0009817	.0196934
#3	-.000094	.000043	.9336446	.0003469	.0004294	.0015212	.0240791

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0074552**	**.3853397**	**.0006433**	**.0001195**	**2.440613**	**-.000975**	**.0051874**
Stddev	.0002870	.0175413	.0001551	.0004326	.015703	.000782	.0003328
%RSD	3.849856	4.552162	24.11137	361.9501	.6434182	80.17529	6.414980
#1	.0077492	.3855168	.0007905	.0002130	2.447180	-.001644	.0054314
#2	.0071757	.4027918	.0004813	-.000352	2.422693	-.001165	.0053225
#3	.0074407	.3677106	.0006582	.000498	2.451967	-.000116	.0048084

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5896346**	**.0079524**	**-.000020**	**-.000609**	**-.000005**	**1.222512**	**.0239367**
Stddev	.0110479	.0007193	.000114	.000095	.000621	.011726	.0010188
%RSD	1.873677	9.045627	556.6231	15.54538	13382.00	.9591606	4.256237
#1	.5991629	.0086470	.000091	-.000571	.000708	1.219524	.0231017
#2	.5922164	.0079995	-.000137	-.000540	-.000288	1.212570	.0250718
#3	.5775244	.0072106	-.000015	-.000717	-.000434	1.235443	.0236365

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2253-02LX5 Acquired: 6/11/2025 0:10:47 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0617816	-.000712	.0067012
Stddev	.0024236	.001237	.0000950
%RSD	3.922778	173.8419	1.416846
#1	.0644423	-.002136	.0068042
#2	.0597001	-.000083	.0066172
#3	.0612024	.000085	.0066823

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3371.254	81342.19	12471.83	2598.014	4759.366
Stddev	16.313	597.79	38.98	51.101	13.223
%RSD	.4838712	.7349032	.3125141	1.966922	.2778372
#1	3359.190	81518.21	12505.15	2621.324	4749.249
#2	3389.814	81832.21	12428.96	2633.302	4774.328
#3	3364.759	80676.16	12481.37	2539.414	4754.520

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2253-02MS Acquired: 6/11/2025 0:15:06 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7974992	1.851054	.9463931	1.918341	.8153938	1.988189	.1961754
Stddev	.0048142	.007360	.0035774	.003860	.0046583	.004349	.0009178
%RSD	.6036620	.3976250	.3779991	.2012361	.5712991	.2187449	.4678582
#1	.7919499	1.858382	.9433093	1.920902	.8122738	1.989897	.1958794
#2	.7999899	1.851120	.9455547	1.920219	.8131591	1.983245	.1954422
#3	.8005577	1.843662	.9503152	1.913901	.8207484	1.991424	.1972048

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2045791	.1956343	5.548435	.4189581	.2056051	.3137064	2.972025
Stddev	.0006486	.0006906	.018268	.0010478	.0008834	.0010608	.015269
%RSD	.3170656	.3530074	.3292449	.2500934	.4296458	.3381511	.5137485
#1	.2038348	.1950211	5.528490	.4180938	.2049992	.3126381	2.955943
#2	.2050231	.1954994	5.564354	.4201234	.2051974	.3137218	2.986324
#3	.2048795	.1963824	5.552461	.4186570	.2066187	.3147595	2.973808

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2623446	3.885443	.5053791	.0729451	14.89982	.3069143	.2241081
Stddev	.0009961	.005602	.0017160	.0004681	.05710	.0014186	.0014643
%RSD	.3796706	.1441725	.3395534	.6416781	.3832010	.4622106	.6534022
#1	.2614321	3.887329	.5041245	.0731887	14.94719	.3083762	.2228909
#2	.2621946	3.889858	.5046782	.0732411	14.83642	.3055433	.2257331
#3	.2634071	3.879141	.5073347	.0724055	14.91585	.3068234	.2237003

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.49418	.3063132	.4416273	.6853805	.2014854	6.757085	5.715130
Stddev	.00292	.0007535	.0009515	.0017285	.0003578	.029168	.013706
%RSD	.0253760	.2459824	.2154514	.2521937	.1776011	.4316646	.2398202
#1	11.49647	.3054565	.4410560	.6834298	.2013006	6.738515	5.711353
#2	11.49518	.3066102	.4411002	.6859903	.2018979	6.790704	5.703709
#3	11.49090	.3068729	.4427257	.6867215	.2012578	6.742036	5.730329

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2253-02MS Acquired: 6/11/2025 0:15:06 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2742032	.1627884	.2316733
Stddev	.0020927	.0025302	.0010497
%RSD	.7631767	1.554256	.4530881
#1	.2734733	.1644045	.2319324
#2	.2765630	.1598726	.2305184
#3	.2725732	.1640882	.2325693

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3272.575	79495.23	11915.46	2493.116	4618.459
Stddev	2.905	221.84	48.69	13.993	9.512
%RSD	.0887733	.2790607	.4086006	.5612486	.2059531
#1	3275.911	79740.41	11963.31	2508.433	4626.344
#2	3271.212	79308.39	11917.08	2489.910	4621.139
#3	3270.602	79436.89	11865.98	2481.005	4607.895

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2253-02MSD Acquired: 6/11/2025 0:19:05 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.7984108**	**1.872644**	**.9459660**	**1.931016**	**.8227282**	**2.022874**	**.1958342**
Stddev	.0010197	.044110	.0021718	.013885	.0022604	.003302	.0009693
%RSD	.1277206	2.355471	.2295867	.7190372	.2747463	.1632199	.4949723
#1	.7974899	1.822157	.9464627	1.914997	.8205460	2.021411	.1964698
#2	.7982358	1.892061	.9435888	1.938458	.8225792	2.026655	.1963141
#3	.7995067	1.903714	.9478463	1.939593	.8250595	2.020557	.1947185

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2131619**	**.1944876**	**5.597981**	**.4260489**	**.2045914**	**.3136670**	**2.974012**
Stddev	.0006404	.0003812	.020229	.0015630	.0005113	.0013352	.013571
%RSD	.3004049	.1959905	.3613584	.3668604	.2498985	.4256859	.4563333
#1	.2126807	.1944670	5.608641	.4247357	.2043076	.3121325	2.970827
#2	.2138887	.1941171	5.610651	.4277777	.2042849	.3143039	2.988893
#3	.2129163	.1948786	5.574652	.4256333	.2051816	.3145645	2.962317

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2377247**	**3.921968**	**.5029586**	**.0747823**	**15.28902**	**.3090889**	**.2306768**
Stddev	.0013360	.014155	.0006683	.0005684	.04208	.0018658	.0000105
%RSD	.5619895	.3609095	.1328844	.7600524	.2752053	.6036573	.0045705
#1	.2382145	3.937749	.5024053	.0749886	15.25716	.3109420	.2306743
#2	.2387467	3.917764	.5027693	.0752187	15.33672	.3072105	.2306677
#3	.2362130	3.910392	.5037012	.0741396	15.27319	.3091142	.2306883

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**11.69753**	**.3189604**	**.4484791**	**.6846065**	**.2050190**	**6.874837**	**5.630713**
Stddev	.01697	.0003421	.0011649	.0025749	.0009414	.042353	.027371
%RSD	.1451090	.1072580	.2597416	.3761068	.4591741	.6160526	.4861051
#1	11.67852	.3186170	.4471354	.6824396	.2048484	6.904280	5.611713
#2	11.70291	.3189628	.4492050	.6839268	.2060340	6.893934	5.618340
#3	11.71116	.3193012	.4490968	.6874530	.2041745	6.826299	5.662086

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2253-02MSD Acquired: 6/11/2025 0:19:05 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2784956	.1688307	.2338184
Stddev	.0036541	.0007300	.0005694
%RSD	1.312090	.4324039	.2435046
#1	.2797275	.1681499	.2337617
#2	.2813745	.1687404	.2344140
#3	.2743847	.1696016	.2332795

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3281.742	77073.24	11523.68	2440.821	4663.679
Stddev	11.913	114.28	23.84	7.834	9.489
%RSD	.3630105	.1482708	.2068914	.3209644	.2034705
#1	3295.494	77065.02	11518.33	2432.328	4674.631
#2	3274.585	76963.30	11502.97	2447.765	4658.505
#3	3275.147	77191.41	11549.74	2442.370	4657.902

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2253-02A Acquired: 6/11/2025 1:01:10 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7684010	1.817208	.9174837	1.846955	.7770652	1.917926	.1960369
Stddev	.0024307	.005823	.0033123	.006447	.0010401	.009174	.0013735
%RSD	.3163333	.3204412	.3610210	.3490365	.1338501	.4783231	.7006289
#1	.7656907	1.813183	.9168911	1.839898	.7764830	1.921186	.1976191
#2	.7691245	1.814556	.9145077	1.852534	.7764467	1.907567	.1951503
#3	.7703879	1.823885	.9210523	1.848433	.7782661	1.925025	.1953414

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1895110	.1880255	5.463648	.4060869	.1979741	.2998214	3.086419
Stddev	.0013388	.0001906	.023377	.0026810	.0002376	.0007778	.011204
%RSD	.7064726	.1013543	.4278718	.6601973	.1199957	.2594218	.3630146
#1	.1901560	.1878988	5.485024	.4075416	.1977268	.2989360	3.099239
#2	.1879718	.1879331	5.467236	.4029931	.1979949	.3001337	3.078504
#3	.1904053	.1882447	5.438684	.4077262	.1982005	.3003945	3.081514

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2365449	3.750110	.4870671	.0706203	15.99472	.2991787	.2224867
Stddev	.0009457	.031368	.0010074	.0002461	.10043	.0032976	.0011589
%RSD	.3997801	.8364638	.2068359	.3485586	.6278743	1.102220	.5208799
#1	.2375759	3.763555	.4866654	.0708891	16.10834	.3018766	.2233712
#2	.2363409	3.714260	.4863225	.0705659	15.91783	.2955027	.2211748
#3	.2357179	3.772513	.4882134	.0704059	15.95798	.3001569	.2229139

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.96740	.2881121	.4241465	.6622020	.1969070	7.010859	5.489319
Stddev	.05575	.0015704	.0006963	.0009941	.0011817	.016009	.016377
%RSD	.4658291	.5450599	.1641615	.1501152	.6001448	.2283447	.2983450
#1	12.01996	.2890988	.4233901	.6619125	.1982610	7.029335	5.483670
#2	11.97331	.2863012	.4247608	.6613848	.1963767	7.002122	5.476515
#3	11.90893	.2889364	.4242884	.6633087	.1960834	7.001119	5.507773

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2253-02A Acquired: 6/11/2025 1:01:10 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2661899	.1630920	.2292803
Stddev	.0017091	.0024826	.0018826
%RSD	.6420468	1.522193	.8210908
#1	.2681578	.1655822	.2314094
#2	.2653345	.1630768	.2278357
#3	.2650775	.1606171	.2285958

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3332.076	78367.37	12476.65	2477.609	4706.037
Stddev	7.810	164.23	56.13	2.113	5.954
%RSD	.2343877	.2095626	.4498970	.0852657	.1265108
#1	3336.833	78233.71	12418.20	2478.516	4711.533
#2	3323.063	78550.70	12530.13	2475.194	4699.712
#3	3336.333	78317.69	12481.62	2479.116	4706.867

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: PB168385BL Acquired: 6/11/2025 1:05:10 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000132**	**-.001074**	**-.000430**	**-.001822**	**.0028181**	**.0025412**	**-.003093**
Stddev	.001262	.001812	.000755	.003705	.0004941	.0014694	.000556
%RSD	958.9685	168.7080	175.4727	203.3557	17.53234	57.82368	17.97729
#1	.001152	.000906	-.001296	-.005750	.0023609	.0008948	-.002472
#2	-.001372	-.001478	-.000086	.001609	.0027511	.0030089	-.003544
#3	-.000174	-.002650	.000091	-.001324	.0033422	.0037197	-.003262

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000039**	**.0000083**	**.0270435**	**.0006941**	**-.000085**	**.0001460**	**.0052539**
Stddev	.000060	.0000579	.0131046	.0003285	.000197	.0001852	.0011051
%RSD	153.7272	697.9454	48.45731	47.32917	232.8190	126.8366	21.03436
#1	.000030	.0000335	.0157350	.0003774	-.000129	-.000029	.0064118
#2	-.000075	.0000493	.0239905	.0006718	.000131	.000128	.0042105
#3	-.000071	-.000058	.0414051	.0010333	-.000256	.000340	.0051395

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0003941**	**.0246667**	**-.000220**	**.0002194**	**-.065417**	**-.000621**	**-.000144**
Stddev	.0001887	.0123325	.000058	.0001205	.009076	.000641	.000350
%RSD	47.88292	49.99663	26.47801	54.90461	13.87440	103.2714	241.9246
#1	.0005306	.0114887	-.000285	.0000818	-.075124	-.001344	.000122
#2	.0001788	.0265817	-.000172	.0003059	-.063986	-.000394	-.000015
#3	.0004729	.0359297	-.000203	.0002706	-.057142	-.000124	-.000540

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0178893**	**.0002501**	**.0002929**	**.0018782**	**.0000905**	**.0037294**	**-.002927**
Stddev	.0106343	.0002038	.0000898	.0006451	.0000443	.0068622	.000331
%RSD	59.44485	81.48671	30.67473	34.34898	48.95487	184.0019	11.29950
#1	.0066200	.0003747	.0002490	.0026192	.0000468	.0106021	-.002767
#2	.0193003	.0003606	.0002334	.0015737	.0001353	-.003122	-.002707
#3	.0277477	.0000149	.0003962	.0014417	.0000893	.003708	-.003307

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: PB168385BL Acquired: 6/11/2025 1:05:10 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	**-.000088**	**-.001192**	**.0000138**
Stddev	.000512	.000907	.0000444
%RSD	583.0188	76.09242	322.0812
#1	-.000643	-.001557	-.000013
#2	.000366	-.001860	.000065
#3	.000014	-.000159	-.000011

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3366.666**	**78964.18**	**12158.46**	**2533.645**	**4800.748**
Stddev	30.605	366.20	10.21	9.942	23.440
%RSD	.9090668	.4637553	.0839647	.3923837	.4882633
#1	3334.314	79380.19	12166.17	2541.506	4774.260
#2	3370.526	78690.57	12162.32	2522.470	4809.171
#3	3395.159	78821.78	12146.88	2536.960	4818.813

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: PB168385BS Acquired: 6/11/2025 1:09:29 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.8028243**	**1.972256**	**.9951810**	**2.031048**	**.8138125**	**1.949358**
Stddev	.0038203	.010345	.0008848	.018864	.0076192	.003141
%RSD	.4758522	.5245075	.0889111	.9288047	.9362335	.1611240
#1	.7993538	1.966878	.9947693	2.021688	.8102730	1.946742
#2	.8022015	1.965707	.9945771	2.018694	.8086069	1.948491
#3	.8069177	1.984182	.9961967	2.052762	.8225577	1.952841

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1921888**	**.2000386**	**.2000960**	**1.049178**	**.4113663**	**.2032468**
Stddev	.0009857	.0007331	.0004497	.003447	.0027003	.0006547
%RSD	.5128722	.3664831	.2247432	.3285358	.6564099	.3221302
#1	.1913379	.2008186	.1997298	1.048010	.4144425	.2025169
#2	.1919596	.1993638	.2005979	1.053058	.4093875	.2037824
#3	.1932689	.1999333	.1999604	1.046467	.4102690	.2034412

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3142977**	**3.040126**	**.2024639**	**1.937350**	**.5097900**	**.0757797**
Stddev	.0012934	.006354	.0007926	.009852	.0013579	.0007766
%RSD	.4115236	.2089958	.3914573	.5085546	.2663649	1.024852
#1	.3133239	3.046538	.2028844	1.940019	.5082240	.0766325
#2	.3138039	3.040007	.2015497	1.945593	.5106421	.0751132
#3	.3157652	3.033833	.2029575	1.926438	.5105037	.0755933

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.642513**	**.2989813**	**.2091576**	**9.098629**	**.2956067**	**.4140533**
Stddev	.014986	.0009971	.0013306	.051904	.0002131	.0025853
%RSD	.5671002	.3334895	.6361858	.5704639	.0720951	.6243789
#1	2.649086	.2980631	.2105128	9.158289	.2957590	.4124165
#2	2.653090	.2988388	.2091071	9.063840	.2953631	.4127098
#3	2.625364	.3000419	.2078530	9.073759	.2956978	.4170337

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: PB168385BS Acquired: 6/11/2025 1:09:29 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.6972114**	**.1965811**	**.8785765**	**5.772421**	F **-.002472**	**.1661778**
Stddev	.0026156	.0003723	.0040081	.010792	.000233	.0011344
%RSD	.3751572	.1893758	.4562065	.1869610	9.415146	.6826546
#1	.6962655	.1966303	.8831717	5.784024	-.002620	.1674713
#2	.7001684	.1961867	.8758012	5.770558	-.002591	.1657097
#3	.6952002	.1969264	.8767567	5.762682	-.002203	.1653523

Elem	Sr4077
Units	ppm
Avg	**.1990832**
Stddev	.0008260
%RSD	.4148822
#1	.1986187
#2	.1985942
#3	.2000369

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3330.222**	**77386.93**	**12488.82**	**2479.255**	**4657.741**
Stddev	24.656	195.67	23.07	9.930	19.861
%RSD	.7403754	.2528427	.1847576	.4005073	.4264031
#1	3341.311	77187.01	12487.22	2468.001	4669.423
#2	3347.387	77395.74	12512.65	2482.983	4668.990
#3	3301.969	77578.04	12466.58	2486.781	4634.809

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2271-01 Acquired: 6/11/2025 1:13:29 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0554932**	**-.004903**	**.2603885**	**-.034107**	**-.003554**	**87.28969**	**.4935441**
Stddev	.0019633	.001708	.0016306	.003195	.003428	.07613	.0021431
%RSD	3.537891	34.84070	.6262089	9.368261	96.44756	.0872191	.4342215
#1	.0537539	-.005955	.2591116	-.036721	-.003602	87.30803	.4915632
#2	.0551035	-.002932	.2622253	-.035055	-.006958	87.20606	.4932500
#3	.0576221	-.005821	.2598287	-.030545	-.000103	87.35498	.4958190

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0079854**	**.0081645**	**30.71047**	**.1947110**	**.1300943**	**.3094889**	**253.0665**
Stddev	.0000715	.0004547	.03752	.0007235	.0002920	.0015232	1.3551
%RSD	.8949382	5.568733	.1221621	.3715755	.2244118	.4921607	.5354613
#1	.0079386	.0084707	30.70160	.1943724	.1297833	.3107852	251.9871
#2	.0080677	.0083809	30.67819	.1955417	.1301371	.3098704	252.6251
#3	.0079501	.0076421	30.75163	.1942189	.1303625	.3078113	254.5872

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.143459**	**30.13252**	**.1457318**	**.0018755**	**10.35884**	**.3232660**	**.4030124**
Stddev	.016037	.05674	.0003437	.0004089	.07135	.0011098	.0026602
%RSD	.3870330	.1883098	.2358671	21.80394	.6887456	.3433012	.6600656
#1	4.127825	30.15193	.1455876	.0015179	10.29590	.3223219	.4025967
#2	4.142684	30.06862	.1454837	.0017874	10.34427	.3229876	.4005845
#3	4.159870	30.17701	.1461241	.0023214	10.43634	.3244884	.4058559

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**12.20526**	**-.049906**	**.0038768**	**.0593481**	**2.387513**	**3.566478**	**4.878448**
Stddev	.07317	.003181	.0002951	.0013514	.005926	.045193	.009596
%RSD	.5994579	6.374593	7.612895	2.277040	.2481971	1.267164	.1966943
#1	12.16027	-.051962	.0037899	.0601969	2.387743	3.557554	4.886695
#2	12.16583	-.051514	.0042056	.0577897	2.381476	3.526413	4.867916
#3	12.28968	-.046242	.0036349	.0600577	2.393320	3.615468	4.880733

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2271-01 Acquired: 6/11/2025 1:13:29 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8925647	.1904188	-.107886
Stddev	.0055269	.0022505	.000893
%RSD	.6192123	1.181842	.8281241
#1	.8882665	.1884112	-.107169
#2	.8906284	.1899937	-.107602
#3	.8987992	.1928515	-.108886

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3441.079	82164.96	14544.06	2603.482	4104.705
Stddev	28.729	192.36	15.10	11.390	24.090
%RSD	.8348858	.2341138	.1038557	.4374951	.5868902
#1	3413.129	82198.04	14527.01	2610.489	4081.922
#2	3439.579	82338.64	14549.40	2609.618	4102.276
#3	3470.529	81958.21	14555.76	2590.340	4129.918

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2272-01 Acquired: 6/11/2025 1:17:35 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0679757	-.017616	.1776727	-.040667	-.004982	141.2938	.8017994
Stddev	.0010229	.001408	.0057559	.009363	.000861	.3914	.0010369
%RSD	1.504852	7.994229	3.239620	23.02271	17.27462	.2770189	.1293214
#1	.0672354	-.018881	.1742119	-.037682	-.004118	141.2194	.8023197
#2	.0675488	-.017868	.1744891	-.033161	-.004988	140.9448	.8006053
#3	.0691430	-.016098	.1843172	-.051158	-.005839	141.7170	.8024731

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0115283	.0163423	26.08900	.2150864	.1472875	1.182424	275.1236
Stddev	.0002497	.0002377	.21170	.0002704	.0011372	.001591	2.7328
%RSD	2.166206	1.454344	.8114651	.1257043	.7720913	.1345358	.9933069
#1	.0114121	.0165152	25.86350	.2152612	.1469315	1.181670	271.9826
#2	.0113578	.0160713	26.12003	.2152231	.1463710	1.181350	276.9572
#3	.0118149	.0164404	26.28348	.2147750	.1485602	1.184251	276.4309

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.901109	53.00217	.2668832	.0011740	9.221258	.3404561	.5291875
Stddev	.061998	.63545	.0008904	.0008230	.027722	.0033685	.0003875
%RSD	.7846766	1.198910	.3336275	70.10488	.3006296	.9893950	.0732267
#1	7.836446	52.37441	.2660028	.0003200	9.203402	.3395696	.5292190
#2	7.906836	52.98707	.2668637	.0019620	9.253194	.3376195	.5287852
#3	7.960045	53.64504	.2677833	.0012398	9.207178	.3441791	.5295583

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.79388	-.129349	.0010136	.0096033	4.656904	4.341130	6.077042
Stddev	.08707	.007258	.0002773	.0009816	.019679	.023454	.025138
%RSD	.5512609	5.610859	27.36040	10.22196	.4225754	.5402822	.4136622
#1	15.74347	-.135405	.0009099	.0084877	4.638146	4.327530	6.054975
#2	15.89442	-.121304	.0008030	.0103350	4.655177	4.368213	6.071743
#3	15.74376	-.131338	.0013278	.0099871	4.677390	4.327648	6.104407

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2272-01 Acquired: 6/11/2025 1:17:35 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3746384	.2801867	-.064624
Stddev	.0048103	.0016578	.002858
%RSD	1.283980	.5916875	4.422852
#1	.3762202	.2786008	-.061405
#2	.3692364	.2819081	-.066865
#3	.3784586	.2800512	-.065601

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3755.260	89753.82	15438.10	2850.159	4074.115
Stddev	1.670	424.65	86.73	25.149	10.971
%RSD	.0444617	.4731294	.5617707	.8823581	.2692875
#1	3755.837	90239.21	15505.35	2876.382	4084.673
#2	3756.565	89450.88	15468.73	2826.244	4074.898
#3	3753.378	89571.38	15340.21	2847.852	4062.773

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2273-01 Acquired: 6/11/2025 1:21:40 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0732246	-.010846	.1960233	-.047592	-.003565	96.22370	1.850604
Stddev	.0015585	.000602	.0010408	.001314	.002511	.05643	.003711
%RSD	2.128442	5.554845	.5309629	2.760193	70.44244	.0586475	.2005387
#1	.0748543	-.010733	.1955206	-.046197	-.004470	96.27660	1.852610
#2	.0717486	-.010307	.1953293	-.047775	-.005498	96.23021	1.846321
#3	.0730710	-.011496	.1972201	-.048805	-.000727	96.16429	1.852879

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0151391	.0195086	64.10710	.2244331	.2328509	.1129648	267.6895
Stddev	.0001070	.0004920	.46315	.0003025	.0006434	.0007306	1.6831
%RSD	.7068029	2.521724	.7224601	.1347990	.2763215	.6467407	.6287462
#1	.0151626	.0195633	64.18958	.2247763	.2325269	.1126840	268.0561
#2	.0152324	.0189915	64.52347	.2243177	.2324338	.1124162	269.1591
#3	.0150223	.0199709	63.60825	.2242052	.2335918	.1137941	265.8533

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.037063	83.72831	.5078338	-.002041	1.578397	.3843370	.8497286
Stddev	.035905	.86424	.0017737	.000426	.008965	.0019591	.0043493
%RSD	.5102220	1.032194	.3492634	20.88535	.5680000	.5097241	.5118485
#1	7.035832	83.69119	.5079821	-.001906	1.587766	.3846921	.8484529
#2	7.073567	84.61051	.5059906	-.001699	1.569899	.3860942	.8545732
#3	7.001789	82.88323	.5095286	-.002518	1.577527	.3822247	.8461599

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.71917	-.180627	.0031164	.0064584	3.126558	3.448688	13.42656
Stddev	.05863	.003026	.0002875	.0022218	.010893	.014872	.04765
%RSD	.2973001	1.675267	9.223870	34.40190	.3484020	.4312247	.3548646
#1	19.78251	-.177733	.0029001	.0041435	3.132978	3.464706	13.39104
#2	19.70819	-.180378	.0030064	.0085737	3.132715	3.446041	13.40794
#3	19.66682	-.183769	.0034426	.0066580	3.113981	3.435318	13.48071

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2273-01 Acquired: 6/11/2025 1:21:40 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.365550	.3895629	.1096184
Stddev	.016247	.0024515	.0018844
%RSD	.4827437	.6293031	1.719077
#1	3.347092	.3873981	.1096261
#2	3.371872	.3890656	.1077301
#3	3.377685	.3922249	.1114989

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3764.329	90513.44	15060.92	2863.081	3990.943
Stddev	7.725	117.37	45.97	12.179	8.020
%RSD	.2052095	.1296768	.3052411	.4253968	.2009515
#1	3761.398	90531.54	15092.79	2862.816	3985.366
#2	3773.090	90388.07	15008.22	2851.036	4000.134
#3	3758.497	90620.71	15081.75	2875.391	3987.329

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: CCV11 Acquired: 6/11/2025 1:35:29 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCV11 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**5.280408**	**4.947185**	**5.158341**	**5.322272**	**5.244108**	**10.21286**	**10.12605**
Stddev	.017075	.033176	.030314	.012135	.011971	.01622	.09595
%RSD	.3233692	.6705959	.5876730	.2280037	.2282843	.1588125	.9475384
#1	5.276112	4.919743	5.132598	5.313610	5.255589	10.22209	10.20797
#2	5.265892	4.984054	5.150672	5.317064	5.231700	10.19414	10.14969
#3	5.299221	4.937757	5.191754	5.336141	5.245034	10.22237	10.02049

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2594037**	**2.567587**	**25.13412**	**1.035967**	**2.580072**	**1.289224**	**5.060450**
Stddev	.0013969	.014700	.11076	.001788	.011889	.004668	.029169
%RSD	.5385139	.5725269	.4406718	.1726165	.4608129	.3620736	.5764077
#1	.2584413	2.552756	25.22795	1.034647	2.567844	1.288961	5.082990
#2	.2587639	2.567854	25.16246	1.035252	2.580782	1.284693	5.070853
#3	.2610059	2.582152	25.01194	1.038002	2.591591	1.294018	5.027505

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.517038**	**24.93646**	**2.586778**	**1.284086**	**23.69025**	**2.555737**	**2.598028**
Stddev	.002833	.01226	.010701	.001200	.14750	.004446	.007704
%RSD	.1125549	.0491705	.4136967	.0934690	.6226203	.1739485	.2965151
#1	2.520030	24.94757	2.575379	1.284251	23.85339	2.560333	2.589168
#2	2.516689	24.93852	2.588346	1.285195	23.56631	2.555419	2.603144
#3	2.514396	24.92330	2.596608	1.282811	23.65104	2.551459	2.601771

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**23.78754**	**5.128913**	**5.207480**	**5.138355**	**5.132834**	**5.126279**	**5.146255**
Stddev	.07794	.022774	.013261	.021367	.011504	.014217	.028856
%RSD	.3276388	.4440348	.2546458	.4158412	.2241176	.2773434	.5607254
#1	23.87674	5.110786	5.202036	5.116290	5.139767	5.141783	5.113123
#2	23.75324	5.121477	5.197809	5.139827	5.119555	5.123204	5.165887
#3	23.73264	5.154476	5.222597	5.158948	5.139181	5.113851	5.159754

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: CCV11 Acquired: 6/11/2025 1:35:29 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCV11 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	**5.010807**	**4.688710**	**5.148372**
Stddev	.011600	.034358	.009822
%RSD	.2314935	.7327735	.1907815
#1	5.007879	4.693073	5.152553
#2	5.000951	4.652380	5.137151
#3	5.023589	4.720678	5.155411

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3169.730**	**74042.92**	**11757.40**	**2314.322**	**4253.793**
Stddev	18.134	239.55	6.07	12.582	12.847
%RSD	.5721111	.3235335	.0516293	.5436471	.3020192
#1	3148.792	73909.93	11764.25	2315.614	4239.052
#2	3180.414	73899.37	11752.72	2301.144	4259.716
#3	3179.985	74319.47	11755.22	2326.207	4262.610

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: CCB11 Acquired: 6/11/2025 1:39:41 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCB11 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000332**	**-.000760**	**.0001520**	**.0009090**	**.0024541**	**.0036957**	**-.005213**
Stddev	.000304	.000931	.0005101	.0040497	.0021662	.0037947	.000050
%RSD	91.70602	122.4676	335.5179	445.4985	88.26709	102.6812	.9597168
#1	-.000084	-.001801	.0004578	.0014924	.0009062	.0010342	-.005171
#2	-.000671	-.000471	-.000437	.0046354	.0049296	.0020118	-.005201
#3	-.000239	-.000008	.000435	-.003401	.0015265	.0080409	-.005268

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000029**	**.0001263**	**.0009467**	**.0006679**	**.0001009**	**.0001506**	**.0022318**
Stddev	.000043	.0000223	.0041724	.0004102	.0001455	.0003142	.0020436
%RSD	149.5955	17.63790	440.7435	61.41922	144.1967	208.5944	91.56745
#1	-.000045	.0001008	-.002984	.0004885	.0002644	.0004583	.0045726
#2	-.000061	.0001422	.005325	.0011373	-.000015	.0001632	.0008025
#3	.000020	.0001358	.000499	.0003779	.000053	-.000170	.0013204

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0001130**	**-.002308**	**.0002756**	**.0003495**	**-.084637**	**-.000301**	**-.000075**
Stddev	.0000179	.014404	.0000718	.0000905	.004504	.000802	.000443
%RSD	15.80349	624.0688	26.06413	25.88825	5.321057	266.3808	589.7216
#1	.0001327	.003810	.0003483	.0002765	-.089724	.000426	.000232
#2	.0000978	.008027	.0002046	.0004507	-.081156	-.001162	-.000584
#3	.0001086	-.018761	.0002739	.0003212	-.083032	-.000167	.000126

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.004772**	**.0053356**	**.0008054**	**.0005672**	**.0005727**	**.0130340**	**-.002645**
Stddev	.006468	.0004711	.0000441	.0004467	.0002186	.0056910	.002509
%RSD	135.5331	8.828973	5.472600	78.74375	38.17483	43.66265	94.86144
#1	-.008325	.0057111	.0007959	.0005022	.0004651	.0180338	-.005261
#2	-.008686	.0054885	.0008535	.0010428	.0008242	.0142271	-.000258
#3	.002694	.0048070	.0007669	.0001566	.0004287	.0068410	-.002416

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: CCB11 Acquired: 6/11/2025 1:39:41 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCB11 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	**-.002068**	**-.000975**	**.0003978**
Stddev	.001673	.000963	.0000261
%RSD	80.88523	98.73829	6.553482
#1	-.000290	.000101	.0004266
#2	-.002305	-.001271	.0003758
#3	-.003610	-.001755	.0003910

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3326.777**	**77942.02**	**12896.35**	**2460.298**	**4770.773**
Stddev	4.926	300.63	12.16	17.606	9.742
%RSD	.1480676	.3857035	.0943069	.7156234	.2042077
#1	3322.783	77800.29	12890.86	2454.666	4773.768
#2	3325.265	78287.31	12910.29	2480.031	4778.666
#3	3332.281	77738.45	12887.90	2446.196	4759.885

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2273-05 Acquired: 6/11/2025 1:44:01 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1567246	-.022532	.2395634	-.041870	-.003593	82.90865	.6118439
Stddev	.0020878	.002104	.0002326	.004539	.001231	.19880	.0016218
%RSD	1.332145	9.336046	.0970889	10.84138	34.26472	.2397877	.2650708
#1	.1574507	-.024746	.2397636	-.037253	-.004627	82.72189	.6122983
#2	.1583524	-.020559	.2396182	-.046327	-.003921	83.11763	.6131900
#3	.1543707	-.022292	.2393083	-.042031	-.002231	82.88643	.6100433

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0261484	.0249122	71.85126	.2433231	.4033648	.0227868	218.6814
Stddev	.0000366	.0003635	.27704	.0005955	.0022176	.0002864	.4694
%RSD	.1398817	1.459114	.3855719	.2447240	.5497795	1.256973	.2146693
#1	.0261775	.0249431	71.72504	.2426414	.4024656	.0226097	219.1820
#2	.0261074	.0245342	72.16893	.2435862	.4017380	.0226335	218.6109
#3	.0261604	.0252592	71.65980	.2437418	.4058908	.0231173	218.2511

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.514140	99.70872	1.022193	-.002749	2.653715	.1997946	1.103979
Stddev	.005167	.37143	.006305	.000069	.009344	.0018168	.002622
%RSD	.3412206	.3725186	.6168140	2.514911	.3521114	.9093158	.2374988
#1	1.513062	99.50498	1.019148	-.002821	2.664457	.2018508	1.105340
#2	1.519760	100.1374	1.017989	-.002683	2.647469	.1984065	1.105642
#3	1.509597	99.4837	1.029443	-.002742	2.649218	.1991264	1.100957

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	35.54832	-.120790	.0025607	.0077120	4.554378	1.435867	16.34634
Stddev	.10725	.002777	.0002234	.0011046	.011155	.021473	.10226
%RSD	.3016971	2.298819	8.723574	14.32353	.2449189	1.495460	.6255941
#1	35.64953	-.117681	.0027614	.0066422	4.550943	1.441752	16.28092
#2	35.43591	-.123023	.0026006	.0076453	4.566846	1.453784	16.29391
#3	35.55952	-.121667	.0023200	.0088485	4.545345	1.412066	16.46418

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2273-05 Acquired: 6/11/2025 1:44:01 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	**9.984211**	**.4581065**	**.3396798**
Stddev	.027864	.0018220	.0007645
%RSD	.2790772	.3977301	.2250587
#1	9.984171	.4600909	.3393450
#2	9.956368	.4577196	.3405545
#3	10.01210	.4565089	.3391398

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**4403.055**	**107073.8**	**18104.59**	**3297.432**	**3935.622**
Stddev	15.987	29.9	63.69	20.866	7.633
%RSD	.3630889	.0279495	.3517680	.6327957	.1939485
#1	4386.065	107041.5	18152.62	3284.784	3930.468
#2	4405.298	107079.6	18032.35	3285.996	3944.391
#3	4417.802	107100.5	18128.80	3321.516	3932.007

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2274-01 Acquired: 6/11/2025 1:48:06 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1401661	-.007865	.1492689	-.102929	-.014997	324.3934	1.303062
Stddev	.0045122	.003131	.0019866	.003090	.001993	1.4704	.009442
%RSD	3.219159	39.80344	1.330873	3.001599	13.29143	.4532785	.7245794
#1	.1415193	-.010325	.1489137	-.099364	-.013409	326.0902	1.313318
#2	.1351322	-.008929	.1474840	-.104813	-.014348	323.4937	1.301136
#3	.1438468	-.004341	.1514092	-.104611	-.017234	323.5962	1.294731

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0173669	.0369240	7.792787	.4047716	.3402418	.3254747	568.4682
Stddev	.0001573	.0009856	.038675	.0019797	.0010767	.0012885	.8251
%RSD	.9056242	2.669380	.4962863	.4890816	.3164500	.3958681	.1451456
#1	.0173412	.0363461	7.822459	.4051752	.3404872	.3241151	568.7962
#2	.0172240	.0363639	7.806854	.4065184	.3390636	.3256312	569.0789
#3	.0175354	.0380621	7.749048	.4026213	.3411747	.3266777	567.5296

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.889365	12.04971	.3813531	-.014299	2.148165	.7783513	.3657555
Stddev	.030627	.07022	.0021398	.000083	.005886	.0035365	.0014543
%RSD	.5200363	.5827169	.5611173	.5822380	.2739890	.4543608	.3976091
#1	5.915711	12.03057	.3817002	-.014205	2.153924	.7801896	.3665118
#2	5.896622	12.12751	.3790609	-.014364	2.148411	.7805901	.3666757
#3	5.855761	11.99104	.3832982	-.014327	2.142161	.7742742	.3640789

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.068990	^ *****	.0022392	.0139666	4.620266	3.144027	8.697187
Stddev	.026196	-----	.0002839	.0011680	.019919	.014374	.045099
%RSD	.4316442	-----	12.67912	8.362679	.4311181	.4571948	.5185465
#1	6.089088	^ -----	.0025151	.0151212	4.638133	3.128391	8.672507
#2	6.078519	^ -----	.0019479	.0139928	4.623876	3.156668	8.669815
#3	6.039363	^ -----	.0022545	.0127857	4.598789	3.147021	8.749240

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2274-01 Acquired: 6/11/2025 1:48:06 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.023693	.2834817	-.519409
Stddev	.009086	.0004298	.000754
%RSD	.8875818	.1516202	.1451360
#1	1.015793	.2835993	-.519600
#2	1.033622	.2838405	-.520049
#3	1.021664	.2830054	-.518578

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3579.339	84025.75	13643.18	2679.343	4054.882
Stddev	15.350	103.10	18.66	12.311	18.496
%RSD	.4288427	.1226975	.1367754	.4594890	.4561430
#1	3590.718	83993.44	13637.63	2666.655	4065.130
#2	3585.418	83942.68	13627.92	2680.137	4065.987
#3	3561.880	84141.13	13663.98	2691.239	4033.531

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2274-01DUP Acquired: 6/11/2025 1:52:26 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1452166	-.010585	.1516536	-.107378	-.019385	319.5611	1.283863
Stddev	.0023956	.003234	.0025958	.009906	.001142	1.9311	.001785
%RSD	1.649641	30.55626	1.711663	9.225577	5.893548	.6043028	.1389952
#1	.1439811	-.011148	.1496660	-.104026	-.020550	317.3411	1.284456
#2	.1436910	-.013501	.1507044	-.118525	-.019337	320.8530	1.285276
#3	.1479776	-.007106	.1545904	-.099582	-.018267	320.4890	1.281858

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0172598	.0380510	7.995871	.4027346	.3405480	.3244527	579.5353
Stddev	.0001141	.0006347	.032982	.0020004	.0008680	.0008772	2.1166
%RSD	.6612101	1.668085	.4124864	.4966953	.2548809	.2703480	.3652259
#1	.0172969	.0373860	7.973032	.4019414	.3401386	.3243143	581.0941
#2	.0171317	.0381166	8.033683	.4012524	.3399604	.3236531	580.3862
#3	.0173507	.0386504	7.980897	.4050099	.3415450	.3253909	577.1257

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.044976	12.31522	.3808674	-.015591	2.198625	.7799583	.3721725
Stddev	.010894	.02514	.0008010	.000808	.016659	.0024974	.0020890
%RSD	.1802211	.2041081	.2103031	5.184470	.7577082	.3201923	.5613056
#1	6.033946	12.34191	.3813658	-.015267	2.193852	.7782043	.3708014
#2	6.055729	12.29200	.3799435	-.014996	2.217150	.7788529	.3711392
#3	6.045255	12.31174	.3812929	-.016511	2.184873	.7828175	.3745768

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.160096	^ *****	.0023864	.0168360	4.628712	3.131112	8.708486
Stddev	.005884	-----	.0003236	.0011122	.001109	.005863	.017951
%RSD	.0955164	-----	13.55921	6.605949	.0239514	.1872648	.2061365
#1	6.166076	^ -----	.0021613	.0172702	4.627897	3.133520	8.693644
#2	6.159900	^ -----	.0027572	.0176656	4.628264	3.135389	8.703377
#3	6.154313	^ -----	.0022406	.0155722	4.629974	3.124429	8.728439

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2274-01DUP Acquired: 6/11/2025 1:52:26 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.053728	.2905786	-.529501
Stddev	.008386	.0013625	.002157
%RSD	.7958045	.4688972	.4073112
#1	1.056418	.2921191	-.531146
#2	1.044328	.2895317	-.530298
#3	1.060439	.2900849	-.527059

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3563.524	83813.24	13750.96	2664.097	4040.043
Stddev	11.950	175.60	23.60	7.046	7.011
%RSD	.3353344	.2095114	.1715889	.2644654	.1735457
#1	3575.512	83649.74	13778.17	2656.839	4047.202
#2	3551.612	83791.13	13738.64	2670.909	4033.189
#3	3563.449	83998.85	13736.08	2664.542	4039.739

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2274-01LX5 Acquired: 6/11/2025 1:56:49 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0327548	-.001900	.0331072	-.027431	-.004435	76.70230	.2945163
Stddev	.0002014	.001484	.0007820	.002601	.001868	.78486	.0015380
%RSD	.6148565	78.08188	2.362100	9.481378	42.11658	1.023254	.5221953
#1	.0325445	-.001781	.0322267	-.024664	-.003024	75.80214	.2929351
#2	.0329459	-.000480	.0337211	-.027804	-.003727	77.24344	.2960071
#3	.0327740	-.003440	.0333737	-.029825	-.006553	77.06132	.2946066

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0043237	.0040087	1.662253	.0992193	.0720705	.0837223	134.7587
Stddev	.0000947	.0001880	.008972	.0001108	.0003697	.0007977	.1325
%RSD	2.190517	4.690532	.5397344	.1116426	.5129792	.9528441	.0983427
#1	.0043899	.0042238	1.653049	.0990949	.0720382	.0846197	134.7559
#2	.0042152	.0038758	1.670973	.0993073	.0717179	.0830935	134.6276
#3	.0043660	.0039264	1.662739	.0992558	.0724552	.0834538	134.8926

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.404238	2.917964	.0823386	-.004283	.3823492	.1843412	.0861325
Stddev	.007377	.019905	.0004243	.000400	.0045738	.0018458	.0007300
%RSD	.5253481	.6821623	.5152705	9.338953	1.196236	1.001305	.8475185
#1	1.397546	2.902811	.0825082	-.004129	.3774484	.1822122	.0867169
#2	1.412149	2.910575	.0818558	-.003984	.3865044	.1854922	.0853143
#3	1.403021	2.940508	.0826518	-.004738	.3830948	.1853193	.0863665

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.301326	-.181054	.0004951	.0033697	1.144205	1.226241	1.754297
Stddev	.004112	.003248	.0002625	.0010331	.011393	.006820	.008853
%RSD	.3159476	1.793800	53.01849	30.65892	.9957072	.5561596	.5046191
#1	1.302212	-.177363	.0003659	.0023836	1.132393	1.218804	1.745180
#2	1.296843	-.183474	.0007972	.0032814	1.155127	1.227715	1.754855
#3	1.304922	-.182325	.0003223	.0044442	1.145095	1.232203	1.762858

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2274-01LX5 Acquired: 6/11/2025 1:56:49 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2025095	.0656280	-.123141
Stddev	.0046149	.0003579	.000172
%RSD	2.278840	.5453411	.1394532
#1	.2036952	.0659774	-.123133
#2	.1974174	.0656446	-.122974
#3	.2064158	.0652621	-.123317

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3414.818	78447.22	12119.49	2504.029	4519.737
Stddev	13.505	136.97	54.33	20.998	7.935
%RSD	.3954878	.1746023	.4483094	.8385529	.1755708
#1	3399.735	78290.62	12168.24	2479.986	4510.581
#2	3418.928	78544.71	12060.92	2518.758	4524.617
#3	3425.790	78506.34	12129.31	2513.344	4524.013

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2274-01MS Acquired: 6/11/2025 2:01:01 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.7931613**	**1.656149**	**1.029250**	**1.384982**	**.2820783**	**328.9713**	**1.174436**
Stddev	.0046670	.011845	.000893	.009906	.0041850	1.4921	.000377
%RSD	.5884007	.7152016	.0867539	.7152506	1.483639	.4535716	.0321113
#1	.7984222	1.669750	1.028461	1.396345	.2831844	328.2912	1.174443
#2	.7895197	1.650592	1.030220	1.378162	.2855992	327.9404	1.174055
#3	.7915419	1.648103	1.029070	1.380439	.2774514	330.6823	1.174809

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1870662**	**.2310527**	**9.618640**	**.6018536**	**.4583421**	**.4932539**	**534.4535**
Stddev	.0007808	.0004224	.057460	.0010599	.0006965	.0020077	1.8928
%RSD	.4174034	.1828159	.5973794	.1761055	.1519676	.4070345	.3541500
#1	.1863341	.2310046	9.664936	.6029358	.4583081	.4922284	535.4613
#2	.1869764	.2306564	9.636652	.6018075	.4576631	.4919660	535.6291
#3	.1878880	.2314971	9.554332	.6008176	.4590549	.4955673	532.2701

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**5.352690**	**14.98456**	**.8321150**	**.0468396**	**4.197723**	**.8903031**	**.5542831**
Stddev	.010896	.07696	.0011886	.0007982	.004329	.0030621	.0014881
%RSD	.2035582	.5136092	.1428422	1.704153	.1031279	.3439396	.2684744
#1	5.363253	15.03172	.8328914	.0464164	4.196166	.8867847	.5556390
#2	5.353329	14.89575	.8307467	.0477604	4.202616	.8923659	.5526910
#3	5.341489	15.02622	.8327071	.0463422	4.194389	.8917586	.5545193

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**13.69622**	**^ *****	**.3302616**	**.6530910**	**3.969980**	**3.568842**	**13.94245**
Stddev	.01983	-----	.0008865	.0025400	.005679	.003158	.02845
%RSD	.1447990	-----	.2684231	.3889276	.1430404	.0884987	.2040631
#1	13.67941	^ -----	.3310197	.6502141	3.965651	3.565459	13.91201
#2	13.71809	^ -----	.3292869	.6540348	3.967879	3.569355	13.94696
#3	13.69116	^ -----	.3304783	.6550240	3.976410	3.571713	13.96838

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2274-01MS Acquired: 6/11/2025 2:01:01 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.268875	.4191444	-.315160
Stddev	.009289	.0018050	.002003
%RSD	.7320756	.4306264	.6354761
#1	1.260391	.4208267	-.316573
#2	1.267432	.4193688	-.316038
#3	1.278801	.4172378	-.312868

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3622.322	85320.37	13624.99	2703.258	4025.723
Stddev	11.337	59.11	11.52	12.796	10.175
%RSD	.3129624	.0692811	.0845488	.4733419	.2527532
#1	3612.665	85349.13	13637.73	2699.120	4018.665
#2	3634.804	85252.38	13621.93	2717.611	4037.387
#3	3619.496	85359.59	13615.30	2693.043	4021.117

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2274-01MSD Acquired: 6/11/2025 2:05:15 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.8241027**	**1.736317**	**1.052965**	**1.452367**	**.2858308**	**302.6535**	**1.155256**
Stddev	.0069676	.011285	.000666	.010262	.0032340	1.2765	.005000
%RSD	.8454800	.6499615	.0632856	.7065671	1.131437	.4217853	.4328188
#1	.8301065	1.736009	1.052969	1.441012	.2866625	302.8305	1.156776
#2	.8164626	1.725190	1.052297	1.460979	.2822621	303.8324	1.159319
#3	.8257391	1.747754	1.053630	1.455109	.2885676	301.2977	1.149672

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1886236**	**.2239708**	**9.970754**	**.6578109**	**.4469363**	**.4811151**	**555.6984**
Stddev	.0001785	.0010137	.017073	.0000878	.0007283	.0017623	1.9247
%RSD	.0946359	.4525850	.1712314	.0133394	.1629451	.3662978	.3463640
#1	.1888152	.2245015	9.989895	.6577097	.4463315	.4815563	554.4567
#2	.1885937	.2228019	9.965269	.6578582	.4467326	.4791742	557.9156
#3	.1884620	.2246089	9.957097	.6578649	.4477447	.4826150	554.7230

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**5.393194**	**14.77015**	**.8227411**	**.0603111**	**4.529461**	**.8981132**	**.5479899**
Stddev	.014124	.05174	.0020912	.0005196	.019697	.0032488	.0018649
%RSD	.2618869	.3503220	.2541807	.8615498	.4348558	.3617362	.3403166
#1	5.392641	14.79325	.8232138	.0598450	4.548861	.8986112	.5501383
#2	5.407586	14.80632	.8204539	.0608713	4.530043	.9010842	.5467892
#3	5.379354	14.71088	.8245555	.0602170	4.509480	.8946441	.5470421

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**14.31472**	**^ *****	**.3491503**	**.6614310**	**3.820540**	**3.644334**	**13.38273**
Stddev	.07208	-----	.0013029	.0016350	.010280	.028778	.04336
%RSD	.5035696	-----	.3731607	.2471830	.2690605	.7896621	.3240341
#1	14.38025	^ -----	.3495755	.6595650	3.828606	3.653127	13.36236
#2	14.32640	^ -----	.3476879	.6626122	3.824049	3.667690	13.35330
#3	14.23751	^ -----	.3501875	.6621158	3.808966	3.612185	13.43253

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2274-01MSD Acquired: 6/11/2025 2:05:15 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.139663	.4386526	-.323203
Stddev	.001810	.0023338	.001530
%RSD	.1587903	.5320307	.4733003
#1	1.139579	.4386024	-.321801
#2	1.137897	.4410110	-.324834
#3	1.141514	.4363443	-.322974

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3589.282	82885.09	13717.45	2654.031	4116.481
Stddev	20.019	214.11	15.08	5.556	23.821
%RSD	.5577486	.2583224	.1099605	.2093572	.5786711
#1	3573.341	82637.90	13719.57	2648.343	4102.757
#2	3611.751	83012.36	13701.42	2659.446	4143.987
#3	3582.755	83005.02	13731.37	2654.303	4102.698

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2274-01A Acquired: 6/11/2025 2:09:29 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.8249722**	**1.718317**	**1.051172**	**1.524950**	**.6577858**	**319.8100**	**1.491607**
Stddev	.0044107	.005054	.004686	.004648	.0052519	.4641	.005515
%RSD	.5346474	.2941294	.4457990	.3048074	.7984183	.1451031	.3697544
#1	.8216667	1.715608	1.050112	1.522983	.6570667	320.0915	1.485470
#2	.8232695	1.715196	1.047106	1.530258	.6529305	319.2744	1.493201
#3	.8299805	1.724149	1.056297	1.521609	.6633601	320.0641	1.496150

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1832649**	**.2244215**	**8.456532**	**.7268177**	**.5319751**	**.5508309**	**581.7134**
Stddev	.0005030	.0010102	.052991	.0024762	.0016011	.0023956	3.0026
%RSD	.2744467	.4501140	.6266238	.3406926	.3009685	.4349127	.5161676
#1	.1834435	.2241548	8.448348	.7291285	.5315080	.5508475	578.2606
#2	.1836541	.2235715	8.408110	.7242040	.5306596	.5484270	583.7123
#3	.1826970	.2255383	8.513139	.7271206	.5337578	.5532182	583.1674

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**6.057693**	**13.50794**	**.8633972**	**.0592463**	**4.695328**	**1.027031**	**.5268879**
Stddev	.022140	.10379	.0016356	.0010433	.026558	.003471	.0018591
%RSD	.3654933	.7683553	.1894336	1.760935	.5656361	.3379350	.3528385
#1	6.062323	13.62104	.8631405	.0581925	4.673772	1.027592	.5257001
#2	6.033604	13.48572	.8619052	.0602788	4.687216	1.030187	.5259332
#3	6.077153	13.41706	.8651460	.0592676	4.724997	1.023314	.5290303

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**14.61633**	**^ *****	**.3474891**	**.6738099**	**4.897573**	**5.424748**	**14.23532**
Stddev	.05276	-----	.0015884	.0014462	.004884	.008132	.05908
%RSD	.3609937	-----	.4571071	.2146248	.0997145	.1498982	.4149978
#1	14.58069	^ -----	.3468896	.6733219	4.896433	5.420028	14.18359
#2	14.59136	^ -----	.3462876	.6754369	4.893360	5.420079	14.22268
#3	14.67695	^ -----	.3492900	.6726708	4.902926	5.434138	14.29970

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: Q2274-01A Acquired: 6/11/2025 2:09:29 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9951382	.4376542	-.360833
Stddev	.0081417	.0026074	.002485
%RSD	.8181490	.5957756	.6887722
#1	.9870493	.4347482	-.358011
#2	.9950335	.4384251	-.362694
#3	1.003332	.4397892	-.361794

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3616.110	84029.47	14017.98	2706.514	4085.573
Stddev	20.725	242.46	14.76	13.338	17.696
%RSD	.5731234	.2885423	.1053097	.4928120	.4331429
#1	3629.568	84018.24	14015.17	2716.772	4097.540
#2	3626.518	84277.35	14033.94	2711.333	4093.933
#3	3592.244	83792.81	14004.82	2691.436	4065.245

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: CCV12 Acquired: 6/11/2025 2:21:21 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCV12 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.848961**	**4.659661**	**4.814579**	**4.878329**	**4.838552**	**10.17763**	**10.03840**
Stddev	.535042	.457066	.423067	.573471	.560832	.01456	.04747
%RSD	11.03416	9.808991	8.787212	11.75549	11.59091	.1430811	.4728929
#1	5.167494	4.892520	5.063064	5.222790	5.175546	10.16174	10.02802
#2	5.148140	4.953404	5.054587	5.195872	5.148969	10.18078	9.99697
#3	4.231249	4.133059	4.326088	4.216323	4.191141	10.19035	10.09020

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2636179**	**2.403527**	**24.85389**	**1.030089**	**2.415749**	**1.197632**	**4.927882**
Stddev	.0022132	.204083	.10821	.004458	.216748	.127174	.036231
%RSD	.8395474	8.490989	.4353650	.4327664	8.972299	10.61878	.7352168
#1	.2618826	2.521693	24.77052	1.025132	2.543294	1.274956	4.912401
#2	.2628607	2.521015	24.81498	1.033769	2.538469	1.267086	4.969281
#3	.2661103	2.167872	24.97617	1.031367	2.165485	1.050855	4.901963

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.492256**	**24.90475**	**2.420807**	**1.277193**	**22.81626**	**2.529708**	**2.592038**
Stddev	.009950	.22277	.215013	.004224	.28306	.005435	.009429
%RSD	.3992507	.8944814	8.881878	.3307454	1.240586	.2148469	.3637829
#1	2.480901	24.71039	2.545373	1.277171	22.92175	2.523485	2.591247
#2	2.496412	24.85600	2.544517	1.281428	23.03141	2.532113	2.601838
#3	2.499455	25.14786	2.172532	1.272980	22.49560	2.533525	2.583029

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**23.07546**	**5.207556**	**4.847220**	**4.808914**	**5.049312**	**5.067808**	**4.769129**
Stddev	.28790	.035002	.509891	.418780	.003689	.028121	.460724
%RSD	1.247650	.6721415	10.51925	8.708415	.0730553	.5549003	9.660549
#1	23.16620	5.185846	5.149046	5.047851	5.051825	5.048523	5.025893
#2	23.30706	5.188886	5.134102	5.053532	5.051035	5.100076	5.044257
#3	22.75312	5.247934	4.258511	4.325360	5.045077	5.054827	4.237236

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: CCV12 Acquired: 6/11/2025 2:21:21 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCV12 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	**4.639533**	**4.546802**	**5.107126**
Stddev	.459006	.031870	.010444
%RSD	9.893358	.7009226	.2044951
#1	4.891980	4.564969	5.097228
#2	4.916904	4.565433	5.106108
#3	4.109714	4.510003	5.118041

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3407.371**	**74154.40**	**11656.76**	**2343.860**	**4547.508**
Stddev	365.988	510.89	17.82	21.080	431.292
%RSD	10.74108	.6889486	.1528994	.8993791	9.484142
#1	3179.315	73984.88	11667.22	2332.820	4282.453
#2	3213.275	73749.83	11666.89	2330.592	4314.904
#3	3829.523	74728.50	11636.18	2368.167	5045.169

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: CCB12 Acquired: 6/11/2025 2:25:32 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCB12 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004869	.0000449	.0005131	-.002005	.0020187	.0013977	-.005228
Stddev	.0013717	.0009996	.0012210	.003660	.0009673	.0027328	.000097
%RSD	281.6842	2227.401	237.9548	182.5138	47.91337	195.5201	1.847522
#1	-.000671	.0004515	.0011692	.001429	.0017338	.0000903	-.005313
#2	.002002	-.001094	-.000896	-.005855	.0012260	-.000436	-.005123
#3	.000130	.000777	.001266	-.001590	.0030965	.004539	-.005247

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000015	.0000889	.0048310	.0001543	.0000015	.0001767	.0016538
Stddev	.000025	.0000301	.0060777	.0000359	.0001811	.0002453	.0009310
%RSD	165.4332	33.82648	125.8057	23.27755	11840.02	138.7951	56.29357
#1	-.000040	.0000861	.0086541	.0001444	.0001737	.0000023	.0007323
#2	-.000016	.0000604	.0080163	.0001244	-.000187	.0004572	.0025939
#3	.000010	.0001204	-.002177	.0001941	.000018	.0000707	.0016351

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000163	.0130296	.0000352	.0003938	-.101038	-.000429	.0000312
Stddev	.000239	.0035945	.0002622	.0000296	.003692	.000653	.0002388
%RSD	146.4531	27.58730	744.4581	7.522486	3.654428	152.1564	766.3079
#1	-.000439	.0114414	.0002877	.0004047	-.100156	-.000190	-.000034
#2	-.000037	.0105028	.0000537	.0004164	-.097866	.000071	.000296
#3	-.000014	.0171447	-.000236	.0003602	-.105091	-.001169	-.000168

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.010452	.0075400	.0008626	-.000079	.0001357	.0122177	-.001076
Stddev	.006558	.0002214	.0002832	.000223	.0003330	.0088611	.000411
%RSD	62.74012	2.936973	32.83182	280.2930	245.4989	72.52641	38.21242
#1	-.016561	.0074553	.0010138	-.000161	-.000122	.0110273	-.001533
#2	-.011274	.0077913	.0010382	-.000250	.000017	.0040120	-.000736
#3	-.003523	.0073734	.0005359	.000173	.000512	.0216138	-.000958

Reviewed By:jaswal
On:6/11/2025 2:45:55 PM
Inst Id :P4
LB :LB136097

Sample Name: CCB12 Acquired: 6/11/2025 2:25:32 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCB12 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001221	-.001901	.0002185
Stddev	.001556	.001131	.0000195
%RSD	127.4158	59.52632	8.916382
#1	.000570	-.002770	.0002406
#2	-.001998	-.000622	.0002112
#3	-.002236	-.002310	.0002037

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3360.711	79975.60	13134.91	2518.553	4828.093
Stddev	16.758	249.22	29.06	13.603	17.789
%RSD	.4986576	.3116184	.2212802	.5400971	.3684433
#1	3366.236	80253.03	13101.69	2531.188	4826.865
#2	3374.010	79770.67	13155.64	2504.155	4846.464
#3	3341.888	79903.11	13147.41	2520.316	4810.950

Sample Name: PB168359BS Acquired: 6/10/2025 22:21:45 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Reviewed By:jasw
On:6/11/2025 2:45 PM
Inst Id :P4
LB :LB136097

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8299903	2.083796	1.037980	2.100959	.8370630	2.024311
Stddev	.0051471	.022181	.002262	.014360	.0037598	.010788
%RSD	.6201374	1.064468	.2179615	.6834925	.4491679	.5329018
#1	.8289917	2.089641	1.039260	2.093123	.8338710	2.036227
#2	.8254157	2.059278	1.035368	2.092222	.8361106	2.021496
#3	.8355635	2.102470	1.039313	2.117532	.8412075	2.015210

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1991139	.2150747	.2094960	1.065851	.4293483	.2116636
Stddev	.0008442	.0008594	.0012335	.008149	.0014878	.0011609
%RSD	.4239563	.3995758	.5887987	.7645827	.3465232	.5484632
#1	.2000846	.2140989	.2102394	1.056881	.4301197	.2120085
#2	.1987054	.2157187	.2080721	1.067871	.4302920	.2103693
#3	.1985517	.2154066	.2101765	1.072799	.4276333	.2126129

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3252828	3.065655	.2111882	2.034309	.5311937	.0778391
Stddev	.0016910	.009029	.0005554	.002998	.0024607	.0004008
%RSD	.5198635	.2945345	.2629823	.1473755	.4632396	.5148913
#1	.3247464	3.059082	.2113744	2.032813	.5311482	.0777088
#2	.3239250	3.061932	.2105637	2.032353	.5287560	.0782888
#3	.3271769	3.075950	.2116266	2.037761	.5336768	.0775196

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.607921	.3100902	.2161906	9.143757	.3146479	.4271239
Stddev	.034323	.0022832	.0009225	.041468	.0025499	.0019749
%RSD	1.316119	.7362960	.4267117	.4535114	.8104092	.4623619
#1	2.647048	.3095349	.2171405	9.191621	.3118207	.4261064
#2	2.593825	.3081358	.2161329	9.118647	.3167737	.4258654
#3	2.582890	.3125998	.2152982	9.121004	.3153493	.4294001

Sample Name: PB168359BS Acquired: 6/10/2025 22:21:45 Type: Unk
Method: 6010-200.7 NEW(v2) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Reviewed By:jasw
On:6/11/2025 2:45 PM
Inst Id :P4
LB :LB136097

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7261526	.2035003	.8814184	6.042652	F -.000345	.1724666
Stddev	.0047411	.0007508	.0073438	.030146	.001232	.0009558
%RSD	.6529105	.3689279	.8331811	.4988796	357.1186	.5542122
#1	.7286676	.2038604	.8898371	6.051011	.001056	.1726983
#2	.7206839	.2026374	.8763282	6.009209	-.000828	.1714162
#3	.7291063	.2040032	.8780899	6.067736	-.001263	.1732853

Elem	Sr4077
Units	ppm
Avg	.2066013
Stddev	.0006473
%RSD	.3133008
#1	.2073332
#2	.2063664
#3	.2061042

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3382.712	78985.54	12287.32	2537.630	4702.506
Stddev	33.832	195.07	47.50	20.056	36.017
%RSD	1.000140	.2469683	.3865579	.7903350	.7659129
#1	3416.819	78772.91	12338.21	2516.877	4732.206
#2	3382.156	79027.46	12279.59	2556.907	4712.868
#3	3349.162	79156.24	12244.17	2539.105	4662.444

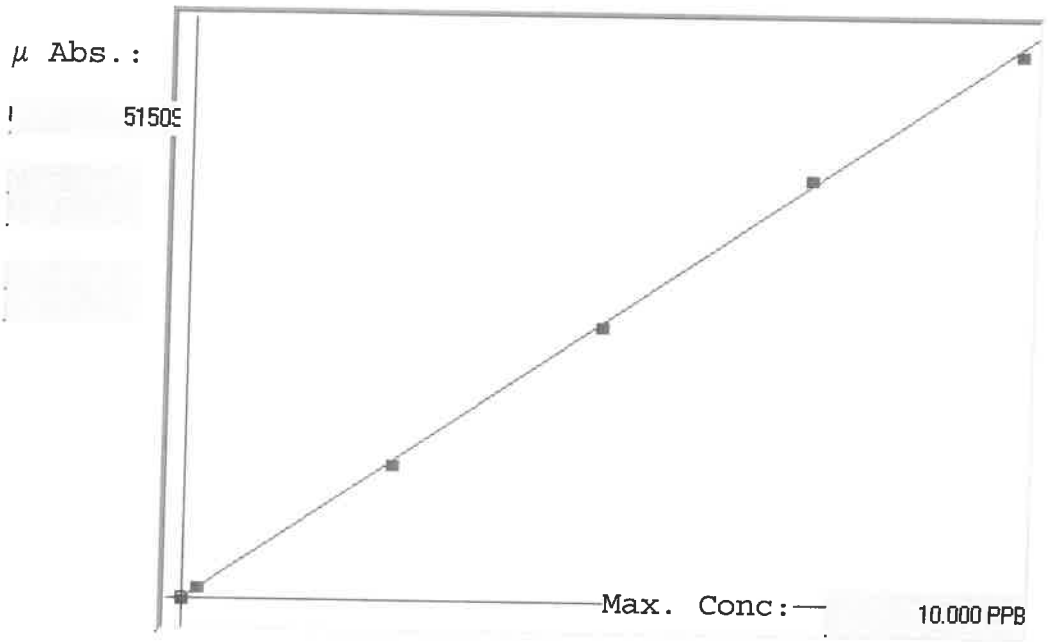
Reviewed By:jaswal
On:6/4/2025 5:41:40 PM
Inst Id :CV1
LB :LB135987

LB135987

7471B

INSTRUMENT ID: CV1

Linear



A= 0.0000e+000

B= 1.9260e-004

C= 4.5926e-003

Rho= 0.9998223

Accept=Accepted

Std ID	Conc.	Calc.	Dev.	Mean	SD or %RSD	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5	C/D
0.0	0.000	0.002	0.002	-15	0.000	-15					~
0.2	0.200	0.217	0.017	1104	0.0 %	1104					8
2.5	2.500	2.465	-0.035	12775	0.0 %	12775					-1
5.0	5.000	4.951	-0.049	25684	0.0 %	25684					-1
7.5	7.500	7.640	0.140	39643	0.0 %	39643					2
10.0	10.000	9.925	-0.075	51509	0.0 %	51509					-1

Reviewed By:jaswal
On:6/4/2025 5:41:40 PM
Inst Id :CV1
LB :LB135987

LB135987 INSTRUMENT ID : CV1

Method: 7471B Operator: Admin Date of Analysis: 03 Jun 2025 12:27:12

Sample ID	Extended ID	µ Abs.	Conc.	Stnd Conc	Method	Units	Date	Type	Type
0.0 - 1	50	-15	-	0.00000	7471B	PPB	03 Jun 2025 12:29:18	S	Std
0.2 - 1	50.2	1104	-	0.20000	7471B	PPB	03 Jun 2025 12:31:35	S	Std
2.5 - 1	52.5	12775	-	2.50000	7471B	PPB	03 Jun 2025 12:33:52	S	Std
5.0 - 1	55	25684	-	5.00000	7471B	PPB	03 Jun 2025 12:36:09	S	Std
7.5 - 1	57.5	39643	-	7.50000	7471B	PPB	03 Jun 2025 12:38:27	S	Std
10.0 - 1	510	51509	-	10.00000	7471B	PPB	03 Jun 2025 12:40:46	S	Std
ICV25 - 1	ICV25	21029	4.0547	-	7471B	PPB	03 Jun 2025 12:43:46	U	SMPL
ICB25 - 1	ICB25	-284	-0.0501	-	7471B	PPB	03 Jun 2025 12:46:02	U	SMPL
CCV90 - 1	CCV90	24460	4.7155	-	7471B	PPB	03 Jun 2025 12:48:20	U	SMPL
CCB90 - 1	CCB90	-272	-0.0478	-	7471B	PPB	03 Jun 2025 12:50:35	U	SMPL
CRA - 1	CRA	1052	0.2072	-	7471B	PPB	03 Jun 2025 12:52:53	U	SMPL
HighStd - 1	HighStd	51728	9.9673	-	7471B	PPB	03 Jun 2025 12:55:08	U	SMPL
ChkStd - 1	ChkStd	34428	6.6353	-	7471B	PPB	03 Jun 2025 12:57:23	U	SMPL
PB168248BL - 1	PBS	-196	-0.0332	-	7471B	PPB	03 Jun 2025 12:59:48	U	SMPL
PB168248BS - 1	LCSS	21026	4.0541	-	7471B	PPB	03 Jun 2025 13:04:46	U	SMPL
Q2152-01 - 1	OK-02-05292025	1532	0.2997	-	7471B	PPB	03 Jun 2025 13:07:03	U	SMPL
Q2153-01 - 1	TR-04-0592025	1008	0.1987	-	7471B	PPB	03 Jun 2025 13:09:22	U	SMPL
Q2159-01 - 1	TP05-MHO-WC	1035	0.2039	-	7471B	PPB	03 Jun 2025 13:11:40	U	SMPL
Q2160-01 - 1	TP04-MHG-WC	381	0.0780	-	7471B	PPB	03 Jun 2025 13:13:57	U	SMPL
Q2160-01DUP - 1	TP04-MHG-WCDUP	541	0.1088	-	7471B	PPB	03 Jun 2025 13:18:29	U	SMPL
CCV91 - 1	CCV91	23569	4.5439	-	7471B	PPB	03 Jun 2025 13:20:44	U	SMPL
CCB91 - 1	CCB91	-256	-0.0447	-	7471B	PPB	03 Jun 2025 13:22:59	U	SMPL
Q2160-01MS - 1	TP04-MHG-WCMS	20879	4.0258	-	7471B	PPB	03 Jun 2025 13:25:17	U	SMPL
Q2160-01MSD - 1	TP04-MHG-WCMSD	20591	3.9704	-	7471B	PPB	03 Jun 2025 13:27:33	U	SMPL
Q2160-05 - 1	TP05-MHH-WC	214	0.0458	-	7471B	PPB	03 Jun 2025 13:29:51	U	SMPL
Q2168-01 - 1	SAN-A1-A3	5519	1.0675	-	7471B	PPB	03 Jun 2025 13:32:10	U	SMPL
Q2168-05 - 1	SAN-B1-B3	7432	1.4360	-	7471B	PPB	03 Jun 2025 13:34:25	U	SMPL
Q2168-09 - 1	SAN-C1-C2	152491	29.3739	-	7471B	PPB	03 Jun 2025 13:36:44	U	SMPL
Q2172-01 - 1	TP06-MHQ	97	0.0233	-	7471B	PPB	03 Jun 2025 13:39:03	U	SMPL
Q2173-01 - 1	OR-400-CF-402B-COMP-23	12830	2.4756	-	7471B	PPB	03 Jun 2025 13:41:51	U	SMPL
Q2173-07 - 1	OR-400-CF-402B-COMP-24	18135	3.4973	-	7471B	PPB	03 Jun 2025 13:44:09	U	SMPL
Q2173-13 - 1	OR-400-CF-402B-COMP-25	7778	1.5026	-	7471B	PPB	03 Jun 2025 13:46:27	U	SMPL
CCV92 - 1	CCV92	23473	4.5254	-	7471B	PPB	03 Jun 2025 13:48:45	U	SMPL
CCB92 - 1	CCB92	-228	-0.0393	-	7471B	PPB	03 Jun 2025 13:51:04	U	SMPL
PB168249BL - 1	PBS	308	0.0639	-	7471B	PPB	03 Jun 2025 13:53:23	U	SMPL
PB168249BS - 1	LCSS	20880	4.0260	-	7471B	PPB	03 Jun 2025 13:55:39	U	SMPL
Q2175-02 - 1	52725	589	0.1180	-	7471B	PPB	03 Jun 2025 13:57:55	U	SMPL
Q2176-01 - 1	TP-46	643	0.1284	-	7471B	PPB	03 Jun 2025 14:00:13	U	SMPL
Q2176-02 - 1	TP-56	1839	0.3588	-	7471B	PPB	03 Jun 2025 14:02:29	U	SMPL
Q2176-03 - 1	TP-25	1912	0.3728	-	7471B	PPB	03 Jun 2025 14:04:45	U	SMPL
Q2176-04 - 1	TP-26	4289	0.8306	-	7471B	PPB	03 Jun 2025 14:07:02	U	SMPL
Q2176-05 - 1	TP-28	1179	0.2317	-	7471B	PPB	03 Jun 2025 14:09:20	U	SMPL
Q2176-06 - 1	TP-27	421	0.0857	-	7471B	PPB	03 Jun 2025 14:11:39	U	SMPL
Q2176-07 - 1	TP-31	974	0.1922	-	7471B	PPB	03 Jun 2025 14:13:55	U	SMPL
CCV93 - 1	CCV93	25339	4.8848	-	7471B	PPB	03 Jun 2025 14:16:11	U	SMPL
CCB93 - 1	CCB93	-185	-0.0310	-	7471B	PPB	03 Jun 2025 14:18:27	U	SMPL
Q2176-08 - 1	TP-65	770	0.1529	-	7471B	PPB	03 Jun 2025 14:25:41	U	SMPL
Q2176-08DUP - 1	TP-65DUP	757	0.1504	-	7471B	PPB	03 Jun 2025 14:27:56	U	SMPL
Q2176-08MS - 1	TP-65MS	19089	3.6811	-	7471B	PPB	03 Jun 2025 14:30:12	U	SMPL
Q2176-08MSD - 1	TP-65MSD	20776	4.0060	-	7471B	PPB	03 Jun 2025 14:32:28	U	SMPL
Q2177-02 - 1	B-187-SB01	8915	1.7216	-	7471B	PPB	03 Jun 2025 14:34:47	U	SMPL
Q2177-04 - 1	B-187-SB02	3319	0.6438	-	7471B	PPB	03 Jun 2025 14:37:06	U	SMPL
Q2177-06 - 1	B-202-SB01	5391	1.0429	-	7471B	PPB	03 Jun 2025 14:39:25	U	SMPL
Q2185-01 - 1	TP02-MHB-WC	811	0.1608	-	7471B	PPB	03 Jun 2025 14:41:43	U	SMPL
Q2185-05 - 1	TP01-MHB-WC	692	0.1379	-	7471B	PPB	03 Jun 2025 14:44:02	U	SMPL
Q2168-09DLX5 - 1		31709	6.1117	-	7471B	PPB	03 Jun 2025 14:46:18	U	SMPL
CCV94 - 1	CCV94	24689	4.7596	-	7471B	PPB	03 Jun 2025 14:48:34	U	SMPL
CCB94 - 1	CCB94	-313	-0.0557	-	7471B	PPB	03 Jun 2025 14:51:03	U	SMPL
Q2160-01LX5 - 1		356	0.0732	-	7471B	PPB	03 Jun 2025 14:53:21	U	SMPL
Q2160-01A - 1		20823	4.0150	-	7471B	PPB	03 Jun 2025 14:55:38	U	SMPL
Q2176-08LX5 - 1		113	0.0264	-	7471B	PPB	03 Jun 2025 14:57:53	U	SMPL
Q2176-08A - 1		21164	4.0807	-	7471B	PPB	03 Jun 2025 15:00:12	U	SMPL
CCV95 - 1	CCV95	24991	4.8178	-	7471B	PPB	03 Jun 2025 15:02:27	U	SMPL
CCB95 - 1	CCB95	-348	-0.0624	-	7471B	PPB	03 Jun 2025 15:04:47	U	SMPL

Alliance TECHNICAL GROUP

Soil/Sludge Metals Preparation Sheet

PB168245

SOP ID : M3050B-Digestion-20

SDG No : N/A

Matrix : SOIL

Pippete ID: ICP A

Balance ID : M SC-2

Filter paper ID : N/A

pH Strip ID : N/A

Hood ID : #3

Block ID: 1. HOT BLOCK #3 2. N/A

Start Digest Date: 06/02/2025 **Time :** 13:05 **Temp :** 96 °C

End Digest Date: 06/02/2025 **Time :** 15:15 **Temp :** 96 °C

Digestion tube ID: M6054

Block thermometer ID: MET-DIG. #3

Dig Technician Signature: SLG.

Supervisor Signature:

Temp : 1. 96°C 2. N/A

Standared Name	MLS USED	STD REF. # FROM LOG
LFS-1	1.00	M6007
LFS-2	1.00	M6016
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
CONC: HNO3	5.00	M6158
1:1 HNO3	10.00	MP84041
30% H2O2	3.00	M6162
Conc. HCL	10.00	M6151
PTFE Boiling Stones	N/A	M5581
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

HOT BLOCK#3 CELL#35 96 C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
06/2/25 16:15	SLG. met dig.	Metals Lab
	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

Soil/Sludge Metals Preparation Sheet

PB168245

Lab Sample ID	Client Sample ID	pH	Initial Weight (g)	Final Vol (ml)	Color Before	Color After	Texture	Artifact	Comment	Prep Pos
PB168245BL	PBS245	N/A	2.00	100	Colorless	Colorless	Fine	N/A	N/A	1
PB168245BS	LCS245	N/A	2.00	100	Colorless	Colorless	Fine	N/A	M6007,M6016	2
Q2175-02	52725	N/A	2.24	100	Brown	Yellow	Medium	N/A	N/A	3
Q2176-01	TP-46	N/A	2.46	100	Brown	Yellow	Medium	N/A	N/A	4
Q2176-02	TP-56	N/A	2.25	100	Brown	Yellow	Medium	N/A	N/A	5
Q2176-03	TP-25	N/A	2.10	100	Brown	Yellow	Medium	N/A	N/A	6
Q2176-04	TP-26	N/A	2.48	100	Brown	Yellow	Medium	N/A	N/A	7
Q2176-05	TP-28	N/A	2.22	100	Brown	Yellow	Medium	N/A	N/A	8
Q2176-06	TP-27	N/A	2.12	100	Brown	Yellow	Medium	N/A	N/A	9
Q2176-07	TP-31	N/A	2.15	100	Brown	Yellow	Medium	N/A	N/A	10
Q2176-08	TP-65	N/A	2.25	100	Brown	Yellow	Medium	N/A	N/A	11
Q2177-02	B-187-SB01	N/A	2.27	100	Brown	Yellow	Medium	N/A	N/A	12
Q2177-04	B-187-SB02	N/A	2.12	100	Brown	Yellow	Medium	N/A	N/A	13
Q2177-04MS	B-187-SB02MS	N/A	2.34	100	Brown	Yellow	Medium	N/A	M6007,M6016	15
Q2177-04MSD	B-187-SB02MSD	N/A	2.18	100	Brown	Yellow	Medium	N/A	M6007,M6016	16
Q2177-04DUP	B-187-SB02DUP	N/A	2.22	100	Brown	Yellow	Medium	N/A	N/A	14
Q2177-06	B-202-SB01	N/A	2.15	100	Brown	Yellow	Medium	N/A	N/A	17

WORKLIST(Hardcopy Internal Chain)

WorkList Name : PB168245 **WorkList ID :** 189880 **Department :** Digestion **Date :** 06-02-2025 12:25:24

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2175-02	52725	Solid	Metals ICP-TAL	Cool 4 deg C	PSEG03	L41	05/30/2025	6010D
Q2176-01	TP-46	Solid	Metals ICP-TAL	Cool 4 deg C	CAMP02	L41	05/28/2025	6010D
Q2176-02	TP-56	Solid	Metals ICP-TAL	Cool 4 deg C	CAMP02	L41	05/29/2025	6010D
Q2176-03	TP-25	Solid	Metals ICP-TAL	Cool 4 deg C	CAMP02	L41	05/29/2025	6010D
Q2176-04	TP-26	Solid	Metals ICP-TAL	Cool 4 deg C	CAMP02	L41	05/29/2025	6010D
Q2176-05	TP-28	Solid	Metals ICP-TAL	Cool 4 deg C	CAMP02	L41	05/29/2025	6010D
Q2176-06	TP-27	Solid	Metals ICP-TAL	Cool 4 deg C	CAMP02	L41	05/29/2025	6010D
Q2176-07	TP-31	Solid	Metals ICP-TAL	Cool 4 deg C	CAMP02	L41	05/29/2025	6010D
Q2176-08	TP-65	Solid	Metals ICP-TAL	Cool 4 deg C	CAMP02	L41	05/29/2025	6010D
Q2177-02	B-187-SB01	Solid	Metals ICP-TAL	Cool 4 deg C	CAMP02	L41	05/30/2025	6010D
Q2177-04	B-187-SB02	Solid	Metals ICP-TAL	Cool 4 deg C	PORT06	L41	05/31/2025	6010D
Q2177-06	B-202-SB01	Solid	Metals ICP-TAL	Cool 4 deg C	PORT06	L41	05/31/2025	6010D

Date/Time 06/02/25 12:40
Raw Sample Received by: Stas. met. dio
Raw Sample Relinquished by: [signature]

Date/Time 06/02/25 13:40
Raw Sample Received by: [signature]
Raw Sample Relinquished by: Stas. met. dio

Alliance TECHNICAL GROUP

Soil/Sludge Mercury Preparation Sheet

PB168249

SOP ID : M7471B-Mercury-18

SDG No : NA

Matrix : SOIL

Pippete ID: HG A

Balance ID : M SC-3

Filter paper ID : NA

pH Strip ID : NA

Hood ID : #1

Block ID: 1. HG HOT BLOCK#3 2. N/A

Start Digest Date: 06/02/2025 **Time :** 08:35 **Temp :** 94 °C

End Digest Date: 06/02/2025 **Time :** 09:05 **Temp :** 94 °C

Digestion tube ID: M5595

Block thermometer ID: HG-DIG#3

Dig Technician Signature: MB

Supervisor Signature: IR

Temp : 1. 94°C 2. N/A

Standared Name	MLS USED	STD REF. # FROM LOG
ICV	30mL	MP85820
CCV	30mL	MP85822
CRA	30mL	MP85824
Blank Spike	0.48mL	MP85813
Matrix Spike	0.48mL	MP85813

Chemical Used	ML/SAMPLE USED	Lot Number
AQUA REGIA	1.5mL	MP85826
KMnO4 (5%)	4.5mL	MP85241
Hydroxylamine HCL (12%)	2.0mL	MP85243
PTFE Boiling Stones	----------	M5582
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

LAB SAMPLE ID	CLIENT SAMPLE ID	Wt(g)/Vol(ml)	Comment
0.0 ppb	S0	30mL	MP85814
0.05 ppb	S0.05	N/A	N/A
0.2 ppb	S0.2	30mL	MP85815
2.5 ppb	S2.5	30mL	MP85816
5.0 ppb	S5.0	30mL	MP85817
7.5 ppb	S7.5	30mL	MP85818
10.0 ppb	S10.0	30mL	MP85819
ICV	ICV	30mL	MP85820
ICB	ICB	30mL	MP85821
CCV	CCV	30mL	MP85822
CCB	CCB	30mL	MP85823
CRI	CRI	30mL	MP85824
CHK STD	CHK STD	30mL	MP85825

Extraction Conformance/Non-Conformance Comments:

N/A

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
6/2/25 @ 9:30	MB - Hg Lab	MB - General Lab
	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

Soil/Sludge Mercury Preparation Sheet

PB168249

Lab Sample ID	Client Sample ID	Initial Weight (g)	Final Vol (ml)	pH	Comment	Prep Pos
PB168249BL	PBS249	0.55	35	NA	N/A	N/A
PB168249BS	LCS249	0.52	35	NA	MP85813	N/A
Q2175-02	52725	0.58	35	NA	N/A	N/A
Q2176-01	TP-46	0.59	35	NA	N/A	N/A
Q2176-02	TP-56	0.52	35	NA	N/A	N/A
Q2176-03	TP-25	0.54	35	NA	N/A	N/A
Q2176-04	TP-26	0.54	35	NA	N/A	N/A
Q2176-05	TP-28	0.55	35	NA	N/A	N/A
Q2176-06	TP-27	0.54	35	NA	N/A	N/A
Q2176-07	TP-31	0.52	35	NA	N/A	N/A
Q2176-08	TP-65	0.56	35	NA	N/A	N/A
Q2176-08DUP	TP-65DUP	0.58	35	NA	N/A	N/A
Q2176-08MS	TP-65MS	0.54	35	NA	MP85813	N/A
Q2176-08MSD	TP-65MSD	0.56	35	NA	MP85813	N/A
Q2177-02	B-187-SB01	0.58	35	NA	N/A	N/A
Q2177-04	B-187-SB02	0.60	35	NA	N/A	N/A
Q2177-06	B-202-SB01	0.54	35	NA	N/A	N/A
Q2185-01	TP02-MHB-WC	0.52	35	NA	N/A	N/A
Q2185-05	TP01-MHB-WC	0.50	35	NA	N/A	N/A

WORKLIST(Hardcopy Internal Chain)

WorkList Name : 052925_7471B **WorkList ID :** 189829 **Department :** Digestion **Date :** 05-29-2025 15:26:47

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2176-01	TP-46	Solid	Mercury	Cool 4 deg C	CAMP02	L41	05/28/2025	7471B
Q2176-02	TP-56	Solid	Mercury	Cool 4 deg C	CAMP02	L41	05/29/2025	7471B
Q2176-03	TP-25	Solid	Mercury	Cool 4 deg C	CAMP02	L41	05/29/2025	7471B
Q2176-04	TP-26	Solid	Mercury	Cool 4 deg C	CAMP02	L41	05/29/2025	7471B
Q2176-05	TP-28	Solid	Mercury	Cool 4 deg C	CAMP02	L41	05/29/2025	7471B
Q2176-06	TP-27	Solid	Mercury	Cool 4 deg C	CAMP02	L41	05/29/2025	7471B
Q2176-07	TP-31	Solid	Mercury	Cool 4 deg C	CAMP02	L41	05/29/2025	7471B
Q2176-08	TP-65	Solid	Mercury	Cool 4 deg C	CAMP02	L41	05/29/2025	7471B
Q2177-02	B-187-SB01	Solid	Mercury	Cool 4 deg C	CAMP02	L41	05/30/2025	7471B
Q2177-04	B-187-SB02	Solid	Mercury	Cool 4 deg C	PORT06	L41	05/31/2025	7471B
Q2177-06	B-202-SB01	Solid	Mercury	Cool 4 deg C	PORT06	L41	05/31/2025	7471B

Q2175-01 Mercury

Q2185-01 Mercury

Q2185-05 Mercury

Date/Time 6/6/25 @ 8:10

Raw Sample Received by: [illegible]

Raw Sample Relinquished by: [illegible]

Date/Time 6/12/25 @ 8:35

Raw Sample Received by: [illegible]

Raw Sample Relinquished by: [illegible]

PERCENT SOLID

Supervisor: Sohil
Analyst: jignesh
Date: 6/3/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:10
In Date: 06/02/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:15
Out Date: 06/03/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC: LB135973

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
Q2125-07	GSB3	25	1.14	10.44	11.58	10.36	88.3	
Q2167-01	52225	1	1.00	1.00	2.00	2.00	100.0	wipe sample
Q2168-01	SAN-A1-A3	2	1.15	10.00	11.15	11.1	99.5	
Q2168-03	A3	3	1.19	10.12	11.31	11.27	99.6	
Q2168-05	SAN-B1-B3	4	1.19	10.16	11.35	11.31	99.6	
Q2168-07	B3	5	1.16	10.33	11.49	11.44	99.5	
Q2168-09	SAN-C1-C2	6	1.13	10.24	11.37	11.3	99.3	
Q2168-11	C2	7	1.17	10.38	11.55	11.31	97.7	
Q2171-01	5-28-25-A	8	1.00	1.00	2.00	2.00	100.0	wipe sample
Q2171-02	5-28-25-B	9	1.00	1.00	2.00	2.00	100.0	wipe sample
Q2171-03	51925	10	1.00	1.00	2.00	2.00	100.0	wipe sample
Q2175-01	32525	11	1.00	1.00	2.00	2.00	100.0	debris
Q2175-02	52725	12	1.00	1.00	2.00	2.00	100.0	oil sample
Q2176-01	TP-46	13	1.19	10.63	11.82	10.09	83.7	
Q2176-02	TP-56	14	1.15	10.59	11.74	10.28	86.2	
Q2176-03	TP-25	15	1.16	10.29	11.45	9.98	85.7	
Q2176-04	TP-26	16	1.12	10.84	11.96	10.36	85.2	
Q2176-05	TP-28	17	1.18	10.51	11.69	10.69	90.5	
Q2176-06	TP-27	18	1.18	10.12	11.3	9.59	83.1	
Q2176-07	TP-31	19	1.18	10.64	11.82	10.42	86.8	
Q2176-08	TP-65	20	1.19	10.27	11.46	10.16	87.3	
Q2177-01	B-187-SB00	21	1.17	10.43	11.6	10.47	89.2	
Q2177-02	B-187-SB01	22	1.16	10.50	11.66	10.00	84.2	
Q2177-04	B-187-SB02	23	1.17	10.55	11.72	7.8	62.8	
Q2177-06	B-202-SB01	24	1.19	10.41	11.6	10.08	85.4	
Q2178-01	RT2929	26	1.00	1.00	2.00	2.00	100.0	CONCRETE sample
Q2179-01	D3	27	1.15	9.96	11.11	10.47	93.6	
Q2179-02	D4	28	1.19	10.03	11.22	10.38	91.6	

PERCENT SOLID

Supervisor: Sohil
Analyst: jignesh
Date: 6/3/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:10
In Date: 06/02/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:15
Out Date: 06/03/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC: LB135973

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
Q2179-03	D5	29	1.18	10.26	11.44	10.8	93.8	
Q2179-04	D6	30	1.16	10.80	11.96	11.54	96.1	
Q2183-01	BC205321-3-1	31	1.00	1.00	2.00	2.00	100.0	pilc
Q2183-02	BC205321-3-2	32	1.00	1.00	2.00	2.00	100.0	pilc
Q2183-03	BC205321-4-1	33	1.00	1.00	2.00	2.00	100.0	pilc
Q2183-04	BC205321-4-2	34	1.00	1.00	2.00	2.00	100.0	pilc
Q2183-05	BC205321-5-1	35	1.00	1.00	2.00	2.00	100.0	pilc
Q2183-06	BC205321-5-2	36	1.00	1.00	2.00	2.00	100.0	pilc
Q2183-07	BC205321-6-1	37	1.00	1.00	2.00	2.00	100.0	pilc
Q2183-08	BC205321-6-2	38	1.00	1.00	2.00	2.00	100.0	pilc
Q2184-01	245F54-1-1	39	1.00	1.00	2.00	2.00	100.0	pilc
Q2184-02	245F54-1-2	40	1.00	1.00	2.00	2.00	100.0	pilc
Q2184-03	BC226595-1-1	41	1.00	1.00	2.00	2.00	100.0	pilc
Q2184-04	BC226595-1-2	42	1.00	1.00	2.00	2.00	100.0	pilc
Q2185-01	TP02-MHB-WC	43	1.15	10.68	11.83	10.28	85.5	
Q2185-02	TP02-MHB-VOC	44	1.13	10.62	11.75	10.58	89.0	
Q2185-03	TP02-MHB-EPH	45	1.15	10.26	11.41	10.00	86.3	
Q2185-05	TP01-MHB-WC	46	1.18	10.69	11.87	10.57	87.8	
Q2185-06	TP01-MHB-VOC	47	1.19	10.76	11.95	10.84	89.7	
Q2185-07	TP01-MHB-EPH	48	1.19	10.25	11.44	10.28	88.7	

$$\% \text{ Solid} = \frac{(C-A) * 100}{(B-A)}$$

WORKLIST(Hardcopy Internal Chain)

VB35973

WorkList Name : %1-060225 **WorkList ID :** 189853 **Department :** Wet-Chemistry **Date :** 06-02-2025 08:16:03

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2125-07	GSB3	Solid	Percent Solids	Cool 4 deg C	GENV01	L31	05/23/2025	Chemtech -SO
Q2167-01	52225	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/30/2025	Chemtech -SO
Q2168-01	SAN-A1-A3	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/30/2025	Chemtech -SO
Q2168-03	A3	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/30/2025	Chemtech -SO
Q2168-05	SAN-B1-B3	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/30/2025	Chemtech -SO
Q2168-07	B3	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/30/2025	Chemtech -SO
Q2168-09	SAN-C1-C2	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/30/2025	Chemtech -SO
Q2168-11	C2	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/30/2025	Chemtech -SO
Q2171-01	5-28-25-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/30/2025	Chemtech -SO
Q2171-02	5-28-25-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/30/2025	Chemtech -SO
Q2171-03	51925	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/30/2025	Chemtech -SO
Q2175-01	32525	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/30/2025	Chemtech -SO
Q2175-02	52725	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/30/2025	Chemtech -SO
Q2176-01	TP-46	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/30/2025	Chemtech -SO
Q2176-02	TP-56	Solid	Percent Solids	Cool 4 deg C	CAMP02	L41	05/28/2025	Chemtech -SO
Q2176-03	TP-25	Solid	Percent Solids	Cool 4 deg C	CAMP02	L41	05/29/2025	Chemtech -SO
Q2176-04	TP-26	Solid	Percent Solids	Cool 4 deg C	CAMP02	L41	05/29/2025	Chemtech -SO
Q2176-05	TP-28	Solid	Percent Solids	Cool 4 deg C	CAMP02	L41	05/29/2025	Chemtech -SO
Q2176-06	TP-27	Solid	Percent Solids	Cool 4 deg C	CAMP02	L41	05/29/2025	Chemtech -SO
Q2176-07	TP-31	Solid	Percent Solids	Cool 4 deg C	CAMP02	L41	05/29/2025	Chemtech -SO
Q2176-08	TP-65	Solid	Percent Solids	Cool 4 deg C	CAMP02	L41	05/30/2025	Chemtech -SO

Date/Time 06/02/25 15:15

Raw Sample Received by: WC

Raw Sample Relinquished by: SM

Date/Time 06/02/25 17:25

Raw Sample Received by: SM

Raw Sample Relinquished by: WC

WORKLIST(Hardcopy Internal Chain)

VB 135973

WorkList Name : %1-060225 **WorkList ID :** 189853 **Department :** Wet-Chemistry **Date :** 06-02-2025 08:16:03

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2177-01	B-187-SB00	Solid	Percent Solids	Cool 4 deg C	PORT06	L41	05/31/2025	Chemtech -SO
Q2177-02	B-187-SB01	Solid	Percent Solids	Cool 4 deg C	PORT06	L41	05/31/2025	Chemtech -SO
Q2177-04	B-187-SB02	Solid	Percent Solids	Cool 4 deg C	PORT06	L41	05/31/2025	Chemtech -SO
Q2177-06	B-202-SB01	Solid	Percent Solids	Cool 4 deg C	PORT06	L41	05/31/2025	Chemtech -SO
Q2178-01	RT2929	Solid	Percent Solids	Cool 4 deg C	PORT06	L41	05/31/2025	Chemtech -SO
Q2179-01	D3	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	06/02/2025	Chemtech -SO
Q2179-02	D4	Solid	Percent Solids	Cool 4 deg C	GENV01	N11	06/02/2025	Chemtech -SO
Q2179-03	D5	Solid	Percent Solids	Cool 4 deg C	GENV01	N11	06/02/2025	Chemtech -SO
Q2179-04	D6	Solid	Percent Solids	Cool 4 deg C	GENV01	N11	06/02/2025	Chemtech -SO
Q2183-01	BC205321-3-1	Solid	Percent Solids	Cool 4 deg C	GENV01	N11	06/02/2025	Chemtech -SO
Q2183-02	BC205321-3-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	N12	06/02/2025	Chemtech -SO
Q2183-03	BC205321-4-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	N12	06/02/2025	Chemtech -SO
Q2183-04	BC205321-4-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	N12	06/02/2025	Chemtech -SO
Q2183-05	BC205321-5-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	N12	06/02/2025	Chemtech -SO
Q2183-06	BC205321-5-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	N12	06/02/2025	Chemtech -SO
Q2183-07	BC205321-6-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	N12	06/02/2025	Chemtech -SO
Q2183-08	BC205321-6-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	N12	06/02/2025	Chemtech -SO
Q2184-01	245F54-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	N12	06/02/2025	Chemtech -SO
Q2184-02	245F54-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	N12	06/02/2025	Chemtech -SO
Q2184-03	BC226595-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	N12	06/02/2025	Chemtech -SO
Q2184-04	BC226595-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	N12	06/02/2025	Chemtech -SO

Date/Time 06/02/25 1515

Raw Sample Received by:

Raw Sample Relinquished by:

Date/Time 06/02/25 1715

Raw Sample Received by:

Raw Sample Relinquished by:

WORKLIST(Hardcopy Internal Chain)

NB 135973

WorkList Name : %1-060225 **WorkList ID :** 189853 **Department :** Wet-Chemistry **Date :** 06-02-2025 08:16:03

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2185-01	TP02-MHB-WC	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	06/02/2025	Chemtech -SO
Q2185-02	TP02-MHB-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	06/02/2025	Chemtech -SO
Q2185-03	TP02-MHB-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	06/02/2025	Chemtech -SO
Q2185-05	TP01-MHB-WC	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	06/02/2025	Chemtech -SO
Q2185-06	TP01-MHB-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	06/02/2025	Chemtech -SO
Q2185-07	TP01-MHB-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	06/02/2025	Chemtech -SO

Date/Time 06/02/25 15:15

Raw Sample Received by: JR WC

Raw Sample Relinquished by: SM

Date/Time 06/02/25 17:25

Raw Sample Received by: SM

Raw Sample Relinquished by: JR WC

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QCBatch ID # LB135987

Review By	MOHAN	Review On	6/4/2025 5:35:54 PM
Supervise By	jaswal	Supervise On	6/4/2025 5:41:40 PM

STD. NAME	STD REF.#
ICAL Standard	MP85814,MP85815,MP85816,MP85817,MP85818,MP85819
ICV Standard	MP85820
CCV Standard	MP85822
ICSA Standard	
CRI Standard	MP85824
LCS Standard	
Chk Standard	MP85821,MP85823,MP85825,MP8596

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	06/03/25 12:29		MOHAN	OK
2	S0.2	S0.2	CAL2	06/03/25 12:31		MOHAN	OK
3	S2.5	S2.5	CAL3	06/03/25 12:33		MOHAN	OK
4	S5	S5	CAL4	06/03/25 12:36		MOHAN	OK
5	S7.5	S7.5	CAL5	06/03/25 12:38		MOHAN	OK
6	S10	S10	CAL6	06/03/25 12:40		MOHAN	OK
7	ICV25	ICV25	ICV	06/03/25 12:43		MOHAN	OK
8	ICB25	ICB25	ICB	06/03/25 12:46		MOHAN	OK
9	CCV90	CCV90	CCV	06/03/25 12:48		MOHAN	OK
10	CCB90	CCB90	CCB	06/03/25 12:50		MOHAN	OK
11	CRA	CRA	CRDL	06/03/25 12:52		MOHAN	OK
12	HighStd	HighStd	HIGH STD	06/03/25 12:55		MOHAN	OK
13	ChkStd	ChkStd	SAM	06/03/25 12:57		MOHAN	OK
14	PB168248BL	PB168248BL	MB	06/03/25 12:59		MOHAN	OK
15	PB168248BS	PB168248BS	LCS	06/03/25 13:04		MOHAN	OK
16	Q2152-01	OK-02-05292025	SAM	06/03/25 13:07		MOHAN	OK
17	Q2153-01	TR-04-0592025	SAM	06/03/25 13:09		MOHAN	OK
18	Q2159-01	TP05-MHO-WC	SAM	06/03/25 13:11		MOHAN	OK

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QCBatch ID # LB135987

Review By	MOHAN	Review On	6/4/2025 5:35:54 PM
Supervise By	jaswal	Supervise On	6/4/2025 5:41:40 PM

STD. NAME	STD REF.#
ICAL Standard	MP85814,MP85815,MP85816,MP85817,MP85818,MP85819
ICV Standard	MP85820
CCV Standard	MP85822
ICSA Standard	
CRI Standard	MP85824
LCS Standard	
Chk Standard	MP85821,MP85823,MP85825,MP8596

19	Q2160-01	TP04-MHG-WC	SAM	06/03/25 13:13		MOHAN	OK
20	Q2160-01DUP	TP04-MHG-WCDUP	DUP	06/03/25 13:18		MOHAN	OK
21	CCV91	CCV91	CCV	06/03/25 13:20		MOHAN	OK
22	CCB91	CCB91	CCB	06/03/25 13:22		MOHAN	OK
23	Q2160-01MS	TP04-MHG-WCMS	MS	06/03/25 13:25		MOHAN	OK
24	Q2160-01MSD	TP04-MHG-WCMSD	MSD	06/03/25 13:27		MOHAN	OK
25	Q2160-05	TP05-MHH-WC	SAM	06/03/25 13:29		MOHAN	OK
26	Q2168-01	SAN-A1-A3	SAM	06/03/25 13:32		MOHAN	OK
27	Q2168-05	SAN-B1-B3	SAM	06/03/25 13:34		MOHAN	OK
28	Q2168-09	SAN-C1-C2	SAM	06/03/25 13:36	Hg High	MOHAN	Dilution
29	Q2172-01	TP06-MHQ	SAM	06/03/25 13:39		MOHAN	OK
30	Q2173-01	OR-400-CF-402B-CO	SAM	06/03/25 13:41		MOHAN	OK
31	Q2173-07	OR-400-CF-402B-CO	SAM	06/03/25 13:44		MOHAN	OK
32	Q2173-13	OR-400-CF-402B-CO	SAM	06/03/25 13:46		MOHAN	OK
33	CCV92	CCV92	CCV	06/03/25 13:48		MOHAN	OK
34	CCB92	CCB92	CCB	06/03/25 13:51		MOHAN	OK
35	PB168249BL	PB168249BL	MB	06/03/25 13:53		MOHAN	OK
36	PB168249BS	PB168249BS	LCS	06/03/25 13:55		MOHAN	OK
37	Q2175-02	52725	SAM	06/03/25 13:57	not present on log in page	MOHAN	Not Ok
38	Q2176-01	TP-46	SAM	06/03/25 14:00		MOHAN	OK

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QCBatch ID # LB135987

Review By	MOHAN	Review On	6/4/2025 5:35:54 PM
Supervise By	jaswal	Supervise On	6/4/2025 5:41:40 PM

STD. NAME	STD REF.#
ICAL Standard	MP85814,MP85815,MP85816,MP85817,MP85818,MP85819
ICV Standard	MP85820
CCV Standard	MP85822
ICSA Standard	
CRI Standard	MP85824
LCS Standard	
Chk Standard	MP85821,MP85823,MP85825,MP8596

39	Q2176-02	TP-56	SAM	06/03/25 14:02		MOHAN	OK
40	Q2176-03	TP-25	SAM	06/03/25 14:04		MOHAN	OK
41	Q2176-04	TP-26	SAM	06/03/25 14:07		MOHAN	OK
42	Q2176-05	TP-28	SAM	06/03/25 14:09		MOHAN	OK
43	Q2176-06	TP-27	SAM	06/03/25 14:11		MOHAN	OK
44	Q2176-07	TP-31	SAM	06/03/25 14:13		MOHAN	OK
45	CCV93	CCV93	CCV	06/03/25 14:16		MOHAN	OK
46	CCB93	CCB93	CCB	06/03/25 14:18		MOHAN	OK
47	Q2176-08	TP-65	SAM	06/03/25 14:25		MOHAN	OK
48	Q2176-08DUP	TP-65DUP	DUP	06/03/25 14:27		MOHAN	OK
49	Q2176-08MS	TP-65MS	MS	06/03/25 14:30		MOHAN	OK
50	Q2176-08MSD	TP-65MSD	MSD	06/03/25 14:32		MOHAN	OK
51	Q2177-02	B-187-SB01	SAM	06/03/25 14:34		MOHAN	OK
52	Q2177-04	B-187-SB02	SAM	06/03/25 14:37		MOHAN	OK
53	Q2177-06	B-202-SB01	SAM	06/03/25 14:39		MOHAN	OK
54	Q2185-01	TP02-MHB-WC	SAM	06/03/25 14:41		MOHAN	OK
55	Q2185-05	TP01-MHA-WC	SAM	06/03/25 14:44		MOHAN	OK
56	Q2168-09DL	SAN-C1-C2DL	SAM	06/03/25 14:46	5X For HG	MOHAN	Confirms
57	CCV94	CCV94	CCV	06/03/25 14:48		MOHAN	OK
58	CCB94	CCB94	CCB	06/03/25 14:51		MOHAN	OK

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QCBatch ID # LB135987

Review By	MOHAN	Review On	6/4/2025 5:35:54 PM
Supervise By	jaswal	Supervise On	6/4/2025 5:41:40 PM

STD. NAME	STD REF.#
ICAL Standard	MP85814,MP85815,MP85816,MP85817,MP85818,MP85819
ICV Standard	MP85820
CCV Standard	MP85822
ICSA Standard	
CRI Standard	MP85824
LCS Standard	
Chk Standard	MP85821,MP85823,MP85825,MP8596

59	Q2160-01L	TP04-MHG-WCL	SD	06/03/25 14:53		MOHAN	OK
60	Q2160-01A	TP04-MHG-WCA	PS	06/03/25 14:55		MOHAN	OK
61	Q2176-08L	TP-65L	SD	06/03/25 14:57		MOHAN	OK
62	Q2176-08A	TP-65A	PS	06/03/25 15:00		MOHAN	OK
63	CCV95	CCV95	CCV	06/03/25 15:02		MOHAN	OK
64	CCB95	CCB95	CCB	06/03/25 15:04		MOHAN	OK

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB136097

Review By	Janvi	Review On	6/11/2025 10:49:51 AM
Supervise By	jaswal	Supervise On	6/11/2025 2:45:55 PM

STD. NAME	STD REF.#
ICAL Standard	MP85867,MP85897,MP85871,MP85870,MP85869,MP85868
ICV Standard	MP85934
CCV Standard	MP85875
ICSA Standard	MP85873,MP85874
CRI Standard	MP85897
LCS Standard	
Chk Standard	MP85876,MP85877

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	06/10/25 14:01		Jaswal	OK
2	S1	S1	CAL2	06/10/25 14:05		Jaswal	OK
3	S2	S2	CAL3	06/10/25 14:09		Jaswal	OK
4	S3	S3	CAL4	06/10/25 14:14		Jaswal	OK
5	S4	S4	CAL5	06/10/25 14:18		Jaswal	OK
6	S5	S5	CAL6	06/10/25 14:22		Jaswal	OK
7	ICV01	ICV01	ICV	06/10/25 14:37		Jaswal	OK
8	LLICV01	LLICV01	LLICV	06/10/25 14:41		Jaswal	OK
9	ICB01	ICB01	ICB	06/10/25 14:45		Jaswal	OK
10	CRI01	CRI01	CRDL	06/10/25 14:50		Jaswal	OK
11	ICSA01	ICSA01	ICSA	06/10/25 14:54		Jaswal	OK
12	ICSAB01	ICSAB01	ICSAB	06/10/25 15:18		Jaswal	OK
13	ICSADL	ICSADL	ICSA	06/10/25 15:22		Jaswal	OK
14	ICSABDL	ICSABDL	ICSAB	06/10/25 15:26		Jaswal	OK
15	CCV01	CCV01	CCV	06/10/25 15:30		Jaswal	OK
16	CCB01	CCB01	CCB	06/10/25 15:35		Jaswal	OK
17	Q2242-04	TP09-MHJ	SAM	06/10/25 15:39		Jaswal	OK
18	Q2242-04DUP	TP09-MHJDUP	DUP	06/10/25 15:43		Jaswal	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB136097

Review By	Janvi	Review On	6/11/2025 10:49:51 AM
Supervise By	jaswal	Supervise On	6/11/2025 2:45:55 PM

STD. NAME	STD REF.#
ICAL Standard	MP85867,MP85897,MP85871,MP85870,MP85869,MP85868
ICV Standard	MP85934
CCV Standard	MP85875
ICSA Standard	MP85873,MP85874
CRI Standard	MP85897
LCS Standard	
Chk Standard	MP85876,MP85877

19	Q2242-04L	TP09-MHJL	SD	06/10/25 15:48		Jaswal	OK
20	Q2242-04MS	TP09-MHJMS	MS	06/10/25 15:52		Jaswal	OK
21	Q2242-04MSD	TP09-MHJMSD	MSD	06/10/25 15:56		Jaswal	OK
22	Q2242-04A	TP09-MHJA	PS	06/10/25 16:00	0.1ML EACH M6004, M6013-10ML SAMPLE	Jaswal	OK
23	Q2197-01	DSN002	SAM	06/10/25 16:05		Jaswal	OK
24	Q2197-03	DSN001	SAM	06/10/25 16:15		Jaswal	OK
25	Q2197-05	DSN003	SAM	06/10/25 16:19		Jaswal	OK
26	Q2210-01	TW1	SAM	06/10/25 16:23		Jaswal	OK
27	CCV02	CCV02	CCV	06/10/25 16:28		Jaswal	OK
28	CCB02	CCB02	CCB	06/10/25 16:32		Jaswal	OK
29	Q2243-01	WATER-TREATMENT	SAM	06/10/25 16:37		Jaswal	OK
30	Q2241-01	TP-N	SAM	06/10/25 16:41		Jaswal	OK
31	Q2241-05	TP-S	SAM	06/10/25 16:45		Jaswal	OK
32	Q2248-01	TR-05-060525	SAM	06/10/25 16:49		Jaswal	OK
33	Q2197-05DUP	DSN003DUP	DUP	06/10/25 16:53		Jaswal	OK
34	Q2197-05L	DSN003L	SD	06/10/25 16:58		Jaswal	OK
35	Q2197-05MS	DSN003MS	MS	06/10/25 17:02		Jaswal	OK
36	Q2197-05MSD	DSN003MSD	MSD	06/10/25 17:06		Jaswal	OK
37	Q2197-05A	DSN003A	PS	06/10/25 17:28	0.1ML EACH M6004, M6013-10ML SAMPLE	Jaswal	OK

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Instrument ID: P4

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Supervise By	jaswal	Supervise On	6/11/2025 2:45:55 PM

STD. NAME	STD REF.#
ICAL Standard	MP85867,MP85897,MP85871,MP85870,MP85869,MP85868
ICV Standard	MP85934
CCV Standard	MP85875
ICSA Standard	MP85873,MP85874
CRI Standard	MP85897
LCS Standard	
Chk Standard	MP85876,MP85877

38	Q2137-05	MOO-25-0151	SAM	06/10/25 17:32		Jaswal	OK
39	CCV03	CCV03	CCV	06/10/25 17:36		Jaswal	OK
40	CCB03	CCB03	CCB	06/10/25 17:40		Jaswal	OK
41	Q2240-01	TP-3	SAM	06/10/25 17:45		Jaswal	OK
42	Q2240-05	TP-2	SAM	06/10/25 17:49		Jaswal	OK
43	Q2240-09	TP-1	SAM	06/10/25 17:53		Jaswal	OK
44	Q2244-01	TP03-MHC	SAM	06/10/25 17:58		Jaswal	OK
45	Q2242-01	TP09-MHJ	SAM	06/10/25 18:02		Jaswal	OK
46	Q2238-01DUP	0528DUP	DUP	06/10/25 18:06	RPD fail for more than 50% parameter	Jaswal	Not Ok
47	Q2238-01L	0528L	SD	06/10/25 18:11	RPD fail for more than 50% parameter	Jaswal	Not Ok
48	Q2238-01MS	0528MS	MS	06/10/25 18:15	RPD fail for more than 50% parameter	Jaswal	Not Ok
49	Q2238-01MSD	0528MSD	MSD	06/10/25 18:19	RPD fail for more than 50% parameter	Jaswal	Not Ok
50	Q2238-01A	0528A	PS	06/10/25 18:23	RPD fail for more than 50% parameter	Jaswal	Not Ok
51	CCV04	CCV04	CCV	06/10/25 18:28		Jaswal	OK
52	CCB04	CCB04	CCB	06/10/25 18:32		Jaswal	OK
53	PB168309BL	PB168309BL	MB	06/10/25 18:36		Jaswal	OK
54	PB168309BS	PB168309BS	LCS	06/10/25 18:40		Jaswal	OK
55	PB168284BL	PB168284BL	MB	06/10/25 18:44	NOT USE	Jaswal	Not Ok

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Supervise By	jaswal	Supervise On	6/11/2025 2:45:55 PM

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ICAL Standard	MP85867,MP85897,MP85871,MP85870,MP85869,MP85868
ICV Standard	MP85934
CCV Standard	MP85875
ICSA Standard	MP85873,MP85874
CRI Standard	MP85897
LCS Standard	
Chk Standard	MP85876,MP85877

56	PB168284BS	PB168284BS	LCS	06/10/25 18:49	NOT USE	Jaswal	Not Ok
57	PB168310BL	PB168310BL	MB	06/10/25 18:53		Jaswal	OK
58	PB168310BS	PB168310BS	LCS	06/10/25 18:57		Jaswal	OK
59	Q2246-01	BU-03-060525	SAM	06/10/25 19:01		Jaswal	OK
60	Q2259-03	OU4-PCS-TC-37-060	SAM	06/10/25 19:05		Jaswal	OK
61	Q2259-05	OU4-TS-29-060525	SAM	06/10/25 19:10		Jaswal	OK
62	Q2259-06	OU4-TS-30-060525	SAM	06/10/25 19:14		Jaswal	OK
63	CCV05	CCV05	CCV	06/10/25 19:18		Jaswal	OK
64	CCB05	CCB05	CCB	06/10/25 19:22		Jaswal	OK
65	Q2265-01	TP11-MHL-WC	SAM	06/10/25 19:27		Jaswal	OK
66	Q2266-01	WC-3	SAM	06/10/25 19:31		Jaswal	OK
67	Q2266-05	WC-5	SAM	06/10/25 19:35		Jaswal	OK
68	Q2260-01	TP10-MHG-WC	SAM	06/10/25 19:39		Jaswal	OK
69	Q2260-01DUP	TP10-MHG-WCDUP	DUP	06/10/25 19:44		Jaswal	OK
70	Q2260-01L	TP10-MHG-WCL	SD	06/10/25 19:48		Jaswal	OK
71	Q2260-01MS	TP10-MHG-WCMS	MS	06/10/25 19:52		Jaswal	OK
72	Q2260-01MSD	TP10-MHG-WCMSD	MSD	06/10/25 19:57		Jaswal	OK
73	Q2260-01A	TP10-MHG-WCA	PS	06/10/25 20:01	0.1ML EACH M6004, M6013-10ML SAMPLE	Jaswal	OK
74	PB168353BL	PB168353BL	MB	06/10/25 20:05		Jaswal	OK

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ICV Standard	MP85934
CCV Standard	MP85875
ICSA Standard	MP85873,MP85874
CRI Standard	MP85897
LCS Standard	
Chk Standard	MP85876,MP85877

75	CCV06	CCV06	CCV	06/10/25 20:09		Jaswal	OK
76	CCB06	CCB06	CCB	06/10/25 20:14		Jaswal	OK
77	PB168353BS	PB168353BS	LCS	06/10/25 20:22		Jaswal	OK
78	Q2259-01	OU4-PCS-TC-36-060	SAM	06/10/25 20:26		Jaswal	OK
79	Q2238-01	0528	SAM	06/10/25 20:30	RPD fail for more than 50% parameter	Jaswal	Not Ok
80	PB168245BL	PB168245BL	MB	06/10/25 20:35		Jaswal	OK
81	PB168245BS	PB168245BS	LCS	06/10/25 20:39		Jaswal	OK
82	Q2176-01	TP-46	SAM	06/10/25 20:43		Jaswal	OK
83	Q2176-02	TP-56	SAM	06/10/25 20:47		Jaswal	OK
84	Q2176-03	TP-25	SAM	06/10/25 20:51		Jaswal	OK
85	Q2176-04	TP-26	SAM	06/10/25 20:55		Jaswal	OK
86	Q2176-05	TP-28	SAM	06/10/25 21:00		Jaswal	OK
87	CCV07	CCV07	CCV	06/10/25 21:04		Jaswal	OK
88	CCB07	CCB07	CCB	06/10/25 21:08		Jaswal	OK
89	Q2176-06	TP-27	SAM	06/10/25 21:12		Jaswal	OK
90	Q2176-07	TP-31	SAM	06/10/25 21:16		Jaswal	OK
91	Q2176-08	TP-65	SAM	06/10/25 21:32		Jaswal	OK
92	Q2177-02	B-187-SB01	SAM	06/10/25 21:36		Jaswal	OK
93	Q2177-04	B-187-SB02	SAM	06/10/25 21:40		Jaswal	OK

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ICV Standard	MP85934
CCV Standard	MP85875
ICSA Standard	MP85873,MP85874
CRI Standard	MP85897
LCS Standard	
Chk Standard	MP85876,MP85877

94	Q2177-04DUP	B-187-SB02DUP	DUP	06/10/25 21:44		Jaswal	OK
95	Q2177-04L	B-187-SB02L	SD	06/10/25 21:48		Jaswal	OK
96	Q2177-04MS	B-187-SB02MS	MS	06/10/25 21:52		Jaswal	OK
97	Q2177-04MSD	B-187-SB02MSD	MSD	06/10/25 21:56		Jaswal	OK
98	Q2177-04A	B-187-SB02A	PS	06/10/25 22:00	0.1ML EACH M6004, M6013-10ML SAMPLE	Jaswal	OK
99	CCV08	CCV08	CCV	06/10/25 22:04		Jaswal	OK
100	CCB08	CCB08	CCB	06/10/25 22:08		Jaswal	OK
101	Q2177-06	B-202-SB01	SAM	06/10/25 22:13		Jaswal	OK
102	PB168359BL	PB168359BL	MB	06/10/25 22:17		Jaswal	OK
103	PB168359BS	PB168359BS	LCS	06/10/25 22:21		Jaswal	OK
104	Q2244-04	TP03-MHC	SAM	06/10/25 22:25		Jaswal	OK
105	Q2260-04	TP10-MHG-WC	SAM	06/10/25 22:30		Jaswal	OK
106	Q2262-02	ARS20-0032	SAM	06/10/25 22:34		Jaswal	OK
107	Q2262-04	ARS20-0001	SAM	06/10/25 22:39		Jaswal	OK
108	Q2265-04	TP11-MHL-WC	SAM	06/10/25 22:43		Jaswal	OK
109	Q2266-04	WC-3	SAM	06/10/25 22:48		Jaswal	OK
110	Q2266-08	WC-5	SAM	06/10/25 22:52		Jaswal	OK
111	CCV09	CCV09	CCV	06/10/25 22:56		Jaswal	OK
112	CCB09	CCB09	CCB	06/10/25 23:01		Jaswal	OK

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ICV Standard	MP85934
CCV Standard	MP85875
ICSA Standard	MP85873,MP85874
CRI Standard	MP85897
LCS Standard	
Chk Standard	MP85876,MP85877

113	Q2266-08DUP	WC-5DUP	DUP	06/10/25 23:05		Jaswal	OK
114	Q2266-08L	WC-5L	SD	06/10/25 23:09		Jaswal	OK
115	Q2266-08MS	WC-5MS	MS	06/10/25 23:14		Jaswal	OK
116	Q2266-08MSD	WC-5MSD	MSD	06/10/25 23:18		Jaswal	OK
117	Q2266-08A	WC-5A	PS	06/10/25 23:32	0.1ML EACH M6004, M6013-10ML SAMPLE	Jaswal	OK
118	PB168333TB	PB168333TB	MB	06/10/25 23:36		Jaswal	OK
119	PB168384BL	PB168384BL	MB	06/10/25 23:41		Jaswal	OK
120	PB168384BS	PB168384BS	LCS	06/10/25 23:45		Jaswal	OK
121	Q2253-01	RW8-SP100-2025060	SAM	06/10/25 23:49		Jaswal	OK
122	Q2253-02	RW8-SP303-2025060	SAM	06/10/25 23:53		Jaswal	OK
123	CCV10	CCV10	CCV	06/10/25 23:57		Jaswal	OK
124	CCB10	CCB10	CCB	06/11/25 00:02		Jaswal	OK
125	Q2253-02DUP	RW8-SP303-2025060	DUP	06/11/25 00:06		Jaswal	OK
126	Q2253-02L	RW8-SP303-2025060	SD	06/11/25 00:10		Jaswal	OK
127	Q2253-02MS	RW8-SP303-2025060	MS	06/11/25 00:15		Jaswal	OK
128	Q2253-02MSD	RW8-SP303-2025060	MSD	06/11/25 00:19		Jaswal	OK
129	Q2253-02A	RW8-SP303-2025060	PS	06/11/25 01:01	0.1ML EACH M6004, M6013-10ML SAMPLE	Jaswal	OK
130	PB168385BL	PB168385BL	MB	06/11/25 01:05		Jaswal	OK
131	PB168385BS	PB168385BS	LCS	06/11/25 01:09		Jaswal	OK

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CCV Standard	MP85875
ICSA Standard	MP85873,MP85874
CRI Standard	MP85897
LCS Standard	
Chk Standard	MP85876,MP85877

132	Q2271-01	TP12-MHK-WC	SAM	06/11/25 01:13		Jaswal	OK
133	Q2272-01	TP-6	SAM	06/11/25 01:17		Jaswal	OK
134	Q2273-01	WC-4	SAM	06/11/25 01:21		Jaswal	OK
135	CCV11	CCV11	CCV	06/11/25 01:35		Jaswal	OK
136	CCB11	CCB11	CCB	06/11/25 01:39		Jaswal	OK
137	Q2273-05	WC-6	SAM	06/11/25 01:44		Jaswal	OK
138	Q2274-01	TP-13-MHP-WC	SAM	06/11/25 01:48		Jaswal	OK
139	Q2274-01DUP	TP-13-MHP-WCDUP	DUP	06/11/25 01:52		Jaswal	OK
140	Q2274-01L	TP-13-MHP-WCL	SD	06/11/25 01:56		Jaswal	OK
141	Q2274-01MS	TP-13-MHP-WCMS	MS	06/11/25 02:01		Jaswal	OK
142	Q2274-01MSD	TP-13-MHP-WCMSD	MSD	06/11/25 02:05		Jaswal	OK
143	Q2274-01A	TP-13-MHP-WCA	PS	06/11/25 02:09	0.1ML EACH M6004, M6013-10ML SAMPLE	Jaswal	OK
144	CCV12	CCV12	CCV	06/11/25 02:21		Jaswal	OK
145	CCB12	CCB12	CCB	06/11/25 02:25		Jaswal	OK



SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 • Fax (908) 789-8922
www.chemtech.net

ALLIANCE PROJECT NO.
QUOTE NO. Q2176
COC Number 2047109

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: CDM SMITH
ADDRESS: 110 FIELDCREST AVE #8 6TH FLOOR
CITY EDISON STATE: NJ ZIP: 08837
ATTENTION: MARCIE ENCINAS
PHONE: 7325904679 FAX: 732-225-7851

CLIENT PROJECT INFORMATION

PROJECT NAME: SOUTH RIVER WM REPLACEMENT
PROJECT NO.: 302781 LOCATION: SOUTH RIVER, NJ
PROJECT MANAGER: MARCIE ENCINAS
e-mail: ENCINASMA@CDMSMITH.COM
PHONE: 7325904679 FAX: 732-225-7851

CLIENT BILLING INFORMATION

BILL TO: CDM SMITH PO#:
ADDRESS: 110 FIELDCREST AVE #8 6TH FLOOR
CITY EDISON STATE: NJ ZIP: 08837
ATTENTION: MARCIE ENCINAS PHONE: 7325904679

DATA TURNAROUND INFORMATION

FAX (RUSH) _____ DAYS*
HARDCOPY (DATA PACKAGE): _____ DAYS*
EDD: _____ DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

☐ Level 1 (Results Only) ☐ Level 4 (QC + Full Raw Data)
☑ Level 2 (Results + QC) ☐ NJ Reduced ☐ US EPA CLP
☐ Level 3 (Results + QC + Raw Data) ☐ NYS ASP A ☐ NYS ASP B
☐ Other _____
☐ EDD FORMAT _____

ANALYSIS

1: TCL VOC
2: TCL SVOC
3: METALS
4: PCB
5: PESTICIDE
6: HERBICIDE
7: DRO/GRO
8:
9:

PRESERVATIVES

COMMENTS

← Specify Preservatives
A-HCl D-NaOH
B-HN03 E-ICE
C-H2SO4 F-OTHER

	ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	1	2	3	4	5	6	7	8	9	COMMENTS
1.		TP-46	SOIL		X	5/28/25	1515	6	X	X	X	X	X	X	X			E
2.		TP-56	SOIL		X	5/29/25	0835	6	X	X	X	X	X	X	X			E
3.		TP-25	SOIL		X	5/29/25	0925	6	X	X	X	X	X	X	X			E
4.		TP-26	SOIL		X	5/29/25	1040	6	X	X	X	X	X	X	X			E
5.		TP-28	SOIL		X	5/29/25	1120	6	X	X	X	X	X	X	X			E
6.		TP-27	SOIL		X	5/29/25	1200	6	X	X	X	X	X	X	X			E
7.		TP-31	SOIL		X	5/29/25	1340	6	X	X	X	X	X	X	X			E
8.		TP-65	SOIL		X	5/30/25	1405	6	X	X	X	X	X	X	X			E
9.																		
10.																		

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1.	5/30/25 1600	1. 1600 5.30.25
2.		2.
3.	5.30.25 1653	3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 3.1 °C
Comments:

Page _____ of

CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete ☐ YES ☐ NO

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WHITE - ALLIANCE COPY FOR RETURN TO CLIENT YELLOW - ALLIANCE COPY PINK - SAMPLER COPY

284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488

QA Control Code: A2070148

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q2176 CAMP02
Client Name : CDM Smith
Client Contact : Marcie Ann Encinas
Invoice Name : CDM Smith
Invoice Contact : Marcie Ann Encinas

Order Date : 5/30/2025 4:04:00 PM
Project Name : South River WM Replacem
Receive DateTime : 5/30/2025 ~~12:00:00~~ AM
Purchase Order : 16553

Project Mgr :
Report Type : ~~Level I~~ NJ Reduce
EDD Type : EXCEL NOCLEANUP
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q2176-01	TP-46	Solid	05/28/2025	15:15					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q2176-02	TP-56	Solid	05/29/2025	08:35					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q2176-03	TP-25	Solid	05/29/2025	09:25					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q2176-04	TP-26	Solid	05/29/2025	10:40					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q2176-05	TP-28	Solid	05/29/2025	11:20					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q2176-06	TP-27	Solid	05/29/2025	12:00					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q2176-07	TP-31	Solid	05/29/2025	13:40					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q2176-08	TP-65	Solid	05/30/2025	14:05					

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q2176 CAMP02
Client Name : CDM Smith
Client Contact : Marcie Ann Encinas
Invoice Name : CDM Smith
Invoice Contact : Marcie Ann Encinas

Order Date : 5/30/2025 4:04:00 PM
Project Name : South River WM Replacem
Receive DateTime : 5/30/2025 ~~12:00:00 AM~~ 16:53
Purchase Order :

Project Mgr :
Report Type : ~~Level I~~ NJ Reduce
EDD Type : EXCEL NOCLEANUP
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD		FAX DATE	DUE DATES
					VOC-TCLVOA-10		8260D	10 Bus. Days		

Relinguished By : [signature]
Date / Time : 6/2/25 1125

Received By : JC
Date / Time : 6/2/25 1125

Storage Area : **VOA Refridgerator Room**