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

Cover Page

Order ID : Q2198

Project ID : Amtrak Sawtooth Bridges 2025

Client : Portal Partners Tri-Venture

Lab Sample Number	Client Sample Number
Q2198-01	B-202-SB02
Q2198-02	B-202-SB02
Q2198-03	B-207-SB02
Q2198-04	B-207-SB02
Q2198-05	B-202-GW01

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: 6/17/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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CASE NARRATIVE

Portal Partners Tri-Venture
Project Name: Amtrak Sawtooth Bridges 2025
Project # N/A
Order ID # Q2198
Test Name: Mercury,Metals ICP-TAL

A. Number of Samples and Date of Receipt:
4 Solid samples were received on 06/03/2025.
1 Water sample was received on 06/03/2025.

B. Parameters:
According to the Chain of Custody document, the following analyses were requested: Corrosivity, EPH, EPH, Flash Point, Hexavalent Chromium, Ignitability, Mercury, Metals ICP-TAL, METALS-TAL, PCB, pH, RCRA CHARACTERISTICS, Reactive Cyanide, Reactive Sulfide, SVOC-TCL BNA -20, TCLP BNA, TCLP Extraction, TCLP FULL, TCLP Herbicide, TCLP ICP Metals, TCLP Mercury, TCLP Pesticide, TCLP VOA, TCLP ZHE Extraction, TCLP-FULL, TPH GC, Trivalent Chromium, VOC-TCLVOA-10 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) and 3010 (waters).The analysis and digestion of Mercury was based on method 7470A. 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 (OK-01-060325DUP) analysis met criteria for all samples except for Cadmium and Sodium due to sample matrix interference. The Duplicate (OK-01-060325MSD) analysis met criteria for all samples except for Potassium due to Chemical Interference during Digestion Process.
The Matrix Spike (B-202-GW01MS) analysis met criteria for all elements except for Antimony and Manganese due to Chemical Interference during Digestion process. The Matrix Spike (OK-01-060325MS) analysis met criteria for all elements except for Antimony, Barium, Beryllium, Potassium, Sodium and Zinc due to Chemical Interference during Digestion Process and for Mercury due to sample matrix interference.
The Matrix Spike Duplicate (B-202-GW01MSD) analysis met criteria for all elements except for Antimony and Manganese due to Chemical Interference during Digestion Process. The Matrix Spike Duplicate (OK-01-060325MSD) analysis met criteria for all elements except for Antimony, Barium, Beryllium, Chromium, Copper, Potassium, Silver and Sodium 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 (OK-01-060325L) met criteria for all samples except for Calcium, Chromium, Copper, and Manganese due to sample matrix interference.

E. Additional Comments:
The Post Digest Spike (Ok-01-060325A) analysis met criteria for all elements except for Barium, Chromium, Copper, Potassium and Sodium due to unknown chemical interference of matrix with the addition of spike amount after digestion and before analysis; matrix has suppression effect during addition of spike.

The Post Digest Spike (B-202-GW01A) analysis met criteria for all elements except for Antimony and Manganese due to unknown chemical interference of matrix with the addition of spike amount after digestion and before analysis; matrix has suppression effect during addition of spike.

Sample Q2198-05 and its QC's analyzed straight 5X Dilution due to sample matrix very highly contaminated and viscos matrix which can cause sample transporting to the sample introduction and to the torch

In analytical sequence LB136011, The % recovery was outside of acceptance limit for Iron, Potassium and Sodium of CCV08 but, no any sample associated under this CCV.

In analytical sequence LB136052, The % recovery was outside of acceptance limit for Arsenic, Iron, Potassium, Selenium, Sodium, Thallium, and Zinc of CCV06 and for Arsenic and Selenium of CCV07 but, no any samples associated under these CCVs.

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 #: **Q2198**

	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: **SOHIL JODHANI** **Date:** **06/17/2025**

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LAB CHRONICLE

OrderID:	Q2198	**OrderDate:**	6/3/2025 2:31:00 PM
Client:	Portal Partners Tri-Venture	**Project:**	Amtrak Sawtooth Bridges 2025
Contact:	Joseph Krupansky	**Location:**	N22,VOA Ref. #2 Soil,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2198-01	**B-202-SB02**	**SOIL**			**05/31/25**			**06/03/25**
			Mercury	7471B		06/04/25	06/04/25	
			Metals ICP-TAL	6010D		06/04/25	06/05/25	
Q2198-02	**B-202-SB02**	**TCLP**			**05/31/25**			**06/03/25**
			TCLP ICP Metals	6010D		06/05/25	06/06/25	
			TCLP Mercury	7470A		06/05/25	06/06/25	
Q2198-03	**B-207-SB02**	**SOIL**			**06/01/25**			**06/03/25**
			Mercury	7471B		06/04/25	06/04/25	
			Metals ICP-TAL	6010D		06/04/25	06/05/25	
Q2198-04	**B-207-SB02**	**TCLP**			**06/01/25**			**06/03/25**
			TCLP ICP Metals	6010D		06/05/25	06/06/25	
			TCLP Mercury	7470A		06/05/25	06/06/25	
Q2198-05	**B-202-GW01**	**Water**			**05/31/25**			**06/03/25**
			Metals ICP-TAL	6010D		06/04/25	06/04/25	
			Mercury	7470A		06/05/25	06/06/25	

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Hit Summary Sheet
SW-846

SDG No.: Q2198 **Order ID:** Q2198

Client: Portal Partners Tri-Venture **Project ID:** Amtrak Sawtooth Bridges 2025

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : B-202-SB02								
Q2198-01	B-202-SB02	SOIL	Aluminum	5940		0.97	5.80	mg/Kg
Q2198-01	B-202-SB02	SOIL	Arsenic	4.98		0.22	1.16	mg/Kg
Q2198-01	B-202-SB02	SOIL	Barium	7.74		0.85	5.80	mg/Kg
Q2198-01	B-202-SB02	SOIL	Beryllium	0.25	J	0.029	0.35	mg/Kg
Q2198-01	B-202-SB02	SOIL	Cadmium	0.045	J	0.028	0.35	mg/Kg
Q2198-01	B-202-SB02	SOIL	Calcium	957		12.9	116	mg/Kg
Q2198-01	B-202-SB02	SOIL	Chromium	7.85		0.054	0.58	mg/Kg
Q2198-01	B-202-SB02	SOIL	Cobalt	1.60	J	0.12	1.74	mg/Kg
Q2198-01	B-202-SB02	SOIL	Copper	6.64		0.26	1.16	mg/Kg
Q2198-01	B-202-SB02	SOIL	Iron	6140		4.62	5.80	mg/Kg
Q2198-01	B-202-SB02	SOIL	Lead	8.55		0.15	0.70	mg/Kg
Q2198-01	B-202-SB02	SOIL	Magnesium	838		13.9	116	mg/Kg
Q2198-01	B-202-SB02	SOIL	Manganese	22.9		0.16	1.16	mg/Kg
Q2198-01	B-202-SB02	SOIL	Mercury	0.067		0.011	0.019	mg/Kg
Q2198-01	B-202-SB02	SOIL	Nickel	4.23		0.15	2.32	mg/Kg
Q2198-01	B-202-SB02	SOIL	Potassium	332		32.1	116	mg/Kg
Q2198-01	B-202-SB02	SOIL	Selenium	0.66	J	0.30	1.16	mg/Kg
Q2198-01	B-202-SB02	SOIL	Silver	0.29	J	0.14	0.58	mg/Kg
Q2198-01	B-202-SB02	SOIL	Sodium	259		20.6	116	mg/Kg
Q2198-01	B-202-SB02	SOIL	Vanadium	9.23		0.29	2.32	mg/Kg
Q2198-01	B-202-SB02	SOIL	Zinc	11.0		0.27	2.32	mg/Kg
Client ID : B-207-SB02								
Q2198-03	B-207-SB02	SOIL	Aluminum	7580		1.45	8.65	mg/Kg
Q2198-03	B-207-SB02	SOIL	Arsenic	7.70		0.33	1.73	mg/Kg
Q2198-03	B-207-SB02	SOIL	Barium	70.4		1.26	8.65	mg/Kg
Q2198-03	B-207-SB02	SOIL	Beryllium	0.55		0.043	0.52	mg/Kg
Q2198-03	B-207-SB02	SOIL	Cadmium	0.35	J	0.042	0.52	mg/Kg
Q2198-03	B-207-SB02	SOIL	Calcium	7810		19.2	173	mg/Kg
Q2198-03	B-207-SB02	SOIL	Chromium	27.8		0.081	0.87	mg/Kg
Q2198-03	B-207-SB02	SOIL	Cobalt	9.82		0.17	2.59	mg/Kg
Q2198-03	B-207-SB02	SOIL	Copper	56.1		0.38	1.73	mg/Kg
Q2198-03	B-207-SB02	SOIL	Iron	22200		6.90	8.65	mg/Kg
Q2198-03	B-207-SB02	SOIL	Lead	65.5		0.23	1.04	mg/Kg
Q2198-03	B-207-SB02	SOIL	Magnesium	5230		20.8	173	mg/Kg
Q2198-03	B-207-SB02	SOIL	Manganese	213		0.24	1.73	mg/Kg
Q2198-03	B-207-SB02	SOIL	Mercury	0.21		0.014	0.026	mg/Kg
Q2198-03	B-207-SB02	SOIL	Nickel	24.7		0.23	3.46	mg/Kg

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Hit Summary Sheet
SW-846

SDG No.: Q2198 **Order ID:** Q2198

Client: Portal Partners Tri-Venture **Project ID:** Amtrak Sawtooth Bridges 2025

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q2198-03	B-207-SB02	SOIL	Potassium	3720		47.9	173	mg/Kg
Q2198-03	B-207-SB02	SOIL	Selenium	0.93	J	0.45	1.73	mg/Kg
Q2198-03	B-207-SB02	SOIL	Silver	1.26		0.21	0.87	mg/Kg
Q2198-03	B-207-SB02	SOIL	Sodium	351		30.8	173	mg/Kg
Q2198-03	B-207-SB02	SOIL	Vanadium	27.1		0.43	3.46	mg/Kg
Q2198-03	B-207-SB02	SOIL	Zinc	132		0.40	3.46	mg/Kg
Client ID :	**B-202-GW01**							
Q2198-05	B-202-GW01	Water	Aluminum	23100	D	28.4	250	ug/L
Q2198-05	B-202-GW01	Water	Barium	68.1	JD	36.4	250	ug/L
Q2198-05	B-202-GW01	Water	Calcium	33200	D	585	5000	ug/L
Q2198-05	B-202-GW01	Water	Chromium	59.5	D	5.30	25.0	ug/L
Q2198-05	B-202-GW01	Water	Cobalt	6.74	JD	5.65	75.0	ug/L
Q2198-05	B-202-GW01	Water	Copper	50.5	D	11.5	50.0	ug/L
Q2198-05	B-202-GW01	Water	Iron	26800	D	58.5	250	ug/L
Q2198-05	B-202-GW01	Water	Lead	79.0	D	5.75	30.0	ug/L
Q2198-05	B-202-GW01	Water	Magnesium	36300	D	610	5000	ug/L
Q2198-05	B-202-GW01	Water	Manganese	354	D	14.9	50.0	ug/L
Q2198-05	B-202-GW01	Water	Mercury	0.31		0.076	0.20	ug/L
Q2198-05	B-202-GW01	Water	Nickel	23.9	JD	7.65	100	ug/L
Q2198-05	B-202-GW01	Water	Potassium	30400	D	2300	5000	ug/L
Q2198-05	B-202-GW01	Water	Sodium	367000	D	2170	5000	ug/L
Q2198-05	B-202-GW01	Water	Vanadium	77.0	JD	15.7	100	ug/L
Q2198-05	B-202-GW01	Water	Zinc	149	D	41.7	100	ug/L

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SAMPLE DATA

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Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	05/31/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	06/03/25
Client Sample ID:	B-202-SB02	SDG No.:	Q2198
Lab Sample ID:	Q2198-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	71.9

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	5940		1	0.97	5.80	mg/Kg	06/04/25 10:20	06/05/25 20:37	6010D	SW3050
7440-36-0	Antimony	0.26	UN	1	0.26	2.90	mg/Kg	06/04/25 10:20	06/05/25 20:37	6010D	SW3050
7440-38-2	Arsenic	4.98		1	0.22	1.16	mg/Kg	06/04/25 10:20	06/05/25 20:37	6010D	SW3050
7440-39-3	Barium	7.74	N	1	0.85	5.80	mg/Kg	06/04/25 10:20	06/05/25 20:37	6010D	SW3050
7440-41-7	Beryllium	0.25	JN	1	0.029	0.35	mg/Kg	06/04/25 10:20	06/05/25 20:37	6010D	SW3050
7440-43-9	Cadmium	0.045	J*	1	0.028	0.35	mg/Kg	06/04/25 10:20	06/05/25 20:37	6010D	SW3050
7440-70-2	Calcium	957		1	12.9	116	mg/Kg	06/04/25 10:20	06/05/25 20:37	6010D	SW3050
7440-47-3	Chromium	7.85	N	1	0.054	0.58	mg/Kg	06/04/25 10:20	06/05/25 20:37	6010D	SW3050
7440-48-4	Cobalt	1.60	J	1	0.12	1.74	mg/Kg	06/04/25 10:20	06/05/25 20:37	6010D	SW3050
7440-50-8	Copper	6.64	N	1	0.26	1.16	mg/Kg	06/04/25 10:20	06/05/25 20:37	6010D	SW3050
7439-89-6	Iron	6140		1	4.62	5.80	mg/Kg	06/04/25 10:20	06/05/25 20:37	6010D	SW3050
7439-92-1	Lead	8.55		1	0.15	0.70	mg/Kg	06/04/25 10:20	06/05/25 20:37	6010D	SW3050
7439-95-4	Magnesium	838		1	13.9	116	mg/Kg	06/04/25 10:20	06/05/25 20:37	6010D	SW3050
7439-96-5	Manganese	22.9		1	0.16	1.16	mg/Kg	06/04/25 10:20	06/05/25 20:37	6010D	SW3050
7439-97-6	Mercury	0.067	N	1	0.011	0.019	mg/Kg	06/04/25 09:25	06/04/25 16:08	7471B	
7440-02-0	Nickel	4.23		1	0.15	2.32	mg/Kg	06/04/25 10:20	06/05/25 20:37	6010D	SW3050
7440-09-7	Potassium	332	N*	1	32.1	116	mg/Kg	06/04/25 10:20	06/05/25 20:37	6010D	SW3050
7782-49-2	Selenium	0.66	J	1	0.30	1.16	mg/Kg	06/04/25 10:20	06/05/25 20:37	6010D	SW3050
7440-22-4	Silver	0.29	JN	1	0.14	0.58	mg/Kg	06/04/25 10:20	06/05/25 20:37	6010D	SW3050
7440-23-5	Sodium	259	N*	1	20.6	116	mg/Kg	06/04/25 10:20	06/05/25 20:37	6010D	SW3050
7440-28-0	Thallium	0.27	U	1	0.27	2.32	mg/Kg	06/04/25 10:20	06/05/25 20:37	6010D	SW3050
7440-62-2	Vanadium	9.23		1	0.29	2.32	mg/Kg	06/04/25 10:20	06/05/25 20:37	6010D	SW3050
7440-66-6	Zinc	11.0	N	1	0.27	2.32	mg/Kg	06/04/25 10:20	06/05/25 20:37	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:	Portal Partners Tri-Venture	Date Collected:	06/01/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	06/03/25
Client Sample ID:	B-207-SB02	SDG No.:	Q2198
Lab Sample ID:	Q2198-03	Matrix:	SOIL
Level (low/med):	low	% Solid:	52.1

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	7580		1	1.45	8.65	mg/Kg	06/04/25 10:20	06/05/25 20:41	6010D	SW3050
7440-36-0	Antimony	0.38	UN	1	0.38	4.32	mg/Kg	06/04/25 10:20	06/05/25 20:41	6010D	SW3050
7440-38-2	Arsenic	7.70		1	0.33	1.73	mg/Kg	06/04/25 10:20	06/05/25 20:41	6010D	SW3050
7440-39-3	Barium	70.4	N	1	1.26	8.65	mg/Kg	06/04/25 10:20	06/05/25 20:41	6010D	SW3050
7440-41-7	Beryllium	0.55	N	1	0.043	0.52	mg/Kg	06/04/25 10:20	06/05/25 20:41	6010D	SW3050
7440-43-9	Cadmium	0.35	J*	1	0.042	0.52	mg/Kg	06/04/25 10:20	06/05/25 20:41	6010D	SW3050
7440-70-2	Calcium	7810		1	19.2	173	mg/Kg	06/04/25 10:20	06/05/25 20:41	6010D	SW3050
7440-47-3	Chromium	27.8	N	1	0.081	0.87	mg/Kg	06/04/25 10:20	06/05/25 20:41	6010D	SW3050
7440-48-4	Cobalt	9.82		1	0.17	2.59	mg/Kg	06/04/25 10:20	06/05/25 20:41	6010D	SW3050
7440-50-8	Copper	56.1	N	1	0.38	1.73	mg/Kg	06/04/25 10:20	06/05/25 20:41	6010D	SW3050
7439-89-6	Iron	22200		1	6.90	8.65	mg/Kg	06/04/25 10:20	06/05/25 20:41	6010D	SW3050
7439-92-1	Lead	65.5		1	0.23	1.04	mg/Kg	06/04/25 10:20	06/05/25 20:41	6010D	SW3050
7439-95-4	Magnesium	5230		1	20.8	173	mg/Kg	06/04/25 10:20	06/05/25 20:41	6010D	SW3050
7439-96-5	Manganese	213		1	0.24	1.73	mg/Kg	06/04/25 10:20	06/05/25 20:41	6010D	SW3050
7439-97-6	Mercury	0.21	N	1	0.014	0.026	mg/Kg	06/04/25 09:25	06/04/25 16:10	7471B	
7440-02-0	Nickel	24.7		1	0.23	3.46	mg/Kg	06/04/25 10:20	06/05/25 20:41	6010D	SW3050
7440-09-7	Potassium	3720	N*	1	47.9	173	mg/Kg	06/04/25 10:20	06/05/25 20:41	6010D	SW3050
7782-49-2	Selenium	0.93	J	1	0.45	1.73	mg/Kg	06/04/25 10:20	06/05/25 20:41	6010D	SW3050
7440-22-4	Silver	1.26	N	1	0.21	0.87	mg/Kg	06/04/25 10:20	06/05/25 20:41	6010D	SW3050
7440-23-5	Sodium	351	N*	1	30.8	173	mg/Kg	06/04/25 10:20	06/05/25 20:41	6010D	SW3050
7440-28-0	Thallium	0.40	U	1	0.40	3.46	mg/Kg	06/04/25 10:20	06/05/25 20:41	6010D	SW3050
7440-62-2	Vanadium	27.1		1	0.43	3.46	mg/Kg	06/04/25 10:20	06/05/25 20:41	6010D	SW3050
7440-66-6	Zinc	132	N	1	0.40	3.46	mg/Kg	06/04/25 10:20	06/05/25 20:41	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:	Portal Partners Tri-Venture	Date Collected:	05/31/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	06/03/25
Client Sample ID:	B-202-GW01	SDG No.:	Q2198
Lab Sample ID:	Q2198-05	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	23100	D	5	28.4	250	ug/L	06/04/25 10:14	06/04/25 21:07	6010D	SW3010
7440-36-0	Antimony	16.9	UDN	5	16.9	125	ug/L	06/04/25 10:14	06/04/25 21:07	6010D	SW3010
7440-38-2	Arsenic	12.8	UD	5	12.8	50.0	ug/L	06/04/25 10:14	06/04/25 21:07	6010D	SW3010
7440-39-3	Barium	68.1	JD	5	36.4	250	ug/L	06/04/25 10:14	06/04/25 21:07	6010D	SW3010
7440-41-7	Beryllium	1.40	UD	5	1.40	15.0	ug/L	06/04/25 10:14	06/04/25 21:07	6010D	SW3010
7440-43-9	Cadmium	1.25	UD	5	1.25	15.0	ug/L	06/04/25 10:14	06/04/25 21:07	6010D	SW3010
7440-70-2	Calcium	33200	D	5	585	5000	ug/L	06/04/25 10:14	06/04/25 21:07	6010D	SW3010
7440-47-3	Chromium	59.5	D	5	5.30	25.0	ug/L	06/04/25 10:14	06/04/25 21:07	6010D	SW3010
7440-48-4	Cobalt	6.74	JD	5	5.65	75.0	ug/L	06/04/25 10:14	06/04/25 21:07	6010D	SW3010
7440-50-8	Copper	50.5	D	5	11.5	50.0	ug/L	06/04/25 10:14	06/04/25 21:07	6010D	SW3010
7439-89-6	Iron	26800	D	5	58.5	250	ug/L	06/04/25 10:14	06/04/25 21:07	6010D	SW3010
7439-92-1	Lead	79.0	D	5	5.75	30.0	ug/L	06/04/25 10:14	06/04/25 21:07	6010D	SW3010
7439-95-4	Magnesium	36300	D	5	610	5000	ug/L	06/04/25 10:14	06/04/25 21:07	6010D	SW3010
7439-96-5	Manganese	354	DN	5	14.9	50.0	ug/L	06/04/25 10:14	06/04/25 21:07	6010D	SW3010
7439-97-6	Mercury	0.31		1	0.076	0.20	ug/L	06/05/25 14:05	06/06/25 11:25	7470A	
7440-02-0	Nickel	23.9	JD	5	7.65	100	ug/L	06/04/25 10:14	06/04/25 21:07	6010D	SW3010
7440-09-7	Potassium	30400	D	5	2300	5000	ug/L	06/04/25 10:14	06/04/25 21:07	6010D	SW3010
7782-49-2	Selenium	24.1	UD	5	24.1	50.0	ug/L	06/04/25 10:14	06/04/25 21:07	6010D	SW3010
7440-22-4	Silver	4.05	UD	5	4.05	25.0	ug/L	06/04/25 10:14	06/04/25 21:07	6010D	SW3010
7440-23-5	Sodium	367000	D	5	2170	5000	ug/L	06/04/25 10:14	06/04/25 21:07	6010D	SW3010
7440-28-0	Thallium	10.9	UD	5	10.9	100	ug/L	06/04/25 10:14	06/04/25 21:07	6010D	SW3010
7440-62-2	Vanadium	77.0	JD	5	15.7	100	ug/L	06/04/25 10:14	06/04/25 21:07	6010D	SW3010
7440-66-6	Zinc	149	D	5	41.7	100	ug/L	06/04/25 10:14	06/04/25 21:07	6010D	SW3010

Color Before:	Brown	Clarity Before:	Cloudy	Texture:	
Color After:	light Brown	Clarity After:	Clear	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

METAL CALIBRATION DATA

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** Q2198

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2198 **SAS No.:** Q2198

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
ICV27	Mercury	4.19	4.0	105	90 - 110	CV	06/04/2025	15:04	LB136001

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** Q2198

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2198 **SAS No.:** Q2198

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
CCV01	Mercury	4.99	5.0	100	90 - 110	CV	06/04/2025	15:09	LB136001
CCV02	Mercury	5.14	5.0	103	90 - 110	CV	06/04/2025	15:59	LB136001
CCV03	Mercury	5.22	5.0	104	90 - 110	CV	06/04/2025	16:27	LB136001

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** Q2198

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2198 **SAS No.:** Q2198

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
ICV29	Mercury	3.69	4.0	92	90 - 110	CV	06/06/2025	10:03	LB136036

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** Q2198

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2198 **SAS No.:** Q2198

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
CCV08	Mercury	4.74	5.0	95	90 - 110	CV	06/06/2025	10:07	LB136036
CCV09	Mercury	4.88	5.0	98	90 - 110	CV	06/06/2025	10:37	LB136036
CCV10	Mercury	4.71	5.0	94	90 - 110	CV	06/06/2025	11:04	LB136036
CCV11	Mercury	4.55	5.0	91	90 - 110	CV	06/06/2025	11:41	LB136036
CCV12	Mercury	4.77	5.0	96	90 - 110	CV	06/06/2025	12:06	LB136036
CCV13	Mercury	5.10	5.0	102	90 - 110	CV	06/06/2025	12:33	LB136036

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** Q2198

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2198 **SAS No.:** Q2198

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	2470	2500	99	90 - 110	P	06/04/2025	15:49	LB136011
	Antimony	1020	1000	102	90 - 110	P	06/04/2025	15:49	LB136011
	Arsenic	1000	1000	100	90 - 110	P	06/04/2025	15:49	LB136011
	Barium	552	520	106	90 - 110	P	06/04/2025	15:49	LB136011
	Beryllium	472	510	92	90 - 110	P	06/04/2025	15:49	LB136011
	Cadmium	500	510	98	90 - 110	P	06/04/2025	15:49	LB136011
	Calcium	9520	10000	95	90 - 110	P	06/04/2025	15:49	LB136011
	Chromium	518	520	100	90 - 110	P	06/04/2025	15:49	LB136011
	Cobalt	521	520	100	90 - 110	P	06/04/2025	15:49	LB136011
	Copper	527	510	103	90 - 110	P	06/04/2025	15:49	LB136011
	Iron	10100	10000	100	90 - 110	P	06/04/2025	15:49	LB136011
	Lead	976	1000	98	90 - 110	P	06/04/2025	15:49	LB136011
	Magnesium	5940	6000	99	90 - 110	P	06/04/2025	15:49	LB136011
	Manganese	500	520	96	90 - 110	P	06/04/2025	15:49	LB136011
	Nickel	532	530	100	90 - 110	P	06/04/2025	15:49	LB136011
	Potassium	10500	9900	106	90 - 110	P	06/04/2025	15:49	LB136011
	Selenium	1000	1000	100	90 - 110	P	06/04/2025	15:49	LB136011
	Silver	234	250	94	90 - 110	P	06/04/2025	15:49	LB136011
	Sodium	10400	10000	104	90 - 110	P	06/04/2025	15:49	LB136011
	Thallium	1000	1000	100	90 - 110	P	06/04/2025	15:49	LB136011
	Vanadium	469	500	94	90 - 110	P	06/04/2025	15:49	LB136011
	Zinc	971	1000	97	90 - 110	P	06/04/2025	15:49	LB136011

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** Q2198

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2198 **SAS No.:** Q2198

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	103	100	103	80 - 120	P	06/04/2025	16:06	LB136011
	Antimony	52.4	50.0	105	80 - 120	P	06/04/2025	16:06	LB136011
	Arsenic	18.1	20.0	90	80 - 120	P	06/04/2025	16:06	LB136011
	Barium	88.2	100	88	80 - 120	P	06/04/2025	16:06	LB136011
	Beryllium	5.51	6.0	92	80 - 120	P	06/04/2025	16:06	LB136011
	Cadmium	5.84	6.0	97	80 - 120	P	06/04/2025	16:06	LB136011
	Calcium	1880	2000	94	80 - 120	P	06/04/2025	16:06	LB136011
	Chromium	10.2	10.0	102	80 - 120	P	06/04/2025	16:06	LB136011
	Cobalt	29.2	30.0	97	80 - 120	P	06/04/2025	16:06	LB136011
	Copper	21.5	20.0	108	80 - 120	P	06/04/2025	16:06	LB136011
	Iron	109	100	109	80 - 120	P	06/04/2025	16:06	LB136011
	Lead	11.3	12.0	94	80 - 120	P	06/04/2025	16:06	LB136011
	Magnesium	1890	2000	95	80 - 120	P	06/04/2025	16:06	LB136011
	Manganese	18.7	20.0	94	80 - 120	P	06/04/2025	16:06	LB136011
	Nickel	39.9	40.0	100	80 - 120	P	06/04/2025	16:06	LB136011
	Potassium	1870	2000	94	80 - 120	P	06/04/2025	16:06	LB136011
	Selenium	23.1	20.0	115	80 - 120	P	06/04/2025	16:06	LB136011
	Silver	9.80	10.0	98	80 - 120	P	06/04/2025	16:06	LB136011
	Sodium	1770	2000	88	80 - 120	P	06/04/2025	16:06	LB136011
	Thallium	39.8	40.0	100	80 - 120	P	06/04/2025	16:06	LB136011
	Vanadium	37.5	40.0	94	80 - 120	P	06/04/2025	16:06	LB136011
	Zinc	42.0	40.0	105	80 - 120	P	06/04/2025	16:06	LB136011

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** Q2198

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2198 **SAS No.:** Q2198

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	9950	10000	100	90 - 110	P	06/04/2025	16:45	LB136011
	Antimony	5070	5000	102	90 - 110	P	06/04/2025	16:45	LB136011
	Arsenic	5030	5000	101	90 - 110	P	06/04/2025	16:45	LB136011
	Barium	9780	10000	98	90 - 110	P	06/04/2025	16:45	LB136011
	Beryllium	247	250	99	90 - 110	P	06/04/2025	16:45	LB136011
	Cadmium	2510	2500	100	90 - 110	P	06/04/2025	16:45	LB136011
	Calcium	24300	25000	97	90 - 110	P	06/04/2025	16:45	LB136011
	Chromium	993	1000	99	90 - 110	P	06/04/2025	16:45	LB136011
	Cobalt	2510	2500	100	90 - 110	P	06/04/2025	16:45	LB136011
	Copper	1280	1250	102	90 - 110	P	06/04/2025	16:45	LB136011
	Iron	4790	5000	96	90 - 110	P	06/04/2025	16:45	LB136011
	Lead	5010	5000	100	90 - 110	P	06/04/2025	16:45	LB136011
	Magnesium	24300	25000	97	90 - 110	P	06/04/2025	16:45	LB136011
	Manganese	2440	2500	98	90 - 110	P	06/04/2025	16:45	LB136011
	Nickel	2530	2500	101	90 - 110	P	06/04/2025	16:45	LB136011
	Potassium	24200	25000	97	90 - 110	P	06/04/2025	16:45	LB136011
	Selenium	5070	5000	101	90 - 110	P	06/04/2025	16:45	LB136011
	Silver	1230	1250	99	90 - 110	P	06/04/2025	16:45	LB136011
	Sodium	24500	25000	98	90 - 110	P	06/04/2025	16:45	LB136011
	Thallium	4790	5000	96	90 - 110	P	06/04/2025	16:45	LB136011
	Vanadium	2420	2500	97	90 - 110	P	06/04/2025	16:45	LB136011
	Zinc	2450	2500	98	90 - 110	P	06/04/2025	16:45	LB136011
CCV02	Aluminum	9620	10000	96	90 - 110	P	06/04/2025	17:35	LB136011
	Antimony	4990	5000	100	90 - 110	P	06/04/2025	17:35	LB136011
	Arsenic	4960	5000	99	90 - 110	P	06/04/2025	17:35	LB136011
	Barium	9200	10000	92	90 - 110	P	06/04/2025	17:35	LB136011
	Beryllium	244	250	98	90 - 110	P	06/04/2025	17:35	LB136011
	Cadmium	2460	2500	98	90 - 110	P	06/04/2025	17:35	LB136011
	Calcium	23500	25000	94	90 - 110	P	06/04/2025	17:35	LB136011
	Chromium	985	1000	98	90 - 110	P	06/04/2025	17:35	LB136011
	Cobalt	2460	2500	98	90 - 110	P	06/04/2025	17:35	LB136011
	Copper	1250	1250	100	90 - 110	P	06/04/2025	17:35	LB136011
	Iron	4740	5000	95	90 - 110	P	06/04/2025	17:35	LB136011
	Lead	4910	5000	98	90 - 110	P	06/04/2025	17:35	LB136011

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** Q2198

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2198 **SAS No.:** Q2198

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	23600	25000	94	90 - 110	P	06/04/2025	17:35	LB136011
	Manganese	2330	2500	93	90 - 110	P	06/04/2025	17:35	LB136011
	Nickel	2480	2500	99	90 - 110	P	06/04/2025	17:35	LB136011
	Potassium	23800	25000	95	90 - 110	P	06/04/2025	17:35	LB136011
	Selenium	5060	5000	101	90 - 110	P	06/04/2025	17:35	LB136011
	Silver	1230	1250	98	90 - 110	P	06/04/2025	17:35	LB136011
	Sodium	23700	25000	95	90 - 110	P	06/04/2025	17:35	LB136011
	Thallium	5120	5000	102	90 - 110	P	06/04/2025	17:35	LB136011
	Vanadium	2340	2500	94	90 - 110	P	06/04/2025	17:35	LB136011
	Zinc	2480	2500	99	90 - 110	P	06/04/2025	17:35	LB136011
CCV03	Aluminum	9250	10000	92	90 - 110	P	06/04/2025	18:37	LB136011
	Antimony	4830	5000	97	90 - 110	P	06/04/2025	18:37	LB136011
	Arsenic	4790	5000	96	90 - 110	P	06/04/2025	18:37	LB136011
	Barium	9130	10000	91	90 - 110	P	06/04/2025	18:37	LB136011
	Beryllium	231	250	93	90 - 110	P	06/04/2025	18:37	LB136011
	Cadmium	2390	2500	95	90 - 110	P	06/04/2025	18:37	LB136011
	Calcium	22900	25000	91	90 - 110	P	06/04/2025	18:37	LB136011
	Chromium	953	1000	95	90 - 110	P	06/04/2025	18:37	LB136011
	Cobalt	2380	2500	95	90 - 110	P	06/04/2025	18:37	LB136011
	Copper	1220	1250	97	90 - 110	P	06/04/2025	18:37	LB136011
	Iron	4730	5000	95	90 - 110	P	06/04/2025	18:37	LB136011
	Lead	4750	5000	95	90 - 110	P	06/04/2025	18:37	LB136011
	Magnesium	22800	25000	91	90 - 110	P	06/04/2025	18:37	LB136011
	Manganese	2290	2500	92	90 - 110	P	06/04/2025	18:37	LB136011
	Nickel	2400	2500	96	90 - 110	P	06/04/2025	18:37	LB136011
	Potassium	23600	25000	95	90 - 110	P	06/04/2025	18:37	LB136011
	Selenium	4850	5000	97	90 - 110	P	06/04/2025	18:37	LB136011
	Silver	1190	1250	96	90 - 110	P	06/04/2025	18:37	LB136011
	Sodium	23900	25000	96	90 - 110	P	06/04/2025	18:37	LB136011
	Thallium	4610	5000	92	90 - 110	P	06/04/2025	18:37	LB136011
	Vanadium	2280	2500	91	90 - 110	P	06/04/2025	18:37	LB136011
	Zinc	2370	2500	95	90 - 110	P	06/04/2025	18:37	LB136011
CCV04	Aluminum	9170	10000	92	90 - 110	P	06/04/2025	19:26	LB136011
	Antimony	4740	5000	95	90 - 110	P	06/04/2025	19:26	LB136011

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Metals

- 2a -
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** Q2198

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2198 **SAS No.:** Q2198

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	4700	5000	94	90 - 110	P	06/04/2025	19:26	LB136011
	Barium	9070	10000	91	90 - 110	P	06/04/2025	19:26	LB136011
	Beryllium	227	250	91	90 - 110	P	06/04/2025	19:26	LB136011
	Cadmium	2360	2500	94	90 - 110	P	06/04/2025	19:26	LB136011
	Calcium	22800	25000	91	90 - 110	P	06/04/2025	19:26	LB136011
	Chromium	944	1000	94	90 - 110	P	06/04/2025	19:26	LB136011
	Cobalt	2360	2500	94	90 - 110	P	06/04/2025	19:26	LB136011
	Copper	1190	1250	96	90 - 110	P	06/04/2025	19:26	LB136011
	Iron	4670	5000	94	90 - 110	P	06/04/2025	19:26	LB136011
	Lead	4700	5000	94	90 - 110	P	06/04/2025	19:26	LB136011
	Magnesium	22700	25000	91	90 - 110	P	06/04/2025	19:26	LB136011
	Manganese	2280	2500	91	90 - 110	P	06/04/2025	19:26	LB136011
	Nickel	2370	2500	95	90 - 110	P	06/04/2025	19:26	LB136011
	Potassium	23200	25000	93	90 - 110	P	06/04/2025	19:26	LB136011
	Selenium	4750	5000	95	90 - 110	P	06/04/2025	19:26	LB136011
	Silver	1170	1250	94	90 - 110	P	06/04/2025	19:26	LB136011
	Sodium	23600	25000	94	90 - 110	P	06/04/2025	19:26	LB136011
	Thallium	4830	5000	97	90 - 110	P	06/04/2025	19:26	LB136011
	Vanadium	2280	2500	91	90 - 110	P	06/04/2025	19:26	LB136011
	Zinc	2310	2500	92	90 - 110	P	06/04/2025	19:26	LB136011
CCV05	Aluminum	9260	10000	93	90 - 110	P	06/04/2025	20:12	LB136011
	Antimony	4750	5000	95	90 - 110	P	06/04/2025	20:12	LB136011
	Arsenic	4700	5000	94	90 - 110	P	06/04/2025	20:12	LB136011
	Barium	9550	10000	96	90 - 110	P	06/04/2025	20:12	LB136011
	Beryllium	228	250	91	90 - 110	P	06/04/2025	20:12	LB136011
	Cadmium	2350	2500	94	90 - 110	P	06/04/2025	20:12	LB136011
	Calcium	23100	25000	92	90 - 110	P	06/04/2025	20:12	LB136011
	Chromium	942	1000	94	90 - 110	P	06/04/2025	20:12	LB136011
	Cobalt	2360	2500	94	90 - 110	P	06/04/2025	20:12	LB136011
	Copper	1200	1250	96	90 - 110	P	06/04/2025	20:12	LB136011
	Iron	4820	5000	96	90 - 110	P	06/04/2025	20:12	LB136011
	Lead	4720	5000	94	90 - 110	P	06/04/2025	20:12	LB136011
	Magnesium	22700	25000	91	90 - 110	P	06/04/2025	20:12	LB136011
	Manganese	2330	2500	93	90 - 110	P	06/04/2025	20:12	LB136011

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** Q2198

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2198 **SAS No.:** Q2198

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	2360	2500	95	90 - 110	P	06/04/2025	20:12	LB136011
	Potassium	24000	25000	96	90 - 110	P	06/04/2025	20:12	LB136011
	Selenium	4730	5000	94	90 - 110	P	06/04/2025	20:12	LB136011
	Silver	1190	1250	95	90 - 110	P	06/04/2025	20:12	LB136011
	Sodium	24700	25000	99	90 - 110	P	06/04/2025	20:12	LB136011
	Thallium	4790	5000	96	90 - 110	P	06/04/2025	20:12	LB136011
	Vanadium	2310	2500	92	90 - 110	P	06/04/2025	20:12	LB136011
	Zinc	2340	2500	94	90 - 110	P	06/04/2025	20:12	LB136011
CCV06	Aluminum	9210	10000	92	90 - 110	P	06/04/2025	20:58	LB136011
	Antimony	4660	5000	93	90 - 110	P	06/04/2025	20:58	LB136011
	Arsenic	4620	5000	92	90 - 110	P	06/04/2025	20:58	LB136011
	Barium	9410	10000	94	90 - 110	P	06/04/2025	20:58	LB136011
	Beryllium	231	250	93	90 - 110	P	06/04/2025	20:58	LB136011
	Cadmium	2320	2500	93	90 - 110	P	06/04/2025	20:58	LB136011
	Calcium	23300	25000	93	90 - 110	P	06/04/2025	20:58	LB136011
	Chromium	930	1000	93	90 - 110	P	06/04/2025	20:58	LB136011
	Cobalt	2330	2500	93	90 - 110	P	06/04/2025	20:58	LB136011
	Copper	1170	1250	94	90 - 110	P	06/04/2025	20:58	LB136011
	Iron	4690	5000	94	90 - 110	P	06/04/2025	20:58	LB136011
	Lead	4650	5000	93	90 - 110	P	06/04/2025	20:58	LB136011
	Magnesium	23000	25000	92	90 - 110	P	06/04/2025	20:58	LB136011
	Manganese	2350	2500	94	90 - 110	P	06/04/2025	20:58	LB136011
	Nickel	2330	2500	93	90 - 110	P	06/04/2025	20:58	LB136011
	Potassium	23000	25000	92	90 - 110	P	06/04/2025	20:58	LB136011
	Selenium	4630	5000	92	90 - 110	P	06/04/2025	20:58	LB136011
	Silver	1160	1250	93	90 - 110	P	06/04/2025	20:58	LB136011
	Sodium	23500	25000	94	90 - 110	P	06/04/2025	20:58	LB136011
	Thallium	4690	5000	94	90 - 110	P	06/04/2025	20:58	LB136011
	Vanadium	2310	2500	92	90 - 110	P	06/04/2025	20:58	LB136011
	Zinc	2290	2500	92	90 - 110	P	06/04/2025	20:58	LB136011
CCV07	Aluminum	9220	10000	92	90 - 110	P	06/04/2025	21:41	LB136011
	Antimony	4730	5000	94	90 - 110	P	06/04/2025	21:41	LB136011
	Arsenic	4710	5000	94	90 - 110	P	06/04/2025	21:41	LB136011
	Barium	9600	10000	96	90 - 110	P	06/04/2025	21:41	LB136011

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** Q2198

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2198 **SAS No.:** Q2198

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	230	250	92	90 - 110	P	06/04/2025	21:41	LB136011
	Cadmium	2370	2500	95	90 - 110	P	06/04/2025	21:41	LB136011
	Calcium	23400	25000	94	90 - 110	P	06/04/2025	21:41	LB136011
	Chromium	945	1000	94	90 - 110	P	06/04/2025	21:41	LB136011
	Cobalt	2360	2500	95	90 - 110	P	06/04/2025	21:41	LB136011
	Copper	1190	1250	95	90 - 110	P	06/04/2025	21:41	LB136011
	Iron	4930	5000	98	90 - 110	P	06/04/2025	21:41	LB136011
	Lead	4730	5000	95	90 - 110	P	06/04/2025	21:41	LB136011
	Magnesium	23000	25000	92	90 - 110	P	06/04/2025	21:41	LB136011
	Manganese	2370	2500	95	90 - 110	P	06/04/2025	21:41	LB136011
	Nickel	2370	2500	95	90 - 110	P	06/04/2025	21:41	LB136011
	Potassium	24100	25000	96	90 - 110	P	06/04/2025	21:41	LB136011
	Selenium	4690	5000	94	90 - 110	P	06/04/2025	21:41	LB136011
	Silver	1190	1250	95	90 - 110	P	06/04/2025	21:41	LB136011
	Sodium	24700	25000	99	90 - 110	P	06/04/2025	21:41	LB136011
	Thallium	4700	5000	94	90 - 110	P	06/04/2025	21:41	LB136011
	Vanadium	2340	2500	93	90 - 110	P	06/04/2025	21:41	LB136011
	Zinc	2340	2500	94	90 - 110	P	06/04/2025	21:41	LB136011
CCV08	Aluminum	9270	10000	93	90 - 110	P	06/04/2025	22:06	LB136011
	Antimony	4660	5000	93	90 - 110	P	06/04/2025	22:06	LB136011
	Arsenic	4620	5000	92	90 - 110	P	06/04/2025	22:06	LB136011
	Barium	9210	10000	92	90 - 110	P	06/04/2025	22:06	LB136011
	Beryllium	245	250	98	90 - 110	P	06/04/2025	22:06	LB136011
	Cadmium	2330	2500	93	90 - 110	P	06/04/2025	22:06	LB136011
	Calcium	23100	25000	92	90 - 110	P	06/04/2025	22:06	LB136011
	Chromium	937	1000	94	90 - 110	P	06/04/2025	22:06	LB136011
	Cobalt	2330	2500	93	90 - 110	P	06/04/2025	22:06	LB136011
	Copper	1170	1250	94	90 - 110	P	06/04/2025	22:06	LB136011
	Iron	4430	5000	88	90 - 110	P	06/04/2025	22:06	LB136011
	Lead	4670	5000	93	90 - 110	P	06/04/2025	22:06	LB136011
	Magnesium	23200	25000	93	90 - 110	P	06/04/2025	22:06	LB136011
	Manganese	2330	2500	93	90 - 110	P	06/04/2025	22:06	LB136011
	Nickel	2330	2500	93	90 - 110	P	06/04/2025	22:06	LB136011
	Potassium	21800	25000	87	90 - 110	P	06/04/2025	22:06	LB136011

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** Q2198

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2198 **SAS No.:** Q2198

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	4580	5000	92	90 - 110	P	06/04/2025	22:06	LB136011
	Silver	1170	1250	94	90 - 110	P	06/04/2025	22:06	LB136011
	Sodium	22000	25000	88	90 - 110	P	06/04/2025	22:06	LB136011
	Thallium	4600	5000	92	90 - 110	P	06/04/2025	22:06	LB136011
	Vanadium	2300	2500	92	90 - 110	P	06/04/2025	22:06	LB136011
	Zinc	2290	2500	92	90 - 110	P	06/04/2025	22:06	LB136011

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** Q2198

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2198 **SAS No.:** Q2198

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	2480	2500	99	90 - 110	P	06/05/2025	15:55	LB136035
	Antimony	1020	1000	102	90 - 110	P	06/05/2025	15:55	LB136035
	Arsenic	1010	1000	101	90 - 110	P	06/05/2025	15:55	LB136035
	Barium	475	520	91	90 - 110	P	06/05/2025	15:55	LB136035
	Beryllium	480	510	94	90 - 110	P	06/05/2025	15:55	LB136035
	Cadmium	504	510	99	90 - 110	P	06/05/2025	15:55	LB136035
	Calcium	9690	10000	97	90 - 110	P	06/05/2025	15:55	LB136035
	Chromium	529	520	102	90 - 110	P	06/05/2025	15:55	LB136035
	Cobalt	525	520	101	90 - 110	P	06/05/2025	15:55	LB136035
	Copper	527	510	103	90 - 110	P	06/05/2025	15:55	LB136035
	Iron	10100	10000	101	90 - 110	P	06/05/2025	15:55	LB136035
	Lead	985	1000	98	90 - 110	P	06/05/2025	15:55	LB136035
	Magnesium	6060	6000	101	90 - 110	P	06/05/2025	15:55	LB136035
	Manganese	500	520	96	90 - 110	P	06/05/2025	15:55	LB136035
	Nickel	535	530	101	90 - 110	P	06/05/2025	15:55	LB136035
	Potassium	9470	9900	96	90 - 110	P	06/05/2025	15:55	LB136035
	Selenium	1000	1000	100	90 - 110	P	06/05/2025	15:55	LB136035
	Silver	261	250	104	90 - 110	P	06/05/2025	15:55	LB136035
	Sodium	10200	10000	102	90 - 110	P	06/05/2025	15:55	LB136035
	Thallium	1060	1000	106	90 - 110	P	06/05/2025	15:55	LB136035
	Vanadium	477	500	95	90 - 110	P	06/05/2025	15:55	LB136035
	Zinc	995	1000	100	90 - 110	P	06/05/2025	15:55	LB136035

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** Q2198

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2198 **SAS No.:** Q2198

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	99.6	100	100	80 - 120	P	06/05/2025	16:09	LB136035
	Antimony	50.6	50.0	101	80 - 120	P	06/05/2025	16:09	LB136035
	Arsenic	23.4	20.0	117	80 - 120	P	06/05/2025	16:09	LB136035
	Barium	88.5	100	88	80 - 120	P	06/05/2025	16:09	LB136035
	Beryllium	5.63	6.0	94	80 - 120	P	06/05/2025	16:09	LB136035
	Cadmium	6.12	6.0	102	80 - 120	P	06/05/2025	16:09	LB136035
	Calcium	1870	2000	93	80 - 120	P	06/05/2025	16:09	LB136035
	Chromium	10.7	10.0	107	80 - 120	P	06/05/2025	16:09	LB136035
	Cobalt	29.7	30.0	99	80 - 120	P	06/05/2025	16:09	LB136035
	Copper	21.5	20.0	107	80 - 120	P	06/05/2025	16:09	LB136035
	Iron	114	100	114	80 - 120	P	06/05/2025	16:09	LB136035
	Lead	14.0	12.0	117	80 - 120	P	06/05/2025	16:09	LB136035
	Magnesium	1930	2000	96	80 - 120	P	06/05/2025	16:09	LB136035
	Manganese	19.0	20.0	95	80 - 120	P	06/05/2025	16:09	LB136035
	Nickel	40.1	40.0	100	80 - 120	P	06/05/2025	16:09	LB136035
	Potassium	2370	2000	118	80 - 120	P	06/05/2025	16:09	LB136035
	Selenium	22.3	20.0	112	80 - 120	P	06/05/2025	16:09	LB136035
	Silver	10.4	10.0	104	80 - 120	P	06/05/2025	16:09	LB136035
	Sodium	1930	2000	96	80 - 120	P	06/05/2025	16:09	LB136035
	Thallium	41.2	40.0	103	80 - 120	P	06/05/2025	16:09	LB136035
	Vanadium	35.7	40.0	89	80 - 120	P	06/05/2025	16:09	LB136035
	Zinc	45.3	40.0	113	80 - 120	P	06/05/2025	16:09	LB136035

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** Q2198

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2198 **SAS No.:** Q2198

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	9670	10000	97	90 - 110	P	06/05/2025	16:50	LB136035
	Antimony	5030	5000	101	90 - 110	P	06/05/2025	16:50	LB136035
	Arsenic	4980	5000	100	90 - 110	P	06/05/2025	16:50	LB136035
	Barium	9250	10000	92	90 - 110	P	06/05/2025	16:50	LB136035
	Beryllium	238	250	95	90 - 110	P	06/05/2025	16:50	LB136035
	Cadmium	2470	2500	99	90 - 110	P	06/05/2025	16:50	LB136035
	Calcium	23900	25000	96	90 - 110	P	06/05/2025	16:50	LB136035
	Chromium	1010	1000	101	90 - 110	P	06/05/2025	16:50	LB136035
	Cobalt	2470	2500	99	90 - 110	P	06/05/2025	16:50	LB136035
	Copper	1260	1250	101	90 - 110	P	06/05/2025	16:50	LB136035
	Iron	4890	5000	98	90 - 110	P	06/05/2025	16:50	LB136035
	Lead	4930	5000	99	90 - 110	P	06/05/2025	16:50	LB136035
	Magnesium	24100	25000	96	90 - 110	P	06/05/2025	16:50	LB136035
	Manganese	2340	2500	94	90 - 110	P	06/05/2025	16:50	LB136035
	Nickel	2470	2500	99	90 - 110	P	06/05/2025	16:50	LB136035
	Potassium	24300	25000	97	90 - 110	P	06/05/2025	16:50	LB136035
	Selenium	5020	5000	100	90 - 110	P	06/05/2025	16:50	LB136035
	Silver	1230	1250	99	90 - 110	P	06/05/2025	16:50	LB136035
	Sodium	24900	25000	100	90 - 110	P	06/05/2025	16:50	LB136035
	Thallium	5260	5000	105	90 - 110	P	06/05/2025	16:50	LB136035
	Vanadium	2390	2500	96	90 - 110	P	06/05/2025	16:50	LB136035
	Zinc	2540	2500	102	90 - 110	P	06/05/2025	16:50	LB136035
CCV02	Aluminum	9470	10000	95	90 - 110	P	06/05/2025	17:46	LB136035
	Antimony	5050	5000	101	90 - 110	P	06/05/2025	17:46	LB136035
	Arsenic	4960	5000	99	90 - 110	P	06/05/2025	17:46	LB136035
	Barium	9460	10000	95	90 - 110	P	06/05/2025	17:46	LB136035
	Beryllium	228	250	91	90 - 110	P	06/05/2025	17:46	LB136035
	Cadmium	2450	2500	98	90 - 110	P	06/05/2025	17:46	LB136035
	Calcium	23600	25000	94	90 - 110	P	06/05/2025	17:46	LB136035
	Chromium	1000	1000	100	90 - 110	P	06/05/2025	17:46	LB136035
	Cobalt	2450	2500	98	90 - 110	P	06/05/2025	17:46	LB136035
	Copper	1260	1250	101	90 - 110	P	06/05/2025	17:46	LB136035
	Iron	5140	5000	103	90 - 110	P	06/05/2025	17:46	LB136035
	Lead	4870	5000	97	90 - 110	P	06/05/2025	17:46	LB136035

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** Q2198

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2198 **SAS No.:** Q2198

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	23400	25000	94	90 - 110	P	06/05/2025	17:46	LB136035
	Manganese	2340	2500	94	90 - 110	P	06/05/2025	17:46	LB136035
	Nickel	2440	2500	98	90 - 110	P	06/05/2025	17:46	LB136035
	Potassium	25400	25000	102	90 - 110	P	06/05/2025	17:46	LB136035
	Selenium	5030	5000	101	90 - 110	P	06/05/2025	17:46	LB136035
	Silver	1240	1250	100	90 - 110	P	06/05/2025	17:46	LB136035
	Sodium	25900	25000	104	90 - 110	P	06/05/2025	17:46	LB136035
	Thallium	5010	5000	100	90 - 110	P	06/05/2025	17:46	LB136035
	Vanadium	2380	2500	95	90 - 110	P	06/05/2025	17:46	LB136035
	Zinc	2490	2500	100	90 - 110	P	06/05/2025	17:46	LB136035
CCV03	Aluminum	9470	10000	95	90 - 110	P	06/05/2025	19:43	LB136035
	Antimony	4670	5000	94	90 - 110	P	06/05/2025	19:43	LB136035
	Arsenic	4930	5000	99	90 - 110	P	06/05/2025	19:43	LB136035
	Barium	10200	10000	102	90 - 110	P	06/05/2025	19:43	LB136035
	Beryllium	237	250	95	90 - 110	P	06/05/2025	19:43	LB136035
	Cadmium	2430	2500	97	90 - 110	P	06/05/2025	19:43	LB136035
	Calcium	24700	25000	99	90 - 110	P	06/05/2025	19:43	LB136035
	Chromium	961	1000	96	90 - 110	P	06/05/2025	19:43	LB136035
	Cobalt	2440	2500	98	90 - 110	P	06/05/2025	19:43	LB136035
	Copper	1230	1250	98	90 - 110	P	06/05/2025	19:43	LB136035
	Iron	5110	5000	102	90 - 110	P	06/05/2025	19:43	LB136035
	Lead	4870	5000	97	90 - 110	P	06/05/2025	19:43	LB136035
	Magnesium	24200	25000	97	90 - 110	P	06/05/2025	19:43	LB136035
	Manganese	2540	2500	102	90 - 110	P	06/05/2025	19:43	LB136035
	Nickel	2440	2500	98	90 - 110	P	06/05/2025	19:43	LB136035
	Potassium	24700	25000	99	90 - 110	P	06/05/2025	19:43	LB136035
	Selenium	4950	5000	99	90 - 110	P	06/05/2025	19:43	LB136035
	Silver	1210	1250	97	90 - 110	P	06/05/2025	19:43	LB136035
	Sodium	23100	25000	92	90 - 110	P	06/05/2025	19:43	LB136035
	Thallium	4940	5000	99	90 - 110	P	06/05/2025	19:43	LB136035
	Vanadium	2450	2500	98	90 - 110	P	06/05/2025	19:43	LB136035
	Zinc	2610	2500	104	90 - 110	P	06/05/2025	19:43	LB136035
CCV04	Aluminum	9620	10000	96	90 - 110	P	06/05/2025	20:28	LB136035
	Antimony	4840	5000	97	90 - 110	P	06/05/2025	20:28	LB136035

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** Q2198

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2198 **SAS No.:** Q2198

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	5150	5000	103	90 - 110	P	06/05/2025	20:28	LB136035
	Barium	10000	10000	100	90 - 110	P	06/05/2025	20:28	LB136035
	Beryllium	232	250	93	90 - 110	P	06/05/2025	20:28	LB136035
	Cadmium	2500	2500	100	90 - 110	P	06/05/2025	20:28	LB136035
	Calcium	24600	25000	98	90 - 110	P	06/05/2025	20:28	LB136035
	Chromium	995	1000	100	90 - 110	P	06/05/2025	20:28	LB136035
	Cobalt	2490	2500	100	90 - 110	P	06/05/2025	20:28	LB136035
	Copper	1270	1250	102	90 - 110	P	06/05/2025	20:28	LB136035
	Iron	5230	5000	105	90 - 110	P	06/05/2025	20:28	LB136035
	Lead	4990	5000	100	90 - 110	P	06/05/2025	20:28	LB136035
	Magnesium	24200	25000	97	90 - 110	P	06/05/2025	20:28	LB136035
	Manganese	2470	2500	99	90 - 110	P	06/05/2025	20:28	LB136035
	Nickel	2500	2500	100	90 - 110	P	06/05/2025	20:28	LB136035
	Potassium	25400	25000	101	90 - 110	P	06/05/2025	20:28	LB136035
	Selenium	5160	5000	103	90 - 110	P	06/05/2025	20:28	LB136035
	Silver	1230	1250	99	90 - 110	P	06/05/2025	20:28	LB136035
	Sodium	22600	25000	90	90 - 110	P	06/05/2025	20:28	LB136035
	Thallium	5050	5000	101	90 - 110	P	06/05/2025	20:28	LB136035
	Vanadium	2480	2500	99	90 - 110	P	06/05/2025	20:28	LB136035
	Zinc	2630	2500	105	90 - 110	P	06/05/2025	20:28	LB136035
CCV05	Aluminum	9550	10000	96	90 - 110	P	06/05/2025	23:51	LB136035
	Antimony	4730	5000	94	90 - 110	P	06/05/2025	23:51	LB136035
	Arsenic	5070	5000	101	90 - 110	P	06/05/2025	23:51	LB136035
	Barium	9950	10000	100	90 - 110	P	06/05/2025	23:51	LB136035
	Beryllium	239	250	96	90 - 110	P	06/05/2025	23:51	LB136035
	Cadmium	2500	2500	100	90 - 110	P	06/05/2025	23:51	LB136035
	Calcium	24700	25000	99	90 - 110	P	06/05/2025	23:51	LB136035
	Chromium	1010	1000	101	90 - 110	P	06/05/2025	23:51	LB136035
	Cobalt	2480	2500	99	90 - 110	P	06/05/2025	23:51	LB136035
	Copper	1250	1250	100	90 - 110	P	06/05/2025	23:51	LB136035
	Iron	5320	5000	106	90 - 110	P	06/05/2025	23:51	LB136035
	Lead	4970	5000	100	90 - 110	P	06/05/2025	23:51	LB136035
	Magnesium	24300	25000	97	90 - 110	P	06/05/2025	23:51	LB136035
	Manganese	2480	2500	99	90 - 110	P	06/05/2025	23:51	LB136035

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** Q2198

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2198 **SAS No.:** Q2198

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	2490	2500	100	90 - 110	P	06/05/2025	23:51	LB136035
	Potassium	25600	25000	102	90 - 110	P	06/05/2025	23:51	LB136035
	Selenium	5060	5000	101	90 - 110	P	06/05/2025	23:51	LB136035
	Silver	1260	1250	100	90 - 110	P	06/05/2025	23:51	LB136035
	Sodium	23000	25000	92	90 - 110	P	06/05/2025	23:51	LB136035
	Thallium	4960	5000	99	90 - 110	P	06/05/2025	23:51	LB136035
	Vanadium	2470	2500	99	90 - 110	P	06/05/2025	23:51	LB136035
	Zinc	2670	2500	107	90 - 110	P	06/05/2025	23:51	LB136035

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** Q2198

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2198 **SAS No.:** Q2198

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	2550	2500	102	90 - 110	P	06/06/2025	13:16	LB136052
	Antimony	1020	1000	102	90 - 110	P	06/06/2025	13:16	LB136052
	Arsenic	1010	1000	101	90 - 110	P	06/06/2025	13:16	LB136052
	Barium	507	520	98	90 - 110	P	06/06/2025	13:16	LB136052
	Beryllium	485	510	95	90 - 110	P	06/06/2025	13:16	LB136052
	Cadmium	502	510	98	90 - 110	P	06/06/2025	13:16	LB136052
	Calcium	9890	10000	99	90 - 110	P	06/06/2025	13:16	LB136052
	Chromium	522	520	100	90 - 110	P	06/06/2025	13:16	LB136052
	Cobalt	523	520	101	90 - 110	P	06/06/2025	13:16	LB136052
	Copper	527	510	103	90 - 110	P	06/06/2025	13:16	LB136052
	Iron	10300	10000	103	90 - 110	P	06/06/2025	13:16	LB136052
	Lead	980	1000	98	90 - 110	P	06/06/2025	13:16	LB136052
	Magnesium	6090	6000	102	90 - 110	P	06/06/2025	13:16	LB136052
	Manganese	520	520	100	90 - 110	P	06/06/2025	13:16	LB136052
	Nickel	533	530	100	90 - 110	P	06/06/2025	13:16	LB136052
	Potassium	9630	9900	97	90 - 110	P	06/06/2025	13:16	LB136052
	Selenium	998	1000	100	90 - 110	P	06/06/2025	13:16	LB136052
	Silver	243	250	97	90 - 110	P	06/06/2025	13:16	LB136052
	Sodium	10100	10000	101	90 - 110	P	06/06/2025	13:16	LB136052
	Thallium	985	1000	98	90 - 110	P	06/06/2025	13:16	LB136052
	Vanadium	489	500	98	90 - 110	P	06/06/2025	13:16	LB136052
	Zinc	991	1000	99	90 - 110	P	06/06/2025	13:16	LB136052

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** Q2198

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2198 **SAS No.:** Q2198

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	105	100	105	80 - 120	P	06/06/2025	13:29	LB136052
	Antimony	47.2	50.0	94	80 - 120	P	06/06/2025	13:29	LB136052
	Arsenic	21.6	20.0	108	80 - 120	P	06/06/2025	13:29	LB136052
	Barium	92.0	100	92	80 - 120	P	06/06/2025	13:29	LB136052
	Beryllium	5.86	6.0	98	80 - 120	P	06/06/2025	13:29	LB136052
	Cadmium	6.02	6.0	100	80 - 120	P	06/06/2025	13:29	LB136052
	Calcium	1940	2000	97	80 - 120	P	06/06/2025	13:29	LB136052
	Chromium	9.45	10.0	94	80 - 120	P	06/06/2025	13:29	LB136052
	Cobalt	29.2	30.0	97	80 - 120	P	06/06/2025	13:29	LB136052
	Copper	21.0	20.0	105	80 - 120	P	06/06/2025	13:29	LB136052
	Iron	106	100	106	80 - 120	P	06/06/2025	13:29	LB136052
	Lead	13.9	12.0	116	80 - 120	P	06/06/2025	13:29	LB136052
	Magnesium	1960	2000	98	80 - 120	P	06/06/2025	13:29	LB136052
	Manganese	19.2	20.0	96	80 - 120	P	06/06/2025	13:29	LB136052
	Nickel	39.7	40.0	99	80 - 120	P	06/06/2025	13:29	LB136052
	Potassium	2290	2000	115	80 - 120	P	06/06/2025	13:29	LB136052
	Selenium	22.5	20.0	112	80 - 120	P	06/06/2025	13:29	LB136052
	Silver	9.79	10.0	98	80 - 120	P	06/06/2025	13:29	LB136052
	Sodium	1630	2000	82	80 - 120	P	06/06/2025	13:29	LB136052
	Thallium	41.0	40.0	102	80 - 120	P	06/06/2025	13:29	LB136052
	Vanadium	38.8	40.0	97	80 - 120	P	06/06/2025	13:29	LB136052
	Zinc	43.4	40.0	108	80 - 120	P	06/06/2025	13:29	LB136052

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** Q2198

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2198 **SAS No.:** Q2198

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	9970	10000	100	90 - 110	P	06/06/2025	14:05	LB136052
	Antimony	5060	5000	101	90 - 110	P	06/06/2025	14:05	LB136052
	Arsenic	5060	5000	101	90 - 110	P	06/06/2025	14:05	LB136052
	Barium	9720	10000	97	90 - 110	P	06/06/2025	14:05	LB136052
	Beryllium	244	250	98	90 - 110	P	06/06/2025	14:05	LB136052
	Cadmium	2460	2500	98	90 - 110	P	06/06/2025	14:05	LB136052
	Calcium	24000	25000	96	90 - 110	P	06/06/2025	14:05	LB136052
	Chromium	995	1000	100	90 - 110	P	06/06/2025	14:05	LB136052
	Cobalt	2460	2500	98	90 - 110	P	06/06/2025	14:05	LB136052
	Copper	1250	1250	100	90 - 110	P	06/06/2025	14:05	LB136052
	Iron	4810	5000	96	90 - 110	P	06/06/2025	14:05	LB136052
	Lead	4910	5000	98	90 - 110	P	06/06/2025	14:05	LB136052
	Magnesium	23900	25000	95	90 - 110	P	06/06/2025	14:05	LB136052
	Manganese	2360	2500	95	90 - 110	P	06/06/2025	14:05	LB136052
	Nickel	2460	2500	98	90 - 110	P	06/06/2025	14:05	LB136052
	Potassium	24400	25000	98	90 - 110	P	06/06/2025	14:05	LB136052
	Selenium	5120	5000	102	90 - 110	P	06/06/2025	14:05	LB136052
	Silver	1240	1250	99	90 - 110	P	06/06/2025	14:05	LB136052
	Sodium	24400	25000	98	90 - 110	P	06/06/2025	14:05	LB136052
	Thallium	5010	5000	100	90 - 110	P	06/06/2025	14:05	LB136052
	Vanadium	2420	2500	97	90 - 110	P	06/06/2025	14:05	LB136052
	Zinc	2480	2500	99	90 - 110	P	06/06/2025	14:05	LB136052
CCV02	Aluminum	9950	10000	100	90 - 110	P	06/06/2025	14:56	LB136052
	Antimony	5150	5000	103	90 - 110	P	06/06/2025	14:56	LB136052
	Arsenic	5110	5000	102	90 - 110	P	06/06/2025	14:56	LB136052
	Barium	9740	10000	97	90 - 110	P	06/06/2025	14:56	LB136052
	Beryllium	235	250	94	90 - 110	P	06/06/2025	14:56	LB136052
	Cadmium	2470	2500	99	90 - 110	P	06/06/2025	14:56	LB136052
	Calcium	23900	25000	96	90 - 110	P	06/06/2025	14:56	LB136052
	Chromium	993	1000	99	90 - 110	P	06/06/2025	14:56	LB136052
	Cobalt	2480	2500	99	90 - 110	P	06/06/2025	14:56	LB136052
	Copper	1280	1250	102	90 - 110	P	06/06/2025	14:56	LB136052
	Iron	4920	5000	98	90 - 110	P	06/06/2025	14:56	LB136052
	Lead	4960	5000	99	90 - 110	P	06/06/2025	14:56	LB136052

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** Q2198

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2198 **SAS No.:** Q2198

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	23700	25000	95	90 - 110	P	06/06/2025	14:56	LB136052
	Manganese	2370	2500	95	90 - 110	P	06/06/2025	14:56	LB136052
	Nickel	2480	2500	99	90 - 110	P	06/06/2025	14:56	LB136052
	Potassium	25000	25000	100	90 - 110	P	06/06/2025	14:56	LB136052
	Selenium	5170	5000	103	90 - 110	P	06/06/2025	14:56	LB136052
	Silver	1250	1250	100	90 - 110	P	06/06/2025	14:56	LB136052
	Sodium	25100	25000	100	90 - 110	P	06/06/2025	14:56	LB136052
	Thallium	5070	5000	101	90 - 110	P	06/06/2025	14:56	LB136052
	Vanadium	2430	2500	97	90 - 110	P	06/06/2025	14:56	LB136052
	Zinc	2490	2500	100	90 - 110	P	06/06/2025	14:56	LB136052
CCV03	Aluminum	10200	10000	102	90 - 110	P	06/06/2025	15:50	LB136052
	Antimony	5160	5000	103	90 - 110	P	06/06/2025	15:50	LB136052
	Arsenic	5150	5000	103	90 - 110	P	06/06/2025	15:50	LB136052
	Barium	9690	10000	97	90 - 110	P	06/06/2025	15:50	LB136052
	Beryllium	253	250	101	90 - 110	P	06/06/2025	15:50	LB136052
	Cadmium	2510	2500	100	90 - 110	P	06/06/2025	15:50	LB136052
	Calcium	24500	25000	98	90 - 110	P	06/06/2025	15:50	LB136052
	Chromium	998	1000	100	90 - 110	P	06/06/2025	15:50	LB136052
	Cobalt	2510	2500	100	90 - 110	P	06/06/2025	15:50	LB136052
	Copper	1280	1250	103	90 - 110	P	06/06/2025	15:50	LB136052
	Iron	4640	5000	93	90 - 110	P	06/06/2025	15:50	LB136052
	Lead	5000	5000	100	90 - 110	P	06/06/2025	15:50	LB136052
	Magnesium	24600	25000	98	90 - 110	P	06/06/2025	15:50	LB136052
	Manganese	2420	2500	97	90 - 110	P	06/06/2025	15:50	LB136052
	Nickel	2510	2500	100	90 - 110	P	06/06/2025	15:50	LB136052
	Potassium	23600	25000	94	90 - 110	P	06/06/2025	15:50	LB136052
	Selenium	5210	5000	104	90 - 110	P	06/06/2025	15:50	LB136052
	Silver	1240	1250	99	90 - 110	P	06/06/2025	15:50	LB136052
	Sodium	23900	25000	95	90 - 110	P	06/06/2025	15:50	LB136052
	Thallium	5080	5000	102	90 - 110	P	06/06/2025	15:50	LB136052
	Vanadium	2460	2500	98	90 - 110	P	06/06/2025	15:50	LB136052
	Zinc	2470	2500	99	90 - 110	P	06/06/2025	15:50	LB136052
CCV04	Aluminum	9810	10000	98	90 - 110	P	06/06/2025	16:46	LB136052
	Antimony	4960	5000	99	90 - 110	P	06/06/2025	16:46	LB136052

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** Q2198

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2198 **SAS No.:** Q2198

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	4920	5000	98	90 - 110	P	06/06/2025	16:46	LB136052
	Barium	9750	10000	98	90 - 110	P	06/06/2025	16:46	LB136052
	Beryllium	237	250	95	90 - 110	P	06/06/2025	16:46	LB136052
	Cadmium	2450	2500	98	90 - 110	P	06/06/2025	16:46	LB136052
	Calcium	24200	25000	97	90 - 110	P	06/06/2025	16:46	LB136052
	Chromium	993	1000	99	90 - 110	P	06/06/2025	16:46	LB136052
	Cobalt	2450	2500	98	90 - 110	P	06/06/2025	16:46	LB136052
	Copper	1240	1250	99	90 - 110	P	06/06/2025	16:46	LB136052
	Iron	4980	5000	100	90 - 110	P	06/06/2025	16:46	LB136052
	Lead	4890	5000	98	90 - 110	P	06/06/2025	16:46	LB136052
	Magnesium	23900	25000	96	90 - 110	P	06/06/2025	16:46	LB136052
	Manganese	2400	2500	96	90 - 110	P	06/06/2025	16:46	LB136052
	Nickel	2450	2500	98	90 - 110	P	06/06/2025	16:46	LB136052
	Potassium	24600	25000	98	90 - 110	P	06/06/2025	16:46	LB136052
	Selenium	4920	5000	98	90 - 110	P	06/06/2025	16:46	LB136052
	Silver	1230	1250	98	90 - 110	P	06/06/2025	16:46	LB136052
	Sodium	25000	25000	100	90 - 110	P	06/06/2025	16:46	LB136052
	Thallium	4710	5000	94	90 - 110	P	06/06/2025	16:46	LB136052
	Vanadium	2430	2500	97	90 - 110	P	06/06/2025	16:46	LB136052
	Zinc	2460	2500	98	90 - 110	P	06/06/2025	16:46	LB136052
CCV05	Aluminum	9840	10000	98	90 - 110	P	06/06/2025	17:40	LB136052
	Antimony	4960	5000	99	90 - 110	P	06/06/2025	17:40	LB136052
	Arsenic	4930	5000	99	90 - 110	P	06/06/2025	17:40	LB136052
	Barium	9480	10000	95	90 - 110	P	06/06/2025	17:40	LB136052
	Beryllium	243	250	97	90 - 110	P	06/06/2025	17:40	LB136052
	Cadmium	2390	2500	96	90 - 110	P	06/06/2025	17:40	LB136052
	Calcium	23700	25000	95	90 - 110	P	06/06/2025	17:40	LB136052
	Chromium	977	1000	98	90 - 110	P	06/06/2025	17:40	LB136052
	Cobalt	2410	2500	96	90 - 110	P	06/06/2025	17:40	LB136052
	Copper	1250	1250	100	90 - 110	P	06/06/2025	17:40	LB136052
	Iron	4770	5000	95	90 - 110	P	06/06/2025	17:40	LB136052
	Lead	4810	5000	96	90 - 110	P	06/06/2025	17:40	LB136052
	Magnesium	23600	25000	94	90 - 110	P	06/06/2025	17:40	LB136052
	Manganese	2370	2500	95	90 - 110	P	06/06/2025	17:40	LB136052

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Metals

- 2a -
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** Q2198

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2198 **SAS No.:** Q2198

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	2410	2500	96	90 - 110	P	06/06/2025	17:40	LB136052
	Potassium	23900	25000	96	90 - 110	P	06/06/2025	17:40	LB136052
	Selenium	5010	5000	100	90 - 110	P	06/06/2025	17:40	LB136052
	Silver	1230	1250	99	90 - 110	P	06/06/2025	17:40	LB136052
	Sodium	24000	25000	96	90 - 110	P	06/06/2025	17:40	LB136052
	Thallium	4840	5000	97	90 - 110	P	06/06/2025	17:40	LB136052
	Vanadium	2400	2500	96	90 - 110	P	06/06/2025	17:40	LB136052
	Zinc	2450	2500	98	90 - 110	P	06/06/2025	17:40	LB136052
CCV06	Aluminum	9230	10000	92	90 - 110	P	06/07/2025	03:03	LB136052
	Antimony	4480	5000	90	90 - 110	P	06/07/2025	03:03	LB136052
	Arsenic	4390	5000	88	90 - 110	P	06/07/2025	03:03	LB136052
	Barium	9840	10000	98	90 - 110	P	06/07/2025	03:03	LB136052
	Beryllium	257	250	103	90 - 110	P	06/07/2025	03:03	LB136052
	Cadmium	2300	2500	92	90 - 110	P	06/07/2025	03:03	LB136052
	Calcium	23900	25000	96	90 - 110	P	06/07/2025	03:03	LB136052
	Chromium	907	1000	91	90 - 110	P	06/07/2025	03:03	LB136052
	Cobalt	2290	2500	92	90 - 110	P	06/07/2025	03:03	LB136052
	Copper	1170	1250	94	90 - 110	P	06/07/2025	03:03	LB136052
	Iron	4160	5000	83	90 - 110	P	06/07/2025	03:03	LB136052
	Lead	4580	5000	92	90 - 110	P	06/07/2025	03:03	LB136052
	Magnesium	24100	25000	96	90 - 110	P	06/07/2025	03:03	LB136052
	Manganese	2470	2500	99	90 - 110	P	06/07/2025	03:03	LB136052
	Nickel	2300	2500	92	90 - 110	P	06/07/2025	03:03	LB136052
	Potassium	20100	25000	81	90 - 110	P	06/07/2025	03:03	LB136052
	Selenium	4340	5000	87	90 - 110	P	06/07/2025	03:03	LB136052
	Silver	1120	1250	90	90 - 110	P	06/07/2025	03:03	LB136052
	Sodium	20700	25000	83	90 - 110	P	06/07/2025	03:03	LB136052
	Thallium	4470	5000	89	90 - 110	P	06/07/2025	03:03	LB136052
	Vanadium	2390	2500	96	90 - 110	P	06/07/2025	03:03	LB136052
	Zinc	2190	2500	88	90 - 110	P	06/07/2025	03:03	LB136052
CCV07	Aluminum	9310	10000	93	90 - 110	P	06/07/2025	03:40	LB136052
	Antimony	4500	5000	90	90 - 110	P	06/07/2025	03:40	LB136052
	Arsenic	4400	5000	88	90 - 110	P	06/07/2025	03:40	LB136052
	Barium	10300	10000	103	90 - 110	P	06/07/2025	03:40	LB136052

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** Q2198

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2198 **SAS No.:** Q2198

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	249	250	100	90 - 110	P	06/07/2025	03:40	LB136052
	Cadmium	2330	2500	93	90 - 110	P	06/07/2025	03:40	LB136052
	Calcium	24600	25000	98	90 - 110	P	06/07/2025	03:40	LB136052
	Chromium	951	1000	95	90 - 110	P	06/07/2025	03:40	LB136052
	Cobalt	2320	2500	93	90 - 110	P	06/07/2025	03:40	LB136052
	Copper	1180	1250	94	90 - 110	P	06/07/2025	03:40	LB136052
	Iron	4870	5000	98	90 - 110	P	06/07/2025	03:40	LB136052
	Lead	4630	5000	92	90 - 110	P	06/07/2025	03:40	LB136052
	Magnesium	24500	25000	98	90 - 110	P	06/07/2025	03:40	LB136052
	Manganese	2530	2500	101	90 - 110	P	06/07/2025	03:40	LB136052
	Nickel	2330	2500	93	90 - 110	P	06/07/2025	03:40	LB136052
	Potassium	22700	25000	91	90 - 110	P	06/07/2025	03:40	LB136052
	Selenium	4350	5000	87	90 - 110	P	06/07/2025	03:40	LB136052
	Silver	1180	1250	95	90 - 110	P	06/07/2025	03:40	LB136052
	Sodium	23300	25000	93	90 - 110	P	06/07/2025	03:40	LB136052
	Thallium	4510	5000	90	90 - 110	P	06/07/2025	03:40	LB136052
	Vanadium	2470	2500	99	90 - 110	P	06/07/2025	03:40	LB136052
	Zinc	2300	2500	92	90 - 110	P	06/07/2025	03:40	LB136052

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Metals

- 2b -
CRDL STANDARD FOR AA & ICP

Client: Portal Partners Tri-Venture **SDG No.:** Q2198

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2198 **SAS No.:** Q2198

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	0.20	0.2	98	70 - 130	CV	06/04/2025	15:21	LB136001
CRI01	Aluminum	98.3	100	98	65 - 135	P	06/04/2025	16:15	LB136011
	Antimony	50.4	50.0	101	65 - 135	P	06/04/2025	16:15	LB136011
	Arsenic	18.7	20.0	93	65 - 135	P	06/04/2025	16:15	LB136011
	Barium	86.6	100	87	65 - 135	P	06/04/2025	16:15	LB136011
	Beryllium	5.83	6.0	97	65 - 135	P	06/04/2025	16:15	LB136011
	Cadmium	5.99	6.0	100	65 - 135	P	06/04/2025	16:15	LB136011
	Calcium	1880	2000	94	65 - 135	P	06/04/2025	16:15	LB136011
	Chromium	10.8	10.0	108	65 - 135	P	06/04/2025	16:15	LB136011
	Cobalt	29.4	30.0	98	65 - 135	P	06/04/2025	16:15	LB136011
	Copper	22.0	20.0	110	65 - 135	P	06/04/2025	16:15	LB136011
	Iron	102	100	102	65 - 135	P	06/04/2025	16:15	LB136011
	Lead	11.2	12.0	93	65 - 135	P	06/04/2025	16:15	LB136011
	Magnesium	1930	2000	96	65 - 135	P	06/04/2025	16:15	LB136011
	Manganese	18.8	20.0	94	65 - 135	P	06/04/2025	16:15	LB136011
	Nickel	40.6	40.0	102	65 - 135	P	06/04/2025	16:15	LB136011
	Potassium	1840	2000	92	65 - 135	P	06/04/2025	16:15	LB136011
	Selenium	20.9	20.0	105	65 - 135	P	06/04/2025	16:15	LB136011
	Silver	10.0	10.0	100	65 - 135	P	06/04/2025	16:15	LB136011
	Sodium	1720	2000	86	65 - 135	P	06/04/2025	16:15	LB136011
	Thallium	38.5	40.0	96	65 - 135	P	06/04/2025	16:15	LB136011
	Vanadium	37.4	40.0	94	65 - 135	P	06/04/2025	16:15	LB136011
	Zinc	42.5	40.0	106	65 - 135	P	06/04/2025	16:15	LB136011
CRI01	Aluminum	93.4	100	93	65 - 135	P	06/05/2025	16:19	LB136035
	Antimony	50.9	50.0	102	65 - 135	P	06/05/2025	16:19	LB136035
	Arsenic	21.7	20.0	108	65 - 135	P	06/05/2025	16:19	LB136035
	Barium	86.6	100	87	65 - 135	P	06/05/2025	16:19	LB136035
	Beryllium	5.62	6.0	94	65 - 135	P	06/05/2025	16:19	LB136035
	Cadmium	5.91	6.0	98	65 - 135	P	06/05/2025	16:19	LB136035
	Calcium	1840	2000	92	65 - 135	P	06/05/2025	16:19	LB136035
	Chromium	10.3	10.0	103	65 - 135	P	06/05/2025	16:19	LB136035
	Cobalt	29.0	30.0	97	65 - 135	P	06/05/2025	16:19	LB136035
	Copper	21.2	20.0	106	65 - 135	P	06/05/2025	16:19	LB136035
	Iron	111	100	111	65 - 135	P	06/05/2025	16:19	LB136035
	Lead	13.0	12.0	108	65 - 135	P	06/05/2025	16:19	LB136035

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Metals

- 2b -
CRDL STANDARD FOR AA & ICP

Client: Portal Partners Tri-Venture **SDG No.:** Q2198

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2198 **SAS No.:** Q2198

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
CRI01	Magnesium	1930	2000	97	65 - 135	P	06/05/2025	16:19	LB136035
	Manganese	18.4	20.0	92	65 - 135	P	06/05/2025	16:19	LB136035
	Nickel	38.8	40.0	97	65 - 135	P	06/05/2025	16:19	LB136035
	Potassium	2280	2000	114	65 - 135	P	06/05/2025	16:19	LB136035
	Selenium	23.1	20.0	116	65 - 135	P	06/05/2025	16:19	LB136035
	Silver	9.86	10.0	99	65 - 135	P	06/05/2025	16:19	LB136035
	Sodium	1910	2000	95	65 - 135	P	06/05/2025	16:19	LB136035
	Thallium	42.1	40.0	105	65 - 135	P	06/05/2025	16:19	LB136035
	Vanadium	35.8	40.0	90	65 - 135	P	06/05/2025	16:19	LB136035
	Zinc	44.7	40.0	112	65 - 135	P	06/05/2025	16:19	LB136035
CRA	Mercury	0.21	0.2	107	70 - 130	CV	06/06/2025	10:12	LB136036
CRI01	Aluminum	104	100	104	65 - 135	P	06/06/2025	13:37	LB136052
	Antimony	48.7	50.0	97	65 - 135	P	06/06/2025	13:37	LB136052
	Arsenic	21.3	20.0	107	65 - 135	P	06/06/2025	13:37	LB136052
	Barium	91.8	100	92	65 - 135	P	06/06/2025	13:37	LB136052
	Beryllium	5.67	6.0	94	65 - 135	P	06/06/2025	13:37	LB136052
	Cadmium	5.92	6.0	99	65 - 135	P	06/06/2025	13:37	LB136052
	Calcium	1900	2000	95	65 - 135	P	06/06/2025	13:37	LB136052
	Chromium	9.75	10.0	98	65 - 135	P	06/06/2025	13:37	LB136052
	Cobalt	29.5	30.0	98	65 - 135	P	06/06/2025	13:37	LB136052
	Copper	20.8	20.0	104	65 - 135	P	06/06/2025	13:37	LB136052
	Iron	112	100	112	65 - 135	P	06/06/2025	13:37	LB136052
	Lead	13.8	12.0	115	65 - 135	P	06/06/2025	13:37	LB136052
	Magnesium	1930	2000	96	65 - 135	P	06/06/2025	13:37	LB136052
	Manganese	18.7	20.0	93	65 - 135	P	06/06/2025	13:37	LB136052
	Nickel	39.5	40.0	99	65 - 135	P	06/06/2025	13:37	LB136052
	Potassium	2490	2000	124	65 - 135	P	06/06/2025	13:37	LB136052
	Selenium	19.7	20.0	98	65 - 135	P	06/06/2025	13:37	LB136052
	Silver	10.1	10.0	101	65 - 135	P	06/06/2025	13:37	LB136052
	Sodium	1800	2000	90	65 - 135	P	06/06/2025	13:37	LB136052
	Thallium	39.1	40.0	98	65 - 135	P	06/06/2025	13:37	LB136052
	Vanadium	36.5	40.0	91	65 - 135	P	06/06/2025	13:37	LB136052
	Zinc	45.4	40.0	113	65 - 135	P	06/06/2025	13:37	LB136052

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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q2198

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2198 **SAS No.:** Q2198

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB27	Mercury	0.076	+/-0.2	U	0.20	CV	06/04/2025	15:06	LB136001

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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q2198

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2198 **SAS No.:** Q2198

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Mercury	0.081	+/-0.2	J	0.20	CV	06/04/2025	15:14	LB136001
CCB02	Mercury	0.076	+/-0.2	U	0.20	CV	06/04/2025	16:01	LB136001
CCB03	Mercury	0.076	+/-0.2	U	0.20	CV	06/04/2025	16:29	LB136001

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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q2198

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2198 **SAS No.:** Q2198

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB29	Mercury	0.076	+/-0.2	U	0.20	CV	06/06/2025	10:05	LB136036

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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q2198

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2198 **SAS No.:** Q2198

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB08	Mercury	0.076	+/-0.2	U	0.20	CV	06/06/2025	10:10	LB136036
CCB09	Mercury	0.076	+/-0.2	U	0.20	CV	06/06/2025	10:40	LB136036
CCB10	Mercury	0.076	+/-0.2	U	0.20	CV	06/06/2025	11:07	LB136036
CCB11	Mercury	0.076	+/-0.2	U	0.20	CV	06/06/2025	11:43	LB136036
CCB12	Mercury	0.076	+/-0.2	U	0.20	CV	06/06/2025	12:08	LB136036
CCB13	Mercury	0.076	+/-0.2	U	0.20	CV	06/06/2025	12:35	LB136036

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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q2198

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2198 **SAS No.:** Q2198

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	06/04/2025	16:10	LB136011
	Antimony	6.76	+/-25	U	50.0	P	06/04/2025	16:10	LB136011
	Arsenic	5.12	+/-10	U	20.0	P	06/04/2025	16:10	LB136011
	Barium	14.6	+/-50	U	100	P	06/04/2025	16:10	LB136011
	Beryllium	0.56	+/-3	U	6.00	P	06/04/2025	16:10	LB136011
	Cadmium	0.50	+/-3	U	6.00	P	06/04/2025	16:10	LB136011
	Calcium	234	+/-1000	U	2000	P	06/04/2025	16:10	LB136011
	Chromium	2.12	+/-5	U	10.0	P	06/04/2025	16:10	LB136011
	Cobalt	2.26	+/-15	U	30.0	P	06/04/2025	16:10	LB136011
	Copper	4.60	+/-10	U	20.0	P	06/04/2025	16:10	LB136011
	Iron	23.4	+/-50	U	100	P	06/04/2025	16:10	LB136011
	Lead	2.30	+/-6	U	12.0	P	06/04/2025	16:10	LB136011
	Magnesium	244	+/-1000	U	2000	P	06/04/2025	16:10	LB136011
	Manganese	5.94	+/-10	U	20.0	P	06/04/2025	16:10	LB136011
	Nickel	3.06	+/-20	U	40.0	P	06/04/2025	16:10	LB136011
	Potassium	918	+/-1000	U	2000	P	06/04/2025	16:10	LB136011
	Selenium	9.64	+/-10	U	20.0	P	06/04/2025	16:10	LB136011
	Silver	1.62	+/-5	U	10.0	P	06/04/2025	16:10	LB136011
	Sodium	868	+/-1000	U	2000	P	06/04/2025	16:10	LB136011
	Thallium	4.38	+/-20	U	40.0	P	06/04/2025	16:10	LB136011
	Vanadium	6.26	+/-20	U	40.0	P	06/04/2025	16:10	LB136011
	Zinc	16.7	+/-20	U	40.0	P	06/04/2025	16:10	LB136011

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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q2198

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2198 **SAS No.:** Q2198

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	06/04/2025	16:52	LB136011
	Antimony	6.76	+/-25	U	50.0	P	06/04/2025	16:52	LB136011
	Arsenic	5.12	+/-10	U	20.0	P	06/04/2025	16:52	LB136011
	Barium	14.6	+/-50	U	100	P	06/04/2025	16:52	LB136011
	Beryllium	0.56	+/-3	U	6.00	P	06/04/2025	16:52	LB136011
	Cadmium	0.50	+/-3	U	6.00	P	06/04/2025	16:52	LB136011
	Calcium	234	+/-1000	U	2000	P	06/04/2025	16:52	LB136011
	Chromium	2.12	+/-5	U	10.0	P	06/04/2025	16:52	LB136011
	Cobalt	2.26	+/-15	U	30.0	P	06/04/2025	16:52	LB136011
	Copper	4.60	+/-10	U	20.0	P	06/04/2025	16:52	LB136011
	Iron	23.4	+/-50	U	100	P	06/04/2025	16:52	LB136011
	Lead	2.30	+/-6	U	12.0	P	06/04/2025	16:52	LB136011
	Magnesium	244	+/-1000	U	2000	P	06/04/2025	16:52	LB136011
	Manganese	5.94	+/-10	U	20.0	P	06/04/2025	16:52	LB136011
	Nickel	3.06	+/-20	U	40.0	P	06/04/2025	16:52	LB136011
	Potassium	918	+/-1000	U	2000	P	06/04/2025	16:52	LB136011
	Selenium	9.64	+/-10	U	20.0	P	06/04/2025	16:52	LB136011
	Silver	1.62	+/-5	U	10.0	P	06/04/2025	16:52	LB136011
	Sodium	868	+/-1000	U	2000	P	06/04/2025	16:52	LB136011
	Thallium	4.38	+/-20	U	40.0	P	06/04/2025	16:52	LB136011
	Vanadium	6.26	+/-20	U	40.0	P	06/04/2025	16:52	LB136011
	Zinc	16.7	+/-20	U	40.0	P	06/04/2025	16:52	LB136011
CCB02	Aluminum	11.3	+/-50	U	100	P	06/04/2025	17:39	LB136011
	Antimony	6.76	+/-25	U	50.0	P	06/04/2025	17:39	LB136011
	Arsenic	5.12	+/-10	U	20.0	P	06/04/2025	17:39	LB136011
	Barium	14.6	+/-50	U	100	P	06/04/2025	17:39	LB136011
	Beryllium	0.56	+/-3	U	6.00	P	06/04/2025	17:39	LB136011
	Cadmium	0.50	+/-3	U	6.00	P	06/04/2025	17:39	LB136011
	Calcium	234	+/-1000	U	2000	P	06/04/2025	17:39	LB136011
	Chromium	2.12	+/-5	U	10.0	P	06/04/2025	17:39	LB136011
	Cobalt	2.26	+/-15	U	30.0	P	06/04/2025	17:39	LB136011
	Copper	4.60	+/-10	U	20.0	P	06/04/2025	17:39	LB136011
	Iron	23.4	+/-50	U	100	P	06/04/2025	17:39	LB136011
	Lead	2.30	+/-6	U	12.0	P	06/04/2025	17:39	LB136011
	Magnesium	244	+/-1000	U	2000	P	06/04/2025	17:39	LB136011
	Manganese	5.94	+/-10	U	20.0	P	06/04/2025	17:39	LB136011
	Nickel	3.06	+/-20	U	40.0	P	06/04/2025	17:39	LB136011
	Potassium	918	+/-1000	U	2000	P	06/04/2025	17:39	LB136011
	Selenium	9.64	+/-10	U	20.0	P	06/04/2025	17:39	LB136011

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q2198

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2198 **SAS No.:** Q2198

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	06/04/2025	17:39	LB136011
	Sodium	868	+/-1000	U	2000	P	06/04/2025	17:39	LB136011
	Thallium	4.38	+/-20	U	40.0	P	06/04/2025	17:39	LB136011
	Vanadium	6.26	+/-20	U	40.0	P	06/04/2025	17:39	LB136011
	Zinc	16.7	+/-20	U	40.0	P	06/04/2025	17:39	LB136011
CCB03	Aluminum	11.3	+/-50	U	100	P	06/04/2025	18:42	LB136011
	Antimony	6.76	+/-25	U	50.0	P	06/04/2025	18:42	LB136011
	Arsenic	5.12	+/-10	U	20.0	P	06/04/2025	18:42	LB136011
	Barium	14.6	+/-50	U	100	P	06/04/2025	18:42	LB136011
	Beryllium	0.56	+/-3	U	6.00	P	06/04/2025	18:42	LB136011
	Cadmium	0.50	+/-3	U	6.00	P	06/04/2025	18:42	LB136011
	Calcium	234	+/-1000	U	2000	P	06/04/2025	18:42	LB136011
	Chromium	2.12	+/-5	U	10.0	P	06/04/2025	18:42	LB136011
	Cobalt	2.26	+/-15	U	30.0	P	06/04/2025	18:42	LB136011
	Copper	4.60	+/-10	U	20.0	P	06/04/2025	18:42	LB136011
	Iron	23.4	+/-50	U	100	P	06/04/2025	18:42	LB136011
	Lead	2.30	+/-6	U	12.0	P	06/04/2025	18:42	LB136011
	Magnesium	244	+/-1000	U	2000	P	06/04/2025	18:42	LB136011
	Manganese	5.94	+/-10	U	20.0	P	06/04/2025	18:42	LB136011
	Nickel	3.06	+/-20	U	40.0	P	06/04/2025	18:42	LB136011
	Potassium	918	+/-1000	U	2000	P	06/04/2025	18:42	LB136011
	Selenium	9.64	+/-10	U	20.0	P	06/04/2025	18:42	LB136011
	Silver	1.62	+/-5	U	10.0	P	06/04/2025	18:42	LB136011
	Sodium	868	+/-1000	U	2000	P	06/04/2025	18:42	LB136011
	Thallium	4.38	+/-20	U	40.0	P	06/04/2025	18:42	LB136011
	Vanadium	6.26	+/-20	U	40.0	P	06/04/2025	18:42	LB136011
	Zinc	16.7	+/-20	U	40.0	P	06/04/2025	18:42	LB136011
CCB04	Aluminum	11.3	+/-50	U	100	P	06/04/2025	19:30	LB136011
	Antimony	6.76	+/-25	U	50.0	P	06/04/2025	19:30	LB136011
	Arsenic	5.12	+/-10	U	20.0	P	06/04/2025	19:30	LB136011
	Barium	14.6	+/-50	U	100	P	06/04/2025	19:30	LB136011
	Beryllium	0.56	+/-3	U	6.00	P	06/04/2025	19:30	LB136011
	Cadmium	0.50	+/-3	U	6.00	P	06/04/2025	19:30	LB136011
	Calcium	234	+/-1000	U	2000	P	06/04/2025	19:30	LB136011
	Chromium	2.12	+/-5	U	10.0	P	06/04/2025	19:30	LB136011
	Cobalt	2.26	+/-15	U	30.0	P	06/04/2025	19:30	LB136011
	Copper	4.60	+/-10	U	20.0	P	06/04/2025	19:30	LB136011
	Iron	23.4	+/-50	U	100	P	06/04/2025	19:30	LB136011
	Lead	2.30	+/-6	U	12.0	P	06/04/2025	19:30	LB136011

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q2198

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2198 **SAS No.:** Q2198

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	06/04/2025	19:30	LB136011
	Manganese	5.94	+/-10	U	20.0	P	06/04/2025	19:30	LB136011
	Nickel	3.06	+/-20	U	40.0	P	06/04/2025	19:30	LB136011
	Potassium	918	+/-1000	U	2000	P	06/04/2025	19:30	LB136011
	Selenium	9.64	+/-10	U	20.0	P	06/04/2025	19:30	LB136011
	Silver	1.62	+/-5	U	10.0	P	06/04/2025	19:30	LB136011
	Sodium	868	+/-1000	U	2000	P	06/04/2025	19:30	LB136011
	Thallium	4.38	+/-20	U	40.0	P	06/04/2025	19:30	LB136011
	Vanadium	6.26	+/-20	U	40.0	P	06/04/2025	19:30	LB136011
	Zinc	16.7	+/-20	U	40.0	P	06/04/2025	19:30	LB136011
CCB05	Aluminum	11.3	+/-50	U	100	P	06/04/2025	20:16	LB136011
	Antimony	6.76	+/-25	U	50.0	P	06/04/2025	20:16	LB136011
	Arsenic	5.12	+/-10	U	20.0	P	06/04/2025	20:16	LB136011
	Barium	14.6	+/-50	U	100	P	06/04/2025	20:16	LB136011
	Beryllium	0.56	+/-3	U	6.00	P	06/04/2025	20:16	LB136011
	Cadmium	0.50	+/-3	U	6.00	P	06/04/2025	20:16	LB136011
	Calcium	234	+/-1000	U	2000	P	06/04/2025	20:16	LB136011
	Chromium	2.12	+/-5	U	10.0	P	06/04/2025	20:16	LB136011
	Cobalt	2.26	+/-15	U	30.0	P	06/04/2025	20:16	LB136011
	Copper	4.60	+/-10	U	20.0	P	06/04/2025	20:16	LB136011
	Iron	23.4	+/-50	U	100	P	06/04/2025	20:16	LB136011
	Lead	2.30	+/-6	U	12.0	P	06/04/2025	20:16	LB136011
	Magnesium	244	+/-1000	U	2000	P	06/04/2025	20:16	LB136011
	Manganese	5.94	+/-10	U	20.0	P	06/04/2025	20:16	LB136011
	Nickel	3.06	+/-20	U	40.0	P	06/04/2025	20:16	LB136011
	Potassium	918	+/-1000	U	2000	P	06/04/2025	20:16	LB136011
	Selenium	9.64	+/-10	U	20.0	P	06/04/2025	20:16	LB136011
	Silver	1.62	+/-5	U	10.0	P	06/04/2025	20:16	LB136011
	Sodium	868	+/-1000	U	2000	P	06/04/2025	20:16	LB136011
	Thallium	4.38	+/-20	U	40.0	P	06/04/2025	20:16	LB136011
	Vanadium	6.26	+/-20	U	40.0	P	06/04/2025	20:16	LB136011
	Zinc	16.7	+/-20	U	40.0	P	06/04/2025	20:16	LB136011
CCB06	Aluminum	11.3	+/-50	U	100	P	06/04/2025	21:02	LB136011
	Antimony	6.76	+/-25	U	50.0	P	06/04/2025	21:02	LB136011
	Arsenic	5.12	+/-10	U	20.0	P	06/04/2025	21:02	LB136011
	Barium	14.6	+/-50	U	100	P	06/04/2025	21:02	LB136011
	Beryllium	0.56	+/-3	U	6.00	P	06/04/2025	21:02	LB136011
	Cadmium	0.50	+/-3	U	6.00	P	06/04/2025	21:02	LB136011
	Calcium	234	+/-1000	U	2000	P	06/04/2025	21:02	LB136011

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q2198

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2198 **SAS No.:** Q2198

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	06/04/2025	21:02	LB136011
	Cobalt	2.26	+/-15	U	30.0	P	06/04/2025	21:02	LB136011
	Copper	4.60	+/-10	U	20.0	P	06/04/2025	21:02	LB136011
	Iron	23.4	+/-50	U	100	P	06/04/2025	21:02	LB136011
	Lead	2.30	+/-6	U	12.0	P	06/04/2025	21:02	LB136011
	Magnesium	244	+/-1000	U	2000	P	06/04/2025	21:02	LB136011
	Manganese	5.94	+/-10	U	20.0	P	06/04/2025	21:02	LB136011
	Nickel	3.06	+/-20	U	40.0	P	06/04/2025	21:02	LB136011
	Potassium	918	+/-1000	U	2000	P	06/04/2025	21:02	LB136011
	Selenium	9.64	+/-10	U	20.0	P	06/04/2025	21:02	LB136011
	Silver	1.62	+/-5	U	10.0	P	06/04/2025	21:02	LB136011
	Sodium	868	+/-1000	U	2000	P	06/04/2025	21:02	LB136011
	Thallium	4.38	+/-20	U	40.0	P	06/04/2025	21:02	LB136011
	Vanadium	6.26	+/-20	U	40.0	P	06/04/2025	21:02	LB136011
	Zinc	16.7	+/-20	U	40.0	P	06/04/2025	21:02	LB136011
CCB07	Aluminum	11.3	+/-50	U	100	P	06/04/2025	21:45	LB136011
	Antimony	6.76	+/-25	U	50.0	P	06/04/2025	21:45	LB136011
	Arsenic	5.12	+/-10	U	20.0	P	06/04/2025	21:45	LB136011
	Barium	14.6	+/-50	U	100	P	06/04/2025	21:45	LB136011
	Beryllium	0.56	+/-3	U	6.00	P	06/04/2025	21:45	LB136011
	Cadmium	0.50	+/-3	U	6.00	P	06/04/2025	21:45	LB136011
	Calcium	234	+/-1000	U	2000	P	06/04/2025	21:45	LB136011
	Chromium	2.12	+/-5	U	10.0	P	06/04/2025	21:45	LB136011
	Cobalt	2.26	+/-15	U	30.0	P	06/04/2025	21:45	LB136011
	Copper	4.60	+/-10	U	20.0	P	06/04/2025	21:45	LB136011
	Iron	23.4	+/-50	U	100	P	06/04/2025	21:45	LB136011
	Lead	2.30	+/-6	U	12.0	P	06/04/2025	21:45	LB136011
	Magnesium	244	+/-1000	U	2000	P	06/04/2025	21:45	LB136011
	Manganese	5.94	+/-10	U	20.0	P	06/04/2025	21:45	LB136011
	Nickel	3.06	+/-20	U	40.0	P	06/04/2025	21:45	LB136011
	Potassium	918	+/-1000	U	2000	P	06/04/2025	21:45	LB136011
	Selenium	9.64	+/-10	U	20.0	P	06/04/2025	21:45	LB136011
	Silver	1.62	+/-5	U	10.0	P	06/04/2025	21:45	LB136011
	Sodium	868	+/-1000	U	2000	P	06/04/2025	21:45	LB136011
	Thallium	4.38	+/-20	U	40.0	P	06/04/2025	21:45	LB136011
	Vanadium	6.26	+/-20	U	40.0	P	06/04/2025	21:45	LB136011
	Zinc	16.7	+/-20	U	40.0	P	06/04/2025	21:45	LB136011
CCB08	Aluminum	11.3	+/-50	U	100	P	06/04/2025	22:10	LB136011
	Antimony	6.76	+/-25	U	50.0	P	06/04/2025	22:10	LB136011

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q2198

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2198 **SAS No.:** Q2198

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	06/04/2025	22:10	LB136011
	Barium	14.6	+/-50	U	100	P	06/04/2025	22:10	LB136011
	Beryllium	0.56	+/-3	U	6.00	P	06/04/2025	22:10	LB136011
	Cadmium	0.50	+/-3	U	6.00	P	06/04/2025	22:10	LB136011
	Calcium	234	+/-1000	U	2000	P	06/04/2025	22:10	LB136011
	Chromium	2.12	+/-5	U	10.0	P	06/04/2025	22:10	LB136011
	Cobalt	2.26	+/-15	U	30.0	P	06/04/2025	22:10	LB136011
	Copper	4.60	+/-10	U	20.0	P	06/04/2025	22:10	LB136011
	Iron	23.4	+/-50	U	100	P	06/04/2025	22:10	LB136011
	Lead	2.30	+/-6	U	12.0	P	06/04/2025	22:10	LB136011
	Magnesium	244	+/-1000	U	2000	P	06/04/2025	22:10	LB136011
	Manganese	5.94	+/-10	U	20.0	P	06/04/2025	22:10	LB136011
	Nickel	3.06	+/-20	U	40.0	P	06/04/2025	22:10	LB136011
	Potassium	918	+/-1000	U	2000	P	06/04/2025	22:10	LB136011
	Selenium	9.64	+/-10	U	20.0	P	06/04/2025	22:10	LB136011
	Silver	1.62	+/-5	U	10.0	P	06/04/2025	22:10	LB136011
	Sodium	868	+/-1000	U	2000	P	06/04/2025	22:10	LB136011
	Thallium	4.38	+/-20	U	40.0	P	06/04/2025	22:10	LB136011
	Vanadium	6.26	+/-20	U	40.0	P	06/04/2025	22:10	LB136011
	Zinc	16.7	+/-20	U	40.0	P	06/04/2025	22:10	LB136011

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q2198

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2198 **SAS No.:** Q2198

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	06/05/2025	16:14	LB136035
	Antimony	6.76	+/-25	U	50.0	P	06/05/2025	16:14	LB136035
	Arsenic	5.12	+/-10	U	20.0	P	06/05/2025	16:14	LB136035
	Barium	14.6	+/-50	U	100	P	06/05/2025	16:14	LB136035
	Beryllium	0.56	+/-3	U	6.00	P	06/05/2025	16:14	LB136035
	Cadmium	0.50	+/-3	U	6.00	P	06/05/2025	16:14	LB136035
	Calcium	234	+/-1000	U	2000	P	06/05/2025	16:14	LB136035
	Chromium	2.12	+/-5	U	10.0	P	06/05/2025	16:14	LB136035
	Cobalt	2.26	+/-15	U	30.0	P	06/05/2025	16:14	LB136035
	Copper	4.60	+/-10	U	20.0	P	06/05/2025	16:14	LB136035
	Iron	23.4	+/-50	U	100	P	06/05/2025	16:14	LB136035
	Lead	2.30	+/-6	U	12.0	P	06/05/2025	16:14	LB136035
	Magnesium	244	+/-1000	U	2000	P	06/05/2025	16:14	LB136035
	Manganese	5.94	+/-10	U	20.0	P	06/05/2025	16:14	LB136035
	Nickel	3.06	+/-20	U	40.0	P	06/05/2025	16:14	LB136035
	Potassium	918	+/-1000	U	2000	P	06/05/2025	16:14	LB136035
	Selenium	9.64	+/-10	U	20.0	P	06/05/2025	16:14	LB136035
	Silver	1.62	+/-5	U	10.0	P	06/05/2025	16:14	LB136035
	Sodium	868	+/-1000	U	2000	P	06/05/2025	16:14	LB136035
	Thallium	4.38	+/-20	U	40.0	P	06/05/2025	16:14	LB136035
	Vanadium	6.26	+/-20	U	40.0	P	06/05/2025	16:14	LB136035
	Zinc	16.7	+/-20	U	40.0	P	06/05/2025	16:14	LB136035

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q2198

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2198 **SAS No.:** Q2198

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	06/05/2025	16:54	LB136035
	Antimony	6.76	+/-25	U	50.0	P	06/05/2025	16:54	LB136035
	Arsenic	5.12	+/-10	U	20.0	P	06/05/2025	16:54	LB136035
	Barium	14.6	+/-50	U	100	P	06/05/2025	16:54	LB136035
	Beryllium	0.56	+/-3	U	6.00	P	06/05/2025	16:54	LB136035
	Cadmium	0.50	+/-3	U	6.00	P	06/05/2025	16:54	LB136035
	Calcium	234	+/-1000	U	2000	P	06/05/2025	16:54	LB136035
	Chromium	2.12	+/-5	U	10.0	P	06/05/2025	16:54	LB136035
	Cobalt	2.26	+/-15	U	30.0	P	06/05/2025	16:54	LB136035
	Copper	4.60	+/-10	U	20.0	P	06/05/2025	16:54	LB136035
	Iron	23.4	+/-50	U	100	P	06/05/2025	16:54	LB136035
	Lead	2.30	+/-6	U	12.0	P	06/05/2025	16:54	LB136035
	Magnesium	244	+/-1000	U	2000	P	06/05/2025	16:54	LB136035
	Manganese	5.94	+/-10	U	20.0	P	06/05/2025	16:54	LB136035
	Nickel	3.06	+/-20	U	40.0	P	06/05/2025	16:54	LB136035
	Potassium	918	+/-1000	U	2000	P	06/05/2025	16:54	LB136035
	Selenium	9.64	+/-10	U	20.0	P	06/05/2025	16:54	LB136035
	Silver	1.62	+/-5	U	10.0	P	06/05/2025	16:54	LB136035
	Sodium	868	+/-1000	U	2000	P	06/05/2025	16:54	LB136035
	Thallium	4.38	+/-20	U	40.0	P	06/05/2025	16:54	LB136035
	Vanadium	6.26	+/-20	U	40.0	P	06/05/2025	16:54	LB136035
	Zinc	16.7	+/-20	U	40.0	P	06/05/2025	16:54	LB136035
CCB02	Aluminum	11.3	+/-50	U	100	P	06/05/2025	17:50	LB136035
	Antimony	6.76	+/-25	U	50.0	P	06/05/2025	17:50	LB136035
	Arsenic	5.12	+/-10	U	20.0	P	06/05/2025	17:50	LB136035
	Barium	14.6	+/-50	U	100	P	06/05/2025	17:50	LB136035
	Beryllium	0.56	+/-3	U	6.00	P	06/05/2025	17:50	LB136035
	Cadmium	0.50	+/-3	U	6.00	P	06/05/2025	17:50	LB136035
	Calcium	234	+/-1000	U	2000	P	06/05/2025	17:50	LB136035
	Chromium	2.12	+/-5	U	10.0	P	06/05/2025	17:50	LB136035
	Cobalt	2.26	+/-15	U	30.0	P	06/05/2025	17:50	LB136035
	Copper	4.60	+/-10	U	20.0	P	06/05/2025	17:50	LB136035
	Iron	23.4	+/-50	U	100	P	06/05/2025	17:50	LB136035
	Lead	2.30	+/-6	U	12.0	P	06/05/2025	17:50	LB136035
	Magnesium	244	+/-1000	U	2000	P	06/05/2025	17:50	LB136035
	Manganese	5.94	+/-10	U	20.0	P	06/05/2025	17:50	LB136035
	Nickel	3.06	+/-20	U	40.0	P	06/05/2025	17:50	LB136035
	Potassium	918	+/-1000	U	2000	P	06/05/2025	17:50	LB136035
	Selenium	9.64	+/-10	U	20.0	P	06/05/2025	17:50	LB136035

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q2198

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2198 **SAS No.:** Q2198

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	06/05/2025	17:50	LB136035
	Sodium	868	+/-1000	U	2000	P	06/05/2025	17:50	LB136035
	Thallium	4.38	+/-20	U	40.0	P	06/05/2025	17:50	LB136035
	Vanadium	6.26	+/-20	U	40.0	P	06/05/2025	17:50	LB136035
	Zinc	16.7	+/-20	U	40.0	P	06/05/2025	17:50	LB136035
CCB03	Aluminum	11.3	+/-50	U	100	P	06/05/2025	19:47	LB136035
	Antimony	6.76	+/-25	U	50.0	P	06/05/2025	19:47	LB136035
	Arsenic	5.12	+/-10	U	20.0	P	06/05/2025	19:47	LB136035
	Barium	14.6	+/-50	U	100	P	06/05/2025	19:47	LB136035
	Beryllium	0.56	+/-3	U	6.00	P	06/05/2025	19:47	LB136035
	Cadmium	0.50	+/-3	U	6.00	P	06/05/2025	19:47	LB136035
	Calcium	234	+/-1000	U	2000	P	06/05/2025	19:47	LB136035
	Chromium	2.12	+/-5	U	10.0	P	06/05/2025	19:47	LB136035
	Cobalt	2.26	+/-15	U	30.0	P	06/05/2025	19:47	LB136035
	Copper	4.60	+/-10	U	20.0	P	06/05/2025	19:47	LB136035
	Iron	23.4	+/-50	U	100	P	06/05/2025	19:47	LB136035
	Lead	2.30	+/-6	U	12.0	P	06/05/2025	19:47	LB136035
	Magnesium	244	+/-1000	U	2000	P	06/05/2025	19:47	LB136035
	Manganese	5.94	+/-10	U	20.0	P	06/05/2025	19:47	LB136035
	Nickel	3.06	+/-20	U	40.0	P	06/05/2025	19:47	LB136035
	Potassium	918	+/-1000	U	2000	P	06/05/2025	19:47	LB136035
	Selenium	9.64	+/-10	U	20.0	P	06/05/2025	19:47	LB136035
	Silver	1.62	+/-5	U	10.0	P	06/05/2025	19:47	LB136035
	Sodium	868	+/-1000	U	2000	P	06/05/2025	19:47	LB136035
	Thallium	4.38	+/-20	U	40.0	P	06/05/2025	19:47	LB136035
	Vanadium	6.26	+/-20	U	40.0	P	06/05/2025	19:47	LB136035
	Zinc	16.7	+/-20	U	40.0	P	06/05/2025	19:47	LB136035
CCB04	Aluminum	11.3	+/-50	U	100	P	06/05/2025	20:32	LB136035
	Antimony	6.76	+/-25	U	50.0	P	06/05/2025	20:32	LB136035
	Arsenic	5.12	+/-10	U	20.0	P	06/05/2025	20:32	LB136035
	Barium	14.6	+/-50	U	100	P	06/05/2025	20:32	LB136035
	Beryllium	0.56	+/-3	U	6.00	P	06/05/2025	20:32	LB136035
	Cadmium	0.50	+/-3	U	6.00	P	06/05/2025	20:32	LB136035
	Calcium	234	+/-1000	U	2000	P	06/05/2025	20:32	LB136035
	Chromium	2.12	+/-5	U	10.0	P	06/05/2025	20:32	LB136035
	Cobalt	2.26	+/-15	U	30.0	P	06/05/2025	20:32	LB136035
	Copper	4.60	+/-10	U	20.0	P	06/05/2025	20:32	LB136035
	Iron	23.4	+/-50	U	100	P	06/05/2025	20:32	LB136035
	Lead	2.30	+/-6	U	12.0	P	06/05/2025	20:32	LB136035

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q2198

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2198 **SAS No.:** Q2198

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	06/05/2025	20:32	LB136035
	Manganese	5.94	+/-10	U	20.0	P	06/05/2025	20:32	LB136035
	Nickel	3.06	+/-20	U	40.0	P	06/05/2025	20:32	LB136035
	Potassium	918	+/-1000	U	2000	P	06/05/2025	20:32	LB136035
	Selenium	9.64	+/-10	U	20.0	P	06/05/2025	20:32	LB136035
	Silver	1.62	+/-5	U	10.0	P	06/05/2025	20:32	LB136035
	Sodium	868	+/-1000	U	2000	P	06/05/2025	20:32	LB136035
	Thallium	4.38	+/-20	U	40.0	P	06/05/2025	20:32	LB136035
	Vanadium	6.26	+/-20	U	40.0	P	06/05/2025	20:32	LB136035
	Zinc	16.7	+/-20	U	40.0	P	06/05/2025	20:32	LB136035
CCB05	Aluminum	11.3	+/-50	U	100	P	06/05/2025	23:56	LB136035
	Antimony	6.76	+/-25	U	50.0	P	06/05/2025	23:56	LB136035
	Arsenic	5.12	+/-10	U	20.0	P	06/05/2025	23:56	LB136035
	Barium	14.6	+/-50	U	100	P	06/05/2025	23:56	LB136035
	Beryllium	0.56	+/-3	U	6.00	P	06/05/2025	23:56	LB136035
	Cadmium	0.50	+/-3	U	6.00	P	06/05/2025	23:56	LB136035
	Calcium	234	+/-1000	U	2000	P	06/05/2025	23:56	LB136035
	Chromium	2.12	+/-5	U	10.0	P	06/05/2025	23:56	LB136035
	Cobalt	2.26	+/-15	U	30.0	P	06/05/2025	23:56	LB136035
	Copper	4.60	+/-10	U	20.0	P	06/05/2025	23:56	LB136035
	Iron	23.4	+/-50	U	100	P	06/05/2025	23:56	LB136035
	Lead	2.30	+/-6	U	12.0	P	06/05/2025	23:56	LB136035
	Magnesium	244	+/-1000	U	2000	P	06/05/2025	23:56	LB136035
	Manganese	5.94	+/-10	U	20.0	P	06/05/2025	23:56	LB136035
	Nickel	3.06	+/-20	U	40.0	P	06/05/2025	23:56	LB136035
	Potassium	918	+/-1000	U	2000	P	06/05/2025	23:56	LB136035
	Selenium	9.64	+/-10	U	20.0	P	06/05/2025	23:56	LB136035
	Silver	1.62	+/-5	U	10.0	P	06/05/2025	23:56	LB136035
	Sodium	868	+/-1000	U	2000	P	06/05/2025	23:56	LB136035
	Thallium	4.38	+/-20	U	40.0	P	06/05/2025	23:56	LB136035
	Vanadium	6.26	+/-20	U	40.0	P	06/05/2025	23:56	LB136035
	Zinc	16.7	+/-20	U	40.0	P	06/05/2025	23:56	LB136035

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q2198

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2198 **SAS No.:** Q2198

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	06/06/2025	13:33	LB136052
	Antimony	6.76	+/-25	U	50.0	P	06/06/2025	13:33	LB136052
	Arsenic	5.12	+/-10	U	20.0	P	06/06/2025	13:33	LB136052
	Barium	14.6	+/-50	U	100	P	06/06/2025	13:33	LB136052
	Beryllium	0.56	+/-3	U	6.00	P	06/06/2025	13:33	LB136052
	Cadmium	0.50	+/-3	U	6.00	P	06/06/2025	13:33	LB136052
	Calcium	234	+/-1000	U	2000	P	06/06/2025	13:33	LB136052
	Chromium	2.12	+/-5	U	10.0	P	06/06/2025	13:33	LB136052
	Cobalt	2.26	+/-15	U	30.0	P	06/06/2025	13:33	LB136052
	Copper	4.60	+/-10	U	20.0	P	06/06/2025	13:33	LB136052
	Iron	23.4	+/-50	U	100	P	06/06/2025	13:33	LB136052
	Lead	2.30	+/-6	U	12.0	P	06/06/2025	13:33	LB136052
	Magnesium	244	+/-1000	U	2000	P	06/06/2025	13:33	LB136052
	Manganese	5.94	+/-10	U	20.0	P	06/06/2025	13:33	LB136052
	Nickel	3.06	+/-20	U	40.0	P	06/06/2025	13:33	LB136052
	Potassium	918	+/-1000	U	2000	P	06/06/2025	13:33	LB136052
	Selenium	9.64	+/-10	U	20.0	P	06/06/2025	13:33	LB136052
	Silver	1.62	+/-5	U	10.0	P	06/06/2025	13:33	LB136052
	Sodium	868	+/-1000	U	2000	P	06/06/2025	13:33	LB136052
	Thallium	4.38	+/-20	U	40.0	P	06/06/2025	13:33	LB136052
	Vanadium	6.26	+/-20	U	40.0	P	06/06/2025	13:33	LB136052
	Zinc	16.7	+/-20	U	40.0	P	06/06/2025	13:33	LB136052

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q2198

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2198 **SAS No.:** Q2198

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	06/06/2025	14:09	LB136052
	Antimony	6.76	+/-25	U	50.0	P	06/06/2025	14:09	LB136052
	Arsenic	5.12	+/-10	U	20.0	P	06/06/2025	14:09	LB136052
	Barium	14.6	+/-50	U	100	P	06/06/2025	14:09	LB136052
	Beryllium	0.56	+/-3	U	6.00	P	06/06/2025	14:09	LB136052
	Cadmium	0.50	+/-3	U	6.00	P	06/06/2025	14:09	LB136052
	Calcium	234	+/-1000	U	2000	P	06/06/2025	14:09	LB136052
	Chromium	2.12	+/-5	U	10.0	P	06/06/2025	14:09	LB136052
	Cobalt	2.26	+/-15	U	30.0	P	06/06/2025	14:09	LB136052
	Copper	4.60	+/-10	U	20.0	P	06/06/2025	14:09	LB136052
	Iron	23.4	+/-50	U	100	P	06/06/2025	14:09	LB136052
	Lead	2.30	+/-6	U	12.0	P	06/06/2025	14:09	LB136052
	Magnesium	244	+/-1000	U	2000	P	06/06/2025	14:09	LB136052
	Manganese	5.94	+/-10	U	20.0	P	06/06/2025	14:09	LB136052
	Nickel	3.06	+/-20	U	40.0	P	06/06/2025	14:09	LB136052
	Potassium	918	+/-1000	U	2000	P	06/06/2025	14:09	LB136052
	Selenium	9.64	+/-10	U	20.0	P	06/06/2025	14:09	LB136052
	Silver	1.62	+/-5	U	10.0	P	06/06/2025	14:09	LB136052
	Sodium	868	+/-1000	U	2000	P	06/06/2025	14:09	LB136052
	Thallium	4.38	+/-20	U	40.0	P	06/06/2025	14:09	LB136052
	Vanadium	6.26	+/-20	U	40.0	P	06/06/2025	14:09	LB136052
	Zinc	16.7	+/-20	U	40.0	P	06/06/2025	14:09	LB136052
CCB02	Aluminum	11.3	+/-50	U	100	P	06/06/2025	15:00	LB136052
	Antimony	6.76	+/-25	U	50.0	P	06/06/2025	15:00	LB136052
	Arsenic	5.12	+/-10	U	20.0	P	06/06/2025	15:00	LB136052
	Barium	14.6	+/-50	U	100	P	06/06/2025	15:00	LB136052
	Beryllium	0.56	+/-3	U	6.00	P	06/06/2025	15:00	LB136052
	Cadmium	0.50	+/-3	U	6.00	P	06/06/2025	15:00	LB136052
	Calcium	234	+/-1000	U	2000	P	06/06/2025	15:00	LB136052
	Chromium	2.12	+/-5	U	10.0	P	06/06/2025	15:00	LB136052
	Cobalt	2.26	+/-15	U	30.0	P	06/06/2025	15:00	LB136052
	Copper	4.60	+/-10	U	20.0	P	06/06/2025	15:00	LB136052
	Iron	23.4	+/-50	U	100	P	06/06/2025	15:00	LB136052
	Lead	2.30	+/-6	U	12.0	P	06/06/2025	15:00	LB136052
	Magnesium	244	+/-1000	U	2000	P	06/06/2025	15:00	LB136052
	Manganese	5.94	+/-10	U	20.0	P	06/06/2025	15:00	LB136052
	Nickel	3.06	+/-20	U	40.0	P	06/06/2025	15:00	LB136052
	Potassium	918	+/-1000	U	2000	P	06/06/2025	15:00	LB136052
	Selenium	9.64	+/-10	U	20.0	P	06/06/2025	15:00	LB136052

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q2198

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2198 **SAS No.:** Q2198

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	06/06/2025	15:00	LB136052
	Sodium	868	+/-1000	U	2000	P	06/06/2025	15:00	LB136052
	Thallium	4.38	+/-20	U	40.0	P	06/06/2025	15:00	LB136052
	Vanadium	6.26	+/-20	U	40.0	P	06/06/2025	15:00	LB136052
	Zinc	16.7	+/-20	U	40.0	P	06/06/2025	15:00	LB136052
CCB03	Aluminum	11.3	+/-50	U	100	P	06/06/2025	15:57	LB136052
	Antimony	6.76	+/-25	U	50.0	P	06/06/2025	15:57	LB136052
	Arsenic	5.12	+/-10	U	20.0	P	06/06/2025	15:57	LB136052
	Barium	14.6	+/-50	U	100	P	06/06/2025	15:57	LB136052
	Beryllium	0.56	+/-3	U	6.00	P	06/06/2025	15:57	LB136052
	Cadmium	0.50	+/-3	U	6.00	P	06/06/2025	15:57	LB136052
	Calcium	234	+/-1000	U	2000	P	06/06/2025	15:57	LB136052
	Chromium	2.12	+/-5	U	10.0	P	06/06/2025	15:57	LB136052
	Cobalt	2.26	+/-15	U	30.0	P	06/06/2025	15:57	LB136052
	Copper	4.60	+/-10	U	20.0	P	06/06/2025	15:57	LB136052
	Iron	23.4	+/-50	U	100	P	06/06/2025	15:57	LB136052
	Lead	2.30	+/-6	U	12.0	P	06/06/2025	15:57	LB136052
	Magnesium	244	+/-1000	U	2000	P	06/06/2025	15:57	LB136052
	Manganese	5.94	+/-10	U	20.0	P	06/06/2025	15:57	LB136052
	Nickel	3.06	+/-20	U	40.0	P	06/06/2025	15:57	LB136052
	Potassium	918	+/-1000	U	2000	P	06/06/2025	15:57	LB136052
	Selenium	9.64	+/-10	U	20.0	P	06/06/2025	15:57	LB136052
	Silver	1.62	+/-5	U	10.0	P	06/06/2025	15:57	LB136052
	Sodium	868	+/-1000	U	2000	P	06/06/2025	15:57	LB136052
	Thallium	4.38	+/-20	U	40.0	P	06/06/2025	15:57	LB136052
	Vanadium	6.26	+/-20	U	40.0	P	06/06/2025	15:57	LB136052
	Zinc	16.7	+/-20	U	40.0	P	06/06/2025	15:57	LB136052
CCB04	Aluminum	11.3	+/-50	U	100	P	06/06/2025	16:51	LB136052
	Antimony	6.76	+/-25	U	50.0	P	06/06/2025	16:51	LB136052
	Arsenic	5.12	+/-10	U	20.0	P	06/06/2025	16:51	LB136052
	Barium	14.6	+/-50	U	100	P	06/06/2025	16:51	LB136052
	Beryllium	0.56	+/-3	U	6.00	P	06/06/2025	16:51	LB136052
	Cadmium	0.50	+/-3	U	6.00	P	06/06/2025	16:51	LB136052
	Calcium	234	+/-1000	U	2000	P	06/06/2025	16:51	LB136052
	Chromium	2.12	+/-5	U	10.0	P	06/06/2025	16:51	LB136052
	Cobalt	2.26	+/-15	U	30.0	P	06/06/2025	16:51	LB136052
	Copper	4.60	+/-10	U	20.0	P	06/06/2025	16:51	LB136052
	Iron	23.4	+/-50	U	100	P	06/06/2025	16:51	LB136052
	Lead	2.30	+/-6	U	12.0	P	06/06/2025	16:51	LB136052

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q2198

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2198 **SAS No.:** Q2198

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	06/06/2025	16:51	LB136052
	Manganese	5.94	+/-10	U	20.0	P	06/06/2025	16:51	LB136052
	Nickel	3.06	+/-20	U	40.0	P	06/06/2025	16:51	LB136052
	Potassium	918	+/-1000	U	2000	P	06/06/2025	16:51	LB136052
	Selenium	9.64	+/-10	U	20.0	P	06/06/2025	16:51	LB136052
	Silver	1.62	+/-5	U	10.0	P	06/06/2025	16:51	LB136052
	Sodium	868	+/-1000	U	2000	P	06/06/2025	16:51	LB136052
	Thallium	4.38	+/-20	U	40.0	P	06/06/2025	16:51	LB136052
	Vanadium	6.26	+/-20	U	40.0	P	06/06/2025	16:51	LB136052
	Zinc	16.7	+/-20	U	40.0	P	06/06/2025	16:51	LB136052
CCB05	Aluminum	11.3	+/-50	U	100	P	06/06/2025	17:46	LB136052
	Antimony	6.76	+/-25	U	50.0	P	06/06/2025	17:46	LB136052
	Arsenic	5.12	+/-10	U	20.0	P	06/06/2025	17:46	LB136052
	Barium	14.6	+/-50	U	100	P	06/06/2025	17:46	LB136052
	Beryllium	0.56	+/-3	U	6.00	P	06/06/2025	17:46	LB136052
	Cadmium	0.50	+/-3	U	6.00	P	06/06/2025	17:46	LB136052
	Calcium	234	+/-1000	U	2000	P	06/06/2025	17:46	LB136052
	Chromium	2.12	+/-5	U	10.0	P	06/06/2025	17:46	LB136052
	Cobalt	2.26	+/-15	U	30.0	P	06/06/2025	17:46	LB136052
	Copper	4.60	+/-10	U	20.0	P	06/06/2025	17:46	LB136052
	Iron	23.4	+/-50	U	100	P	06/06/2025	17:46	LB136052
	Lead	2.30	+/-6	U	12.0	P	06/06/2025	17:46	LB136052
	Magnesium	244	+/-1000	U	2000	P	06/06/2025	17:46	LB136052
	Manganese	5.94	+/-10	U	20.0	P	06/06/2025	17:46	LB136052
	Nickel	3.06	+/-20	U	40.0	P	06/06/2025	17:46	LB136052
	Potassium	918	+/-1000	U	2000	P	06/06/2025	17:46	LB136052
	Selenium	9.64	+/-10	U	20.0	P	06/06/2025	17:46	LB136052
	Silver	1.62	+/-5	U	10.0	P	06/06/2025	17:46	LB136052
	Sodium	868	+/-1000	U	2000	P	06/06/2025	17:46	LB136052
	Thallium	4.38	+/-20	U	40.0	P	06/06/2025	17:46	LB136052
	Vanadium	6.26	+/-20	U	40.0	P	06/06/2025	17:46	LB136052
	Zinc	16.7	+/-20	U	40.0	P	06/06/2025	17:46	LB136052
CCB06	Aluminum	11.3	+/-50	U	100	P	06/07/2025	03:07	LB136052
	Antimony	6.76	+/-25	U	50.0	P	06/07/2025	03:07	LB136052
	Arsenic	5.12	+/-10	U	20.0	P	06/07/2025	03:07	LB136052
	Barium	14.6	+/-50	U	100	P	06/07/2025	03:07	LB136052
	Beryllium	0.56	+/-3	U	6.00	P	06/07/2025	03:07	LB136052
	Cadmium	0.50	+/-3	U	6.00	P	06/07/2025	03:07	LB136052
	Calcium	234	+/-1000	U	2000	P	06/07/2025	03:07	LB136052

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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q2198

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2198 **SAS No.:** Q2198

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	06/07/2025	03:07	LB136052
	Cobalt	2.26	+/-15	U	30.0	P	06/07/2025	03:07	LB136052
	Copper	4.60	+/-10	U	20.0	P	06/07/2025	03:07	LB136052
	Iron	23.4	+/-50	U	100	P	06/07/2025	03:07	LB136052
	Lead	2.30	+/-6	U	12.0	P	06/07/2025	03:07	LB136052
	Magnesium	244	+/-1000	U	2000	P	06/07/2025	03:07	LB136052
	Manganese	5.94	+/-10	U	20.0	P	06/07/2025	03:07	LB136052
	Nickel	3.06	+/-20	U	40.0	P	06/07/2025	03:07	LB136052
	Potassium	918	+/-1000	U	2000	P	06/07/2025	03:07	LB136052
	Selenium	9.64	+/-10	U	20.0	P	06/07/2025	03:07	LB136052
	Silver	1.62	+/-5	U	10.0	P	06/07/2025	03:07	LB136052
	Sodium	868	+/-1000	U	2000	P	06/07/2025	03:07	LB136052
	Thallium	5.29	+/-20	J	40.0	P	06/07/2025	03:07	LB136052
	Vanadium	6.26	+/-20	U	40.0	P	06/07/2025	03:07	LB136052
	Zinc	16.7	+/-20	U	40.0	P	06/07/2025	03:07	LB136052
CCB07	Aluminum	13.6	+/-50	J	100	P	06/07/2025	03:44	LB136052
	Antimony	6.76	+/-25	U	50.0	P	06/07/2025	03:44	LB136052
	Arsenic	5.12	+/-10	U	20.0	P	06/07/2025	03:44	LB136052
	Barium	14.6	+/-50	U	100	P	06/07/2025	03:44	LB136052
	Beryllium	0.56	+/-3	U	6.00	P	06/07/2025	03:44	LB136052
	Cadmium	0.50	+/-3	U	6.00	P	06/07/2025	03:44	LB136052
	Calcium	234	+/-1000	U	2000	P	06/07/2025	03:44	LB136052
	Chromium	2.12	+/-5	U	10.0	P	06/07/2025	03:44	LB136052
	Cobalt	2.26	+/-15	U	30.0	P	06/07/2025	03:44	LB136052
	Copper	4.60	+/-10	U	20.0	P	06/07/2025	03:44	LB136052
	Iron	23.4	+/-50	U	100	P	06/07/2025	03:44	LB136052
	Lead	2.30	+/-6	U	12.0	P	06/07/2025	03:44	LB136052
	Magnesium	244	+/-1000	U	2000	P	06/07/2025	03:44	LB136052
	Manganese	5.94	+/-10	U	20.0	P	06/07/2025	03:44	LB136052
	Nickel	3.06	+/-20	U	40.0	P	06/07/2025	03:44	LB136052
	Potassium	918	+/-1000	U	2000	P	06/07/2025	03:44	LB136052
	Selenium	9.64	+/-10	U	20.0	P	06/07/2025	03:44	LB136052
	Silver	1.62	+/-5	U	10.0	P	06/07/2025	03:44	LB136052
	Sodium	868	+/-1000	U	2000	P	06/07/2025	03:44	LB136052
	Thallium	6.19	+/-20	J	40.0	P	06/07/2025	03:44	LB136052
	Vanadium	6.26	+/-20	U	40.0	P	06/07/2025	03:44	LB136052
	Zinc	16.7	+/-20	U	40.0	P	06/07/2025	03:44	LB136052

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Metals
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PREPARATION BLANK SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q2198

Instrument: CV1

Sample ID	Analyte	Result (mg/Kg)	Acceptance Limit	Conc Qual	CRQL mg/Kg	M	Analysis Date	Analysis Time	Run
PB168290BL		**SOLID**		**Batch Number:**	**PB168290**		**Prep Date:**	**06/04/2025**	
	Mercury	0.0070	<0.013	U	0.013	CV	06/04/2025	15:33	LB136001

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB168317BL		**WATER**		**Batch Number:**	**PB168317**		**Prep Date:**	**06/05/2025**	
	Mercury	0.076	<0.2	U	0.20	CV	06/06/2025	11:16	LB136036

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Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q2198

Instrument: P4

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB168276BL		**WATER**		**Batch Number:**	**PB168276**		**Prep Date:**	**06/04/2025**	
	Aluminum	5.67	<25	U	50.0	P	06/04/2025	20:46	LB136011
	Antimony	3.38	<12.5	U	25.0	P	06/04/2025	20:46	LB136011
	Arsenic	2.56	<5	U	10.0	P	06/04/2025	20:46	LB136011
	Barium	7.28	<25	U	50.0	P	06/04/2025	20:46	LB136011
	Beryllium	0.28	<1.5	U	3.00	P	06/04/2025	20:46	LB136011
	Cadmium	0.25	<1.5	U	3.00	P	06/04/2025	20:46	LB136011
	Calcium	117	<500	U	1000	P	06/04/2025	20:46	LB136011
	Chromium	1.06	<2.5	U	5.00	P	06/04/2025	20:46	LB136011
	Cobalt	1.13	<7.5	U	15.0	P	06/04/2025	20:46	LB136011
	Copper	2.30	<5	U	10.0	P	06/04/2025	20:46	LB136011
	Iron	11.7	<25	U	50.0	P	06/04/2025	20:46	LB136011
	Lead	1.15	<3	U	6.00	P	06/04/2025	20:46	LB136011
	Magnesium	122	<500	U	1000	P	06/04/2025	20:46	LB136011
	Manganese	2.97	<5	U	10.0	P	06/04/2025	20:46	LB136011
	Nickel	1.53	<10	U	20.0	P	06/04/2025	20:46	LB136011
	Potassium	459	<500	U	1000	P	06/04/2025	20:46	LB136011
	Selenium	4.82	<5	U	10.0	P	06/04/2025	20:46	LB136011
	Silver	0.81	<2.5	U	5.00	P	06/04/2025	20:46	LB136011
	Sodium	434	<500	U	1000	P	06/04/2025	20:46	LB136011
	Thallium	2.19	<10	U	20.0	P	06/04/2025	20:46	LB136011
	Vanadium	3.13	<10	U	20.0	P	06/04/2025	20:46	LB136011
	Zinc	8.33	<10	U	20.0	P	06/04/2025	20:46	LB136011

Sample ID	Analyte	Result (mg/Kg)	Acceptance Limit	Conc Qual	CRQL mg/Kg	M	Analysis Date	Analysis Time	Run
PB168279BL		**SOLID**		**Batch Number:**	**PB168279**		**Prep Date:**	**06/04/2025**	
	Aluminum	0.84	<2.5	U	5.00	P	06/06/2025	14:13	LB136052
	Antimony	0.22	<1.25	U	2.50	P	06/06/2025	14:13	LB136052
	Arsenic	0.19	<0.5	U	1.00	P	06/06/2025	14:13	LB136052
	Barium	0.73	<2.5	U	5.00	P	06/06/2025	14:13	LB136052
	Beryllium	0.025	<0.15	U	0.30	P	06/06/2025	14:13	LB136052
	Cadmium	0.024	<0.15	U	0.30	P	06/06/2025	14:13	LB136052
	Calcium	11.1	<50	U	100	P	06/06/2025	14:13	LB136052
	Chromium	0.047	<0.25	U	0.50	P	06/06/2025	14:13	LB136052
	Cobalt	0.10	<0.75	U	1.50	P	06/06/2025	14:13	LB136052
	Copper	0.22	<0.5	U	1.00	P	06/06/2025	14:13	LB136052
	Iron	3.99	<2.5	U	5.00	P	06/06/2025	14:13	LB136052
	Lead	0.13	<0.3	U	0.60	P	06/06/2025	14:13	LB136052
	Magnesium	12.0	<50	U	100	P	06/06/2025	14:13	LB136052
	Manganese	0.14	<0.5	U	1.00	P	06/06/2025	14:13	LB136052
	Nickel	0.13	<1	U	2.00	P	06/06/2025	14:13	LB136052

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Metals
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PREPARATION BLANK SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q2198

Instrument: P4

Potassium	27.7	<50	U	100	P	06/06/2025	14:13	LB136052
Selenium	0.26	<0.5	U	1.00	P	06/06/2025	14:13	LB136052
Silver	0.12	<0.25	U	0.50	P	06/06/2025	14:13	LB136052
Sodium	17.8	<50	U	100	P	06/06/2025	14:13	LB136052
Thallium	0.23	<1	U	2.00	P	06/06/2025	14:13	LB136052
Vanadium	0.25	<1	U	2.00	P	06/06/2025	14:13	LB136052
Zinc	0.23	<1	U	2.00	P	06/06/2025	14:13	LB136052

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Metals
- 4 -
INTERFERENCE CHECK SAMPLE

Client: Portal Partners Tri-Venture **SDG No.:** Q2198

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2198 **SAS No.:** Q2198

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	241000	255000	94	216000	294000	06/04/2025	16:26	LB136011
	Antimony	-1.17			-50	50	06/04/2025	16:26	LB136011
	Arsenic	1.52			-20	20	06/04/2025	16:26	LB136011
	Barium	0.52	6.0	9	-94	106	06/04/2025	16:26	LB136011
	Beryllium	1.08			-6	6	06/04/2025	16:26	LB136011
	Cadmium	0.92	1.0	92	-5	7	06/04/2025	16:26	LB136011
	Calcium	226000	245000	92	208000	282000	06/04/2025	16:26	LB136011
	Chromium	46.0	52.0	88	42	62	06/04/2025	16:26	LB136011
	Cobalt	0.87			-30	30	06/04/2025	16:26	LB136011
	Copper	2.26	2.0	113	-18	22	06/04/2025	16:26	LB136011
	Iron	103000	101000	102	85600	116500	06/04/2025	16:26	LB136011
	Lead	-0.74			-12	12	06/04/2025	16:26	LB136011
	Magnesium	241000	255000	94	216000	294000	06/04/2025	16:26	LB136011
	Manganese	4.29	7.0	61	-13	27	06/04/2025	16:26	LB136011
	Nickel	2.59	2.0	130	-38	42	06/04/2025	16:26	LB136011
	Potassium	26.5			0	0	06/04/2025	16:26	LB136011
	Selenium	1.80			-20	20	06/04/2025	16:26	LB136011
	Silver	4.01			-10	10	06/04/2025	16:26	LB136011
	Sodium	-67.4			0	0	06/04/2025	16:26	LB136011
	Thallium	-0.73			-40	40	06/04/2025	16:26	LB136011
	Vanadium	4.43			-40	40	06/04/2025	16:26	LB136011
	Zinc	3.39			-40	40	06/04/2025	16:26	LB136011
ICSAB01	Aluminum	247000	247000	100	209000	285000	06/04/2025	16:32	LB136011
	Antimony	645	618	104	525	711	06/04/2025	16:32	LB136011
	Arsenic	106	104	102	88.4	120	06/04/2025	16:32	LB136011
	Barium	469	537	87	437	637	06/04/2025	16:32	LB136011
	Beryllium	484	495	98	420	570	06/04/2025	16:32	LB136011
	Cadmium	1000	972	103	826	1120	06/04/2025	16:32	LB136011
	Calcium	228000	235000	97	199000	271000	06/04/2025	16:32	LB136011
	Chromium	556	542	103	460	624	06/04/2025	16:32	LB136011
	Cobalt	510	476	107	404	548	06/04/2025	16:32	LB136011
	Copper	508	511	99	434	588	06/04/2025	16:32	LB136011
	Iron	101000	99300	102	84400	114500	06/04/2025	16:32	LB136011
	Lead	47.6	49.0	97	37	61	06/04/2025	16:32	LB136011
	Magnesium	246000	248000	99	210000	286000	06/04/2025	16:32	LB136011
	Manganese	468	507	92	430	584	06/04/2025	16:32	LB136011
	Nickel	1010	954	106	810	1100	06/04/2025	16:32	LB136011
	Potassium	22.6			0	0	06/04/2025	16:32	LB136011
	Selenium	56.4	46.0	123	26	66	06/04/2025	16:32	LB136011
	Silver	219	201	109	170	232	06/04/2025	16:32	LB136011
	Sodium	-64.1			0	0	06/04/2025	16:32	LB136011
	Thallium	95.3	108	88	68	148	06/04/2025	16:32	LB136011

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Metals
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INTERFERENCE CHECK SAMPLE

Client: Portal Partners Tri-Venture **SDG No.:** Q2198

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2198 **SAS No.:** Q2198

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	461	491	94	417	565	06/04/2025	16:32	LB136011
	Zinc	1050	952	110	809	1095	06/04/2025	16:32	LB136011
ICSA01	Aluminum	244000	255000	96	216000	294000	06/05/2025	16:23	LB136035
	Antimony	-1.93			-50	50	06/05/2025	16:23	LB136035
	Arsenic	3.98			-20	20	06/05/2025	16:23	LB136035
	Barium	2.58	6.0	43	-94	106	06/05/2025	16:23	LB136035
	Beryllium	0.94			-6	6	06/05/2025	16:23	LB136035
	Cadmium	1.32	1.0	132	-5	7	06/05/2025	16:23	LB136035
	Calcium	230000	245000	94	208000	282000	06/05/2025	16:23	LB136035
	Chromium	48.9	52.0	94	42	62	06/05/2025	16:23	LB136035
	Cobalt	0.88			-30	30	06/05/2025	16:23	LB136035
	Copper	19.3	2.0	965	-18	22	06/05/2025	16:23	LB136035
	Iron	103000	101000	102	85600	116500	06/05/2025	16:23	LB136035
	Lead	-0.76			-12	12	06/05/2025	16:23	LB136035
	Magnesium	251000	255000	98	216000	294000	06/05/2025	16:23	LB136035
	Manganese	5.13	7.0	73	-13	27	06/05/2025	16:23	LB136035
	Nickel	2.42	2.0	121	-38	42	06/05/2025	16:23	LB136035
	Potassium	64.7			0	0	06/05/2025	16:23	LB136035
	Selenium	6.36			-20	20	06/05/2025	16:23	LB136035
	Silver	3.31			-10	10	06/05/2025	16:23	LB136035
	Sodium	12.7			0	0	06/05/2025	16:23	LB136035
	Thallium	-7.25			-40	40	06/05/2025	16:23	LB136035
	Vanadium	1.93			-40	40	06/05/2025	16:23	LB136035
	Zinc	3.94			-40	40	06/05/2025	16:23	LB136035
ICSAB01	Aluminum	224000	247000	91	209000	285000	06/05/2025	16:32	LB136035
	Antimony	648	618	105	525	711	06/05/2025	16:32	LB136035
	Arsenic	108	104	104	88.4	120	06/05/2025	16:32	LB136035
	Barium	462	537	86	437	637	06/05/2025	16:32	LB136035
	Beryllium	447	495	90	420	570	06/05/2025	16:32	LB136035
	Cadmium	1010	972	104	826	1120	06/05/2025	16:32	LB136035
	Calcium	213000	235000	91	199000	271000	06/05/2025	16:32	LB136035
	Chromium	564	542	104	460	624	06/05/2025	16:32	LB136035
	Cobalt	510	476	107	404	548	06/05/2025	16:32	LB136035
	Copper	517	511	101	434	588	06/05/2025	16:32	LB136035
	Iron	99900	99300	101	84400	114500	06/05/2025	16:32	LB136035
	Lead	48.0	49.0	98	37	61	06/05/2025	16:32	LB136035
	Magnesium	230000	248000	93	210000	286000	06/05/2025	16:32	LB136035
	Manganese	458	507	90	430	584	06/05/2025	16:32	LB136035
	Nickel	1010	954	106	810	1100	06/05/2025	16:32	LB136035
	Potassium	111			0	0	06/05/2025	16:32	LB136035
	Selenium	58.4	46.0	127	26	66	06/05/2025	16:32	LB136035
	Silver	219	201	109	170	232	06/05/2025	16:32	LB136035

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Metals
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INTERFERENCE CHECK SAMPLE

Client: Portal Partners Tri-Venture **SDG No.:** Q2198

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2198 **SAS No.:** Q2198

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	Sodium	-6.15			0	0	06/05/2025	16:32	LB136035
	Thallium	102	108	94	68	148	06/05/2025	16:32	LB136035
	Vanadium	464	491	94	417	565	06/05/2025	16:32	LB136035
	Zinc	1050	952	110	809	1095	06/05/2025	16:32	LB136035
ICSA01	Aluminum	245000	255000	96	216000	294000	06/06/2025	13:42	LB136052
	Antimony	-6.04			-50	50	06/06/2025	13:42	LB136052
	Arsenic	4.57			-20	20	06/06/2025	13:42	LB136052
	Barium	1.92	6.0	32	-94	106	06/06/2025	13:42	LB136052
	Beryllium	1.00			-6	6	06/06/2025	13:42	LB136052
	Cadmium	2.20	1.0	220	-5	7	06/06/2025	13:42	LB136052
	Calcium	223000	245000	91	208000	282000	06/06/2025	13:42	LB136052
	Chromium	45.0	52.0	86	42	62	06/06/2025	13:42	LB136052
	Cobalt	1.09			-30	30	06/06/2025	13:42	LB136052
	Copper	-6.16	2.0	308	-18	22	06/06/2025	13:42	LB136052
	Iron	90700	101000	90	85600	116500	06/06/2025	13:42	LB136052
	Lead	2.11			-12	12	06/06/2025	13:42	LB136052
	Magnesium	242000	255000	95	216000	294000	06/06/2025	13:42	LB136052
	Manganese	1.75	7.0	25	-13	27	06/06/2025	13:42	LB136052
	Nickel	2.48	2.0	124	-38	42	06/06/2025	13:42	LB136052
	Potassium	60.4			0	0	06/06/2025	13:42	LB136052
	Selenium	0.16			-20	20	06/06/2025	13:42	LB136052
	Silver	0.046			-10	10	06/06/2025	13:42	LB136052
	Sodium	9.24			0	0	06/06/2025	13:42	LB136052
	Thallium	-2.69			-40	40	06/06/2025	13:42	LB136052
	Vanadium	5.24			-40	40	06/06/2025	13:42	LB136052
	Zinc	4.89			-40	40	06/06/2025	13:42	LB136052
ICSAB01	Aluminum	250000	247000	101	209000	285000	06/06/2025	13:46	LB136052
	Antimony	617	618	100	525	711	06/06/2025	13:46	LB136052
	Arsenic	106	104	102	88.4	120	06/06/2025	13:46	LB136052
	Barium	477	537	89	437	637	06/06/2025	13:46	LB136052
	Beryllium	459	495	93	420	570	06/06/2025	13:46	LB136052
	Cadmium	970	972	100	826	1120	06/06/2025	13:46	LB136052
	Calcium	230000	235000	98	199000	271000	06/06/2025	13:46	LB136052
	Chromium	545	542	101	460	624	06/06/2025	13:46	LB136052
	Cobalt	492	476	103	404	548	06/06/2025	13:46	LB136052
	Copper	482	511	94	434	588	06/06/2025	13:46	LB136052
	Iron	104000	99300	105	84400	114500	06/06/2025	13:46	LB136052
	Lead	47.1	49.0	96	37	61	06/06/2025	13:46	LB136052
	Magnesium	246000	248000	99	210000	286000	06/06/2025	13:46	LB136052
	Manganese	461	507	91	430	584	06/06/2025	13:46	LB136052
	Nickel	972	954	102	810	1100	06/06/2025	13:46	LB136052
	Potassium	73.7			0	0	06/06/2025	13:46	LB136052

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INTERFERENCE CHECK SAMPLE

Client: Portal Partners Tri-Venture **SDG No.:** Q2198

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2198 **SAS No.:** Q2198

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	Selenium	42.7	46.0	93	26	66	06/06/2025	13:46	LB136052
	Silver	213	201	106	170	232	06/06/2025	13:46	LB136052
	Sodium	5.90			0	0	06/06/2025	13:46	LB136052
	Thallium	93.8	108	87	68	148	06/06/2025	13:46	LB136052
	Vanadium	464	491	94	417	565	06/06/2025	13:46	LB136052
	Zinc	1030	952	108	809	1095	06/06/2025	13:46	LB136052

METAL QC DATA

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MATRIX SPIKE SUMMARY

client: Portal Partners Tri-Venture **level:** low **sdg no.:** Q2198

contract: PORT06 **lab code:** CHEM **case no.:** Q2198 **sas no.:** Q2198

matrix: Solid **sample id:** Q2195-01 **client id:** OK-01-060325MS

Percent Solids for Sample: 94.4 **Spiked ID:** Q2195-01MS **Percent Solids for Spike Sample:** 94.4

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	75 - 125	7080		6560		96.7	546		P
Antimony	mg/Kg	75 - 125	12.8		2.46	U	38.7	33	N	P
Arsenic	mg/Kg	75 - 125	33.0		1.40		38.7	82		P
Barium	mg/Kg	75 - 125	45.7		32.7		9.7	134	N	P
Beryllium	mg/Kg	75 - 125	7.37		0.29	J	9.7	73	N	P
Cadmium	mg/Kg	75 - 125	10.8		0.70		9.7	104		P
Calcium	mg/Kg	75 - 125	3380		2630		48.4	1553		P
Chromium	mg/Kg	75 - 125	37.4		17.7		19.3	102		P
Cobalt	mg/Kg	75 - 125	21.5		10.1		9.7	118		P
Copper	mg/Kg	75 - 125	53.9		38.9		14.5	104		P
Iron	mg/Kg	75 - 125	16700		15000		150	1152		P
Lead	mg/Kg	75 - 125	53.9		4.53		48.4	102		P
Magnesium	mg/Kg	75 - 125	4380		3660		96.7	745		P
Manganese	mg/Kg	75 - 125	216		203		9.7	134		P
Mercury	mg/Kg	80 - 120	0.22		0.0090	J	0.27	79	N	CV
Nickel	mg/Kg	75 - 125	45.4		17.9		24.2	114		P
Potassium	mg/Kg	75 - 125	2560		1810		480	157	N	P
Selenium	mg/Kg	75 - 125	76.0		0.99	U	96.7	79		P
Silver	mg/Kg	75 - 125	3.77		0.77		3.6	84		P
Sodium	mg/Kg	75 - 125	217		234		150	-12	N	P
Thallium	mg/Kg	75 - 125	92.7		1.97	U	96.7	96		P
Vanadium	mg/Kg	75 - 125	39.3		26.0		14.5	92		P
Zinc	mg/Kg	75 - 125	39.5		25.8		9.7	141	N	P

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MATRIX SPIKE DUPLICATE SUMMARY

client: Portal Partners Tri-Venture **level:** low **sdg no.:** Q2198

contract: PORT06 **lab code:** CHEM **case no.:** Q2198 **sas no.:** Q2198

matrix: Solid **sample id:** Q2195-01 **client id:** OK-01-060325MSD

Percent Solids for Sample: 94.4 **Spiked ID:** Q2195-01MSD **Percent Solids for Spike Sample:** 94.4

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	75 - 125	7130		6560		92.5	620		P
Antimony	mg/Kg	75 - 125	11.4		2.46	U	37.0	31	N	P
Arsenic	mg/Kg	75 - 125	30.4		1.40		37.0	78		P
Barium	mg/Kg	75 - 125	39.3		32.7		9.3	71	N	P
Beryllium	mg/Kg	75 - 125	6.79		0.29	J	9.3	70	N	P
Cadmium	mg/Kg	75 - 125	10.0		0.70		9.3	100		P
Calcium	mg/Kg	75 - 125	2900		2630		46.3	581		P
Chromium	mg/Kg	75 - 125	31.1		17.7		18.5	72	N	P
Cobalt	mg/Kg	75 - 125	19.4		10.1		9.3	100		P
Copper	mg/Kg	75 - 125	48.8		38.9		13.9	71	N	P
Iron	mg/Kg	75 - 125	14400		15000		140	-439		P
Lead	mg/Kg	75 - 125	50.1		4.53		46.3	98		P
Magnesium	mg/Kg	75 - 125	3740		3660		92.5	90		P
Manganese	mg/Kg	75 - 125	188		203		9.3	-153		P
Mercury	mg/Kg	80 - 120	0.22		0.0090	J	0.26	82		CV
Nickel	mg/Kg	75 - 125	41.3		17.9		23.1	101		P
Potassium	mg/Kg	75 - 125	2070		1810		460	57	N	P
Selenium	mg/Kg	75 - 125	69.8		0.99	U	92.5	76		P
Silver	mg/Kg	75 - 125	3.25		0.77		3.5	71	N	P
Sodium	mg/Kg	75 - 125	253		234		140	13	N	P
Thallium	mg/Kg	75 - 125	86.7		1.97	U	92.5	94		P
Vanadium	mg/Kg	75 - 125	37.1		26.0		13.9	80		P
Zinc	mg/Kg	75 - 125	32.9		25.8		9.3	76		P

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MATRIX SPIKE SUMMARY

client: Portal Partners Tri-Venture **level:** low **sdg no.:** Q2198

contract: PORT06 **lab code:** CHEM **case no.:** Q2198 **sas no.:** Q2198

matrix: Water **sample id:** Q2198-05 **client id:** B-202-GW01MS

Percent Solids for Sample: NA **Spiked ID:** Q2198-05MS **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	ug/L	75 - 125	29600	D	23100	D	1000	652		P
Antimony	ug/L	75 - 125	281	D	125	UD	400	70	N	P
Arsenic	ug/L	75 - 125	355	D	50.0	UD	400	87		P
Barium	ug/L	75 - 125	174	JD	68.1	JD	100	106		P
Beryllium	ug/L	75 - 125	98.5	D	15.0	UD	100	97		P
Cadmium	ug/L	75 - 125	97.6	D	15.0	UD	100	97		P
Calcium	ug/L	75 - 125	37400	D	33200	D	500	832		P
Chromium	ug/L	75 - 125	254	D	59.5	D	200	97		P
Cobalt	ug/L	75 - 125	106	D	6.74	JD	100	99		P
Copper	ug/L	75 - 125	199	D	50.5	D	150	99		P
Iron	ug/L	75 - 125	31800	D	26800	D	1500	336		P
Lead	ug/L	75 - 125	555	D	79.0	D	500	95		P
Magnesium	ug/L	75 - 125	41400	D	36300	D	1000	504		P
Manganese	ug/L	75 - 125	490	D	354	D	100	136	N	P
Nickel	ug/L	75 - 125	272	D	23.9	JD	250	99		P
Potassium	ug/L	75 - 125	37500	D	30400	D	5000	141		P
Selenium	ug/L	75 - 125	867	D	50.0	UD	1000	87		P
Silver	ug/L	75 - 125	35.9	D	25.0	UD	37.5	93		P
Sodium	ug/L	75 - 125	395000	D	367000	D	1500	1833		P
Thallium	ug/L	75 - 125	942	D	100	UD	1000	95		P
Vanadium	ug/L	75 - 125	227	D	77.0	JD	150	100		P
Zinc	ug/L	75 - 125	239	D	149	D	100	90		P

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MATRIX SPIKE DUPLICATE SUMMARY

client: Portal Partners Tri-Venture **level:** low **sdg no.:** Q2198

contract: PORT06 **lab code:** CHEM **case no.:** Q2198 **sas no.:** Q2198

matrix: Water **sample id:** Q2198-05 **client id:** B-202-GW01MSD

Percent Solids for Sample: NA **Spiked ID:** Q2198-05MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	ug/L	75 - 125	30200	D	23100	D	1000	710		P
Antimony	ug/L	75 - 125	285	D	125	UD	400	71	N	P
Arsenic	ug/L	75 - 125	360	D	50.0	UD	400	88		P
Barium	ug/L	75 - 125	176	JD	68.1	JD	100	107		P
Beryllium	ug/L	75 - 125	99.5	D	15.0	UD	100	98		P
Cadmium	ug/L	75 - 125	99.4	D	15.0	UD	100	99		P
Calcium	ug/L	75 - 125	37700	D	33200	D	500	886		P
Chromium	ug/L	75 - 125	265	D	59.5	D	200	103		P
Cobalt	ug/L	75 - 125	108	D	6.74	JD	100	101		P
Copper	ug/L	75 - 125	203	D	50.5	D	150	102		P
Iron	ug/L	75 - 125	34000	D	26800	D	1500	479		P
Lead	ug/L	75 - 125	568	D	79.0	D	500	98		P
Magnesium	ug/L	75 - 125	41800	D	36300	D	1000	543		P
Manganese	ug/L	75 - 125	493	D	354	D	100	138	N	P
Nickel	ug/L	75 - 125	277	D	23.9	JD	250	101		P
Potassium	ug/L	75 - 125	39800	D	30400	D	5000	189		P
Selenium	ug/L	75 - 125	873	D	50.0	UD	1000	88		P
Silver	ug/L	75 - 125	37.1	D	25.0	UD	37.5	96		P
Sodium	ug/L	75 - 125	414000	D	367000	D	1500	3103		P
Thallium	ug/L	75 - 125	946	D	100	UD	1000	95		P
Vanadium	ug/L	75 - 125	230	D	77.0	JD	150	102		P
Zinc	ug/L	75 - 125	245	D	149	D	100	96		P

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metals
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MATRIX SPIKE SUMMARY

client: Portal Partners Tri-Venture **level:** low **sdg no.:** Q2198

contract: PORT06 **lab code:** CHEM **case no.:** Q2198 **sas no.:** Q2198

matrix: Water **sample id:** Q2216-02 **client id:** 3887MS

Percent Solids for Sample: NA **Spiked ID:** Q2216-02MS **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	ug/L	75 - 125	4.16		0.20	U	4.0	104		CV

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MATRIX SPIKE DUPLICATE SUMMARY

client: Portal Partners Tri-Venture **level:** low **sdg no.:** Q2198

contract: PORT06 **lab code:** CHEM **case no.:** Q2198 **sas no.:** Q2198

matrix: Water **sample id:** Q2216-02 **client id:** 3887MSD

Percent Solids for Sample: NA **Spiked ID:** Q2216-02MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	ug/L	75 - 125	3.65		0.20	U	4.0	91		CV

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Metals
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POST DIGEST SPIKE SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q2198

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2198 **SAS No.:** Q2198

Matrix: Solid **Level:** LOW **Client ID:** OK-01-060325A

Sample ID: Q2195-01 **Spiked ID:** Q2195-01A

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Antimony	mg/Kg	75 - 125	32.0		2.46	U	39.4	81		P
Barium	mg/Kg	75 - 125	36.9		32.7		9.90	42	N	P
Beryllium	mg/Kg	75 - 125	7.75		0.29	J	9.90	75		P
Chromium	mg/Kg	75 - 125	31.9		17.7		19.7	72	N	P
Copper	mg/Kg	75 - 125	47.9		38.9		14.8	61	N	P
Mercury	mg/Kg	80 - 120	0.30		0.0090	J	0.26	110		CV
Potassium	mg/Kg	75 - 125	2070		1810		490	54	N	P
Silver	mg/Kg	75 - 125	3.78		0.77		3.70	82		P
Sodium	mg/Kg	75 - 125	243		234		150	6	N	P
Zinc	mg/Kg	75 - 125	33.6		25.8		9.90	78		P

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Metals
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POST DIGEST SPIKE SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q2198

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2198 **SAS No.:** Q2198

Matrix: Water **Level:** LOW **Client ID:** B-202-GW01A

Sample ID: Q2198-05 **Spiked ID:** Q2198-05A

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Antimony	ug/L	75 - 125	371	D	125	UD	2000	18	N	P
Manganese	ug/L	75 - 125	440	D	354	D	500	17	N	P

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DUPLICATE SAMPLE SUMMARY

Client: Portal Partners Tri-Venture **Level:** LOW **SDG No.:** Q2198

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2198 **SAS No.:** Q2198

Matrix: Solid **Sample ID:** Q2195-01 **Client ID:** OK-01-060325DUP

Percent Solids for Sample: 94.4 **Duplicate ID** Q2195-01DUP **Percent Solids for Spike Sample:** 94.4

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	mg/Kg	20	6560		5730		14		P
Antimony	mg/Kg	20	2.46	U	2.40	U			P
Arsenic	mg/Kg	20	1.40		1.22		14		P
Barium	mg/Kg	20	32.7		28.5		14		P
Beryllium	mg/Kg	20	0.29	J	0.26	J	9		P
Cadmium	mg/Kg	20	0.70		0.43		48	*	P
Calcium	mg/Kg	20	2630		2770		5		P
Chromium	mg/Kg	20	17.7		15.4		14		P
Cobalt	mg/Kg	20	10.1		8.69		15		P
Copper	mg/Kg	20	38.9		34.3		13		P
Iron	mg/Kg	20	15000		13400		11		P
Lead	mg/Kg	20	4.53		4.82		6		P
Magnesium	mg/Kg	20	3660		3330		9		P
Manganese	mg/Kg	20	203		177		14		P
Mercury	mg/Kg	20	0.0090	J	0.014	U	200.0		CV
Nickel	mg/Kg	20	17.9		15.3		16		P
Potassium	mg/Kg	20	1810		1600		12		P
Selenium	mg/Kg	20	0.99	U	0.36	J	200.0		P
Silver	mg/Kg	20	0.77		0.69		10		P
Sodium	mg/Kg	20	234		174		29	*	P
Thallium	mg/Kg	20	1.97	U	1.92	U			P
Vanadium	mg/Kg	20	26.0		24.3		7		P
Zinc	mg/Kg	20	25.8		24.1		7		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: Portal Partners Tri-Venture **Level:** LOW **SDG No.:** Q2198

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2198 **SAS No.:** Q2198

Matrix: Solid **Sample ID:** Q2195-01MS **Client ID:** OK-01-060325MSD

Percent Solids for Sample: 94.4 **Duplicate ID** Q2195-01MSD **Percent Solids for Spike Sample:** 94.4

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	mg/Kg	20	7080		7130		1		P
Antimony	mg/Kg	20	12.8		11.4		12		P
Arsenic	mg/Kg	20	33.0		30.4		8		P
Barium	mg/Kg	20	45.7		39.3		15		P
Beryllium	mg/Kg	20	7.37		6.79		8		P
Cadmium	mg/Kg	20	10.8		10.0		7		P
Calcium	mg/Kg	20	3380		2900		15		P
Chromium	mg/Kg	20	37.4		31.1		18		P
Cobalt	mg/Kg	20	21.5		19.4		10		P
Copper	mg/Kg	20	53.9		48.8		10		P
Iron	mg/Kg	20	16700		14400		15		P
Lead	mg/Kg	20	53.9		50.1		7		P
Magnesium	mg/Kg	20	4380		3740		16		P
Manganese	mg/Kg	20	216		188		14		P
Mercury	mg/Kg	20	0.22		0.22		0		CV
Nickel	mg/Kg	20	45.4		41.3		9		P
Potassium	mg/Kg	20	2560		2070		21	*	P
Selenium	mg/Kg	20	76.0		69.8		9		P
Silver	mg/Kg	20	3.77		3.25		15		P
Sodium	mg/Kg	20	217		253		15		P
Thallium	mg/Kg	20	92.7		86.7		7		P
Vanadium	mg/Kg	20	39.3		37.1		6		P
Zinc	mg/Kg	20	39.5		32.9		18		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: Portal Partners Tri-Venture **Level:** LOW **SDG No.:** Q2198

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2198 **SAS No.:** Q2198

Matrix: Water **Sample ID:** Q2198-05 **Client ID:** B-202-GW01DUP

Percent Solids for Sample: NA **Duplicate ID** Q2198-05DUP **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	ug/L	20	23100	D	25100	D	8		P
Antimony	ug/L	20	125	UD	125	UD			P
Arsenic	ug/L	20	50.0	UD	50.0	UD			P
Barium	ug/L	20	68.1	JD	79.7	JD	16		P
Beryllium	ug/L	20	15.0	UD	15.0	UD			P
Cadmium	ug/L	20	15.0	UD	15.0	UD			P
Calcium	ug/L	20	33200	D	36700	D	10		P
Chromium	ug/L	20	59.5	D	62.6	D	5		P
Cobalt	ug/L	20	6.74	JD	7.08	JD	5		P
Copper	ug/L	20	50.5	D	52.9	D	5		P
Iron	ug/L	20	26800	D	32400	D	19		P
Lead	ug/L	20	79.0	D	86.6	D	9		P
Magnesium	ug/L	20	36300	D	39400	D	8		P
Manganese	ug/L	20	354	D	394	D	11		P
Nickel	ug/L	20	23.9	JD	24.9	JD	4		P
Potassium	ug/L	20	30400	D	35800	D	16		P
Selenium	ug/L	20	50.0	UD	50.0	UD			P
Silver	ug/L	20	25.0	UD	25.0	UD			P
Sodium	ug/L	20	367000	D	436000	D	17		P
Thallium	ug/L	20	100	UD	100	UD			P
Vanadium	ug/L	20	77.0	JD	85.5	JD	10		P
Zinc	ug/L	20	149	D	141	D	6		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: Portal Partners Tri-Venture **Level:** LOW **SDG No.:** Q2198

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2198 **SAS No.:** Q2198

Matrix: Water **Sample ID:** Q2198-05MS **Client ID:** B-202-GW01MSD

Percent Solids for Sample: NA **Duplicate ID** Q2198-05MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	ug/L	20	29600	D	30200	D	2		P
Antimony	ug/L	20	281	D	285	D	1		P
Arsenic	ug/L	20	355	D	360	D	1		P
Barium	ug/L	20	174	JD	176	JD	1		P
Beryllium	ug/L	20	98.5	D	99.5	D	1		P
Cadmium	ug/L	20	97.6	D	99.4	D	2		P
Calcium	ug/L	20	37400	D	37700	D	1		P
Chromium	ug/L	20	254	D	265	D	4		P
Cobalt	ug/L	20	106	D	108	D	2		P
Copper	ug/L	20	199	D	203	D	2		P
Iron	ug/L	20	31800	D	34000	D	7		P
Lead	ug/L	20	555	D	568	D	2		P
Magnesium	ug/L	20	41400	D	41800	D	1		P
Manganese	ug/L	20	490	D	493	D	1		P
Nickel	ug/L	20	272	D	277	D	2		P
Potassium	ug/L	20	37500	D	39800	D	6		P
Selenium	ug/L	20	867	D	873	D	1		P
Silver	ug/L	20	35.9	D	37.1	D	3		P
Sodium	ug/L	20	395000	D	414000	D	5		P
Thallium	ug/L	20	942	D	946	D	0		P
Vanadium	ug/L	20	227	D	230	D	1		P
Zinc	ug/L	20	239	D	245	D	2		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: Portal Partners Tri-Venture **Level:** LOW **SDG No.:** Q2198

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2198 **SAS No.:** Q2198

Matrix: Water **Sample ID:** Q2216-02 **Client ID:** 3887DUP

Percent Solids for Sample: NA **Duplicate ID** Q2216-02DUP **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	ug/L	20	0.20	U	0.20	U			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: Portal Partners Tri-Venture **Level:** LOW **SDG No.:** Q2198

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2198 **SAS No.:** Q2198

Matrix: Water **Sample ID:** Q2216-02MS **Client ID:** 3887MSD

Percent Solids for Sample: NA **Duplicate ID** Q2216-02MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	ug/L	20	4.16		3.65		13		CV

"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: Portal Partners Tri-Venture **SDG No.:** Q2198

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2198 **SAS No.:** Q2198

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB168276BS							
Aluminum	ug/L	1000	904		90	80 - 120	P
Antimony	ug/L	400	387		97	80 - 120	P
Arsenic	ug/L	400	368		92	80 - 120	P
Barium	ug/L	100	89.5		90	80 - 120	P
Beryllium	ug/L	100	94.7		95	80 - 120	P
Cadmium	ug/L	100	93.3		93	80 - 120	P
Calcium	ug/L	500	466	J	93	80 - 120	P
Chromium	ug/L	200	190		95	80 - 120	P
Cobalt	ug/L	100	95.1		95	80 - 120	P
Copper	ug/L	150	148		99	80 - 120	P
Iron	ug/L	1500	1410		94	80 - 120	P
Lead	ug/L	500	459		92	80 - 120	P
Magnesium	ug/L	1000	925	J	92	80 - 120	P
Manganese	ug/L	100	94.5		94	80 - 120	P
Nickel	ug/L	250	237		95	80 - 120	P
Potassium	ug/L	5000	4470		89	80 - 120	P
Selenium	ug/L	1000	931		93	80 - 120	P
Silver	ug/L	37.5	34.8		93	80 - 120	P
Sodium	ug/L	1500	1310		87	80 - 120	P
Thallium	ug/L	1000	927		93	80 - 120	P
Vanadium	ug/L	150	137		91	80 - 120	P
Zinc	ug/L	100	95.4		95	80 - 120	P

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LABORATORY CONTROL SAMPLE SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q2198

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2198 **SAS No.:** Q2198

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB168279BS							
Aluminum	mg/Kg	100	105		105	80 - 120	P
Antimony	mg/Kg	40.0	43.8		110	80 - 120	P
Arsenic	mg/Kg	40.0	42.4		106	80 - 120	P
Barium	mg/Kg	10.0	9.98		100	80 - 120	P
Beryllium	mg/Kg	10.0	10.5		105	80 - 120	P
Cadmium	mg/Kg	10.0	10.6		106	80 - 120	P
Calcium	mg/Kg	50.0	53.4	J	107	80 - 120	P
Chromium	mg/Kg	20.0	21.9		110	80 - 120	P
Cobalt	mg/Kg	10.0	10.6		106	80 - 120	P
Copper	mg/Kg	15.0	16.6		111	80 - 120	P
Iron	mg/Kg	150	158		105	80 - 120	P
Lead	mg/Kg	50.0	52.0		104	80 - 120	P
Magnesium	mg/Kg	100	102		102	80 - 120	P
Manganese	mg/Kg	10.0	10.4		104	80 - 120	P
Nickel	mg/Kg	25.0	26.7		107	80 - 120	P
Potassium	mg/Kg	500	505		101	80 - 120	P
Selenium	mg/Kg	100	107		107	80 - 120	P
Silver	mg/Kg	3.8	3.91		103	80 - 120	P
Sodium	mg/Kg	150	147		98	80 - 120	P
Thallium	mg/Kg	100	108		108	80 - 120	P
Vanadium	mg/Kg	15.0	15.6		104	80 - 120	P
Zinc	mg/Kg	10.0	11.0		110	80 - 120	P

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LABORATORY CONTROL SAMPLE SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q2198

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2198 **SAS No.:** Q2198

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB168290BS							
Mercury	mg/Kg	0.26	0.23		89	80 - 120	CV

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LABORATORY CONTROL SAMPLE SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q2198

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2198 **SAS No.:** Q2198

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB168317BS							
Mercury	ug/L	4.0	3.53		88	80 - 120	CV

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ICP SERIAL DILUTIONS

SAMPLE NO.

OK-01-060325L

Lab Name: Chemtech Consulting Group **Contract:** PORT06

Lab Code: CHEM **Lb No.:** lb136035 **Lab Sample ID :** Q2195-01L **SDG No.:** Q2198

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	6560		7670		17		P
Antimony	2.46	U	12.3	U			P
Arsenic	1.40		1.59	J	14		P
Barium	32.7		37.8		16		P
Beryllium	0.29	J	0.36	J	26		P
Cadmium	0.70		1.48	U	100.0		P
Calcium	2630		3180		21		P
Chromium	17.7		21.9		24		P
Cobalt	10.1		9.55		6		P
Copper	38.9		46.9		21		P
Iron	15000		18100		20		P
Lead	4.53		4.58		1		P
Magnesium	3660		4320		18		P
Manganese	203		245		21		P
Mercury	0.0090	J	0.066	U	100.0		CV
Nickel	17.9		17.4		3		P
Potassium	1810		2000		11		P
Selenium	0.99	U	4.93	U			P
Silver	0.77		0.89	J	16		P
Sodium	234		250	J	7		P
Thallium	1.97	U	9.85	U			P
Vanadium	26.0		30.6		18		P
Zinc	25.8		32.7		27		P

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ICP SERIAL DILUTIONS

SAMPLE NO.

B-202-GW01L

Lab Name: Chemtech Consulting Group **Contract:** PORT06

Lab Code: CHEM **Lb No.:** lb136011 **Lab Sample ID :** Q2198-05L **SDG No.:** Q2198

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

Concentration Units: ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	M
Aluminum	23100	D	23300	D	1		P
Antimony	125	UD	625	UD			P
Arsenic	50.0	UD	250	UD			P
Barium	68.1	JD	1250	UD	29		P
Beryllium	15.0	UD	75.0	UD			P
Cadmium	15.0	UD	75.0	UD			P
Calcium	33200	D	34900	D	5		P
Chromium	59.5	D	61.1	JD	3		P
Cobalt	6.74	JD	375	UD	7		P
Copper	50.5	D	250	UD	11		P
Iron	26800	D	29800	D	11		P
Lead	79.0	D	71.9	JD	9		P
Magnesium	36300	D	37200	D	2		P
Manganese	354	D	376	D	6		P
Nickel	23.9	JD	500	UD	16		P
Potassium	30400	D	31400	D	3		P
Selenium	50.0	UD	250	UD			P
Silver	25.0	UD	125	UD			P
Sodium	367000	D	394000	D	7		P
Thallium	100	UD	500	UD			P
Vanadium	77.0	JD	500	UD	13		P
Zinc	149	D	500	UD	4		P

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ICP SERIAL DILUTIONS

SAMPLE NO.

3887L

Lab Name: Chemtech Consulting Group **Contract:** PORT06

Lab Code: CHEM **Lb No.:** lb136036 **Lab Sample ID :** Q2216-02L **SDG No.:** Q2198

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

Concentration Units: ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	M
Mercury	0.20	U	1.00	U			CV

METAL PREPARATION & INSTRUMENT DATA

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ICP INTERELEMENT CORRECTION FACTORS

Client: Portal Partners Tri-Venture **SDG No.:** Q2198

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2198 **SAS No.:** Q2198

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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ICP INTERELEMENT CORRECTION FACTORS

Client: Portal Partners Tri-Venture **SDG No.:** Q2198

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2198 **SAS No.:** Q2198

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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ICP INTERELEMENT CORRECTION FACTORS

Client: Portal Partners Tri-Venture **SDG No.:** Q2198

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2198 **SAS No.:** Q2198

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: Portal Partners Tri-Venture **SDG No.:** Q2198

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2198 **SAS No.:** Q2198

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: Portal Partners Tri-Venture **SDG No.:** Q2198

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2198 **SAS No.:** Q2198

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: Portal Partners Tri-Venture **SDG No.:** Q2198

Contract: PORT06 **Lab Code:** CHEM **Method:**

Case No.: Q2198 **SAS No.:** Q2198

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
Batch Number:	**PB168276**						
PB168276BL	PB168276BL	MB	WATER	06/04/2025	50.0	25.0	
PB168276BS	PB168276BS	LCS	WATER	06/04/2025	50.0	25.0	
Q2198-05	B-202-GW01	SAM	WATER	06/04/2025	50.0	25.0	
Q2198-05DUP	B-202-GW01DUP	DUP	WATER	06/04/2025	50.0	25.0	
Q2198-05MS	B-202-GW01MS	MS	WATER	06/04/2025	50.0	25.0	
Q2198-05MSD	B-202-GW01MSD	MSD	WATER	06/04/2025	50.0	25.0	

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SAMPLE PREPARATION SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q2198

Contract: PORT06 **Lab Code:** CHEM **Method:**

Case No.: Q2198 **SAS No.:** Q2198

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(g)	Final Sample Volume (mL)	Percent Solids
Batch Number:	**PB168279**						
PB168279BL	PB168279BL	MB	SOLID	06/04/2025	2.00	100.0	100.00
PB168279BS	PB168279BS	LCS	SOLID	06/04/2025	2.00	100.0	100.00
Q2195-01DUP	OK-01-060325DUP	DUP	SOLID	06/04/2025	2.21	100.0	94.40
Q2195-01MS	OK-01-060325MS	MS	SOLID	06/04/2025	2.19	100.0	94.40
Q2195-01MSD	OK-01-060325MSD	MSD	SOLID	06/04/2025	2.29	100.0	94.40
Q2198-01	B-202-SB02	SAM	SOLID	06/04/2025	2.40	100.0	71.90
Q2198-03	B-207-SB02	SAM	SOLID	06/04/2025	2.22	100.0	52.10

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SAMPLE PREPARATION SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q2198

Contract: PORT06 **Lab Code:** CHEM **Method:**

Case No.: Q2198 **SAS No.:** Q2198

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(g)	Final Sample Volume (mL)	Percent Solids
Batch Number:	**PB168290**						
PB168290BL	PB168290BL	MB	SOLID	06/04/2025	0.55	35.0	100.00
PB168290BS	PB168290BS	LCS	SOLID	06/04/2025	0.54	35.0	100.00
Q2195-01DUP	OK-01-060325DUP	DUP	SOLID	06/04/2025	0.53	35.0	94.40
Q2195-01MS	OK-01-060325MS	MS	SOLID	06/04/2025	0.55	35.0	94.40
Q2195-01MSD	OK-01-060325MSD	MSD	SOLID	06/04/2025	0.57	35.0	94.40
Q2198-01	B-202-SB02	SAM	SOLID	06/04/2025	0.50	35.0	71.90
Q2198-03	B-207-SB02	SAM	SOLID	06/04/2025	0.52	35.0	52.10

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SAMPLE PREPARATION SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q2198

Contract: PORT06 **Lab Code:** CHEM **Method:**

Case No.: Q2198 **SAS No.:** Q2198

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
Batch Number:	**PB168317**						
PB168317BL	PB168317BL	MB	WATER	06/05/2025	30.0	30.0	
PB168317BS	PB168317BS	LCS	WATER	06/05/2025	30.0	30.0	
Q2198-05	B-202-GW01	SAM	WATER	06/05/2025	30.0	30.0	
Q2216-02DUP	3887DUP	DUP	WATER	06/05/2025	30.0	30.0	
Q2216-02MS	3887MS	MS	WATER	06/05/2025	30.0	30.0	
Q2216-02MSD	3887MSD	MSD	WATER	06/05/2025	30.0	30.0	

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ANALYSIS RUN LOG

Client: Portal Partners Tri-Venture **Contract:** PORT06

Lab code: CHEM **Case no.:** Q2198 **Sas no.:** Q2198 **Sdg no.:** Q2198

Instrument id number: **Method:** **Run number:** LB136001

Start date: 06/04/2025 **End date:** 06/04/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1445	HG
S0.2	S0.2	1	1448	HG
S2.5	S2.5	1	1450	HG
S5	S5	1	1452	HG
S7.5	S7.5	1	1454	HG
S10	S10	1	1457	HG
ICV27	ICV27	1	1504	HG
ICB27	ICB27	1	1506	HG
CCV01	CCV01	1	1509	HG
CCB01	CCB01	1	1514	HG
CRA	CRA	1	1521	HG
PB168290BL	PB168290BL	1	1533	HG
PB168290BS	PB168290BS	1	1538	HG
Q2195-01DUP	OK-01-060325DUP	1	1550	HG
CCV02	CCV02	1	1559	HG
CCB02	CCB02	1	1601	HG
Q2195-01MS	OK-01-060325MS	1	1604	HG
Q2195-01MSD	OK-01-060325MSD	1	1606	HG
Q2198-01	B-202-SB02	1	1608	HG
Q2198-03	B-207-SB02	1	1610	HG
Q2195-01L	OK-01-060325L	5	1620	HG
Q2195-01A	OK-01-060325A	1	1625	HG
CCV03	CCV03	1	1627	HG
CCB03	CCB03	1	1629	HG

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ANALYSIS RUN LOG

Client: Portal Partners Tri-Venture **Contract:** PORT06

Lab code: CHEM **Case no.:** Q2198 **Sas no.:** Q2198 **Sdg no.:** Q2198

Instrument id number: **Method:** **Run number:** LB136011

Start date: 06/04/2025 **End date:** 06/04/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1418	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	1423	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	1427	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	1431	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	1435	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	1439	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	1549	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	1606	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	1610	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	1615	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	1626	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	1632	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	1645	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	1652	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	1735	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	1739	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	1837	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	1842	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	1926	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	1930	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	2012	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	2016	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB168276BL	PB168276BL	1	2046	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB168276BS	PB168276BS	1	2050	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	2058	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	2102	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2198-05	B-202-GW01	5	2107	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2198-05DUP	B-202-GW01DUP	5	2111	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2198-05L	B-202-GW01L	25	2115	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2198-05MS	B-202-GW01MS	5	2120	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2198-05MSD	B-202-GW01MSD	5	2124	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2198-05A	B-202-GW01A	5	2128	Mn,Sb
CCV07	CCV07	1	2141	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	2145	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV08	CCV08	1	2206	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	2210	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn

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ANALYSIS RUN LOG

Client: Portal Partners Tri-Venture **Contract:** PORT06

Lab code: CHEM **Case no.:** Q2198 **Sas no.:** Q2198 **Sdg no.:** Q2198

Instrument id number: **Method:** **Run number:** LB136035

Start date: 06/05/2025 **End date:** 06/05/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1511	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	1516	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	1520	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	1524	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	1528	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	1532	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	1555	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	1609	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	1614	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	1619	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	1623	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	1632	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	1650	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	1654	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	1746	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	1750	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	1943	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	1947	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2195-01DUP	OK-01-060325DUP	1	2008	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2195-01L	OK-01-060325L	5	2012	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2195-01MS	OK-01-060325MS	1	2016	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2195-01MSD	OK-01-060325MSD	1	2020	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2195-01A	OK-01-060325A	1	2024	Ag,Ba,Be,Cr,Cu,K,Na,Sb,Zn
CCV04	CCV04	1	2028	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	2032	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2198-01	B-202-SB02	1	2037	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2198-03	B-207-SB02	1	2041	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	2351	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	2356	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn

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ANALYSIS RUN LOG

Client: Portal Partners Tri-Venture **Contract:** PORT06

Lab code: CHEM **Case no.:** Q2198 **Sas no.:** Q2198 **Sdg no.:** Q2198

Instrument id number: **Method:** **Run number:** LB136036

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

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	0948	HG
S0.2	S0.2	1	0950	HG
S2.5	S2.5	1	0953	HG
S5	S5	1	0955	HG
S7.5	S7.5	1	0957	HG
S10	S10	1	1000	HG
ICV29	ICV29	1	1003	HG
ICB29	ICB29	1	1005	HG
CCV08	CCV08	1	1007	HG
CCB08	CCB08	1	1010	HG
CRA	CRA	1	1012	HG
CCV09	CCV09	1	1037	HG
CCB09	CCB09	1	1040	HG
CCV10	CCV10	1	1104	HG
CCB10	CCB10	1	1107	HG
PB168317BL	PB168317BL	1	1116	HG
PB168317BS	PB168317BS	1	1121	HG
Q2198-05	B-202-GW01	1	1125	HG
Q2216-02DUP	3887DUP	1	1132	HG
CCV11	CCV11	1	1141	HG
CCB11	CCB11	1	1143	HG
Q2216-02MS	3887MS	1	1148	HG
Q2216-02MSD	3887MSD	1	1150	HG
CCV12	CCV12	1	1206	HG
CCB12	CCB12	1	1208	HG
Q2216-02L	3887L	5	1222	HG
CCV13	CCV13	1	1233	HG
CCB13	CCB13	1	1235	HG

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ANALYSIS RUN LOG

Client: Portal Partners Tri-Venture **Contract:** PORT06

Lab code: CHEM **Case no.:** Q2198 **Sas no.:** Q2198 **Sdg no.:** Q2198

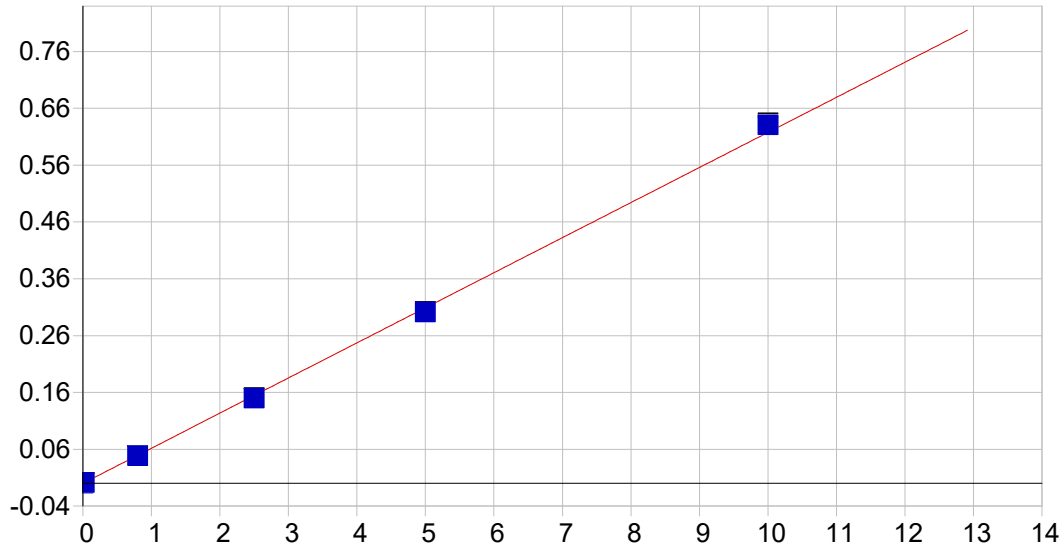
Instrument id number: **Method:** **Run number:** LB136052

Start date: 06/06/2025 **End date:** 06/07/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1250	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	1254	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	1259	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	1303	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	1307	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	1312	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	1316	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	1329	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	1333	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	1337	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	1342	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	1346	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	1405	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	1409	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB168279BL	PB168279BL	1	1413	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB168279BS	PB168279BS	1	1418	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	1456	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	1500	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	1550	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	1557	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	1646	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	1651	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	1740	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	1746	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	0303	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	0307	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	0340	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	0344	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:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011



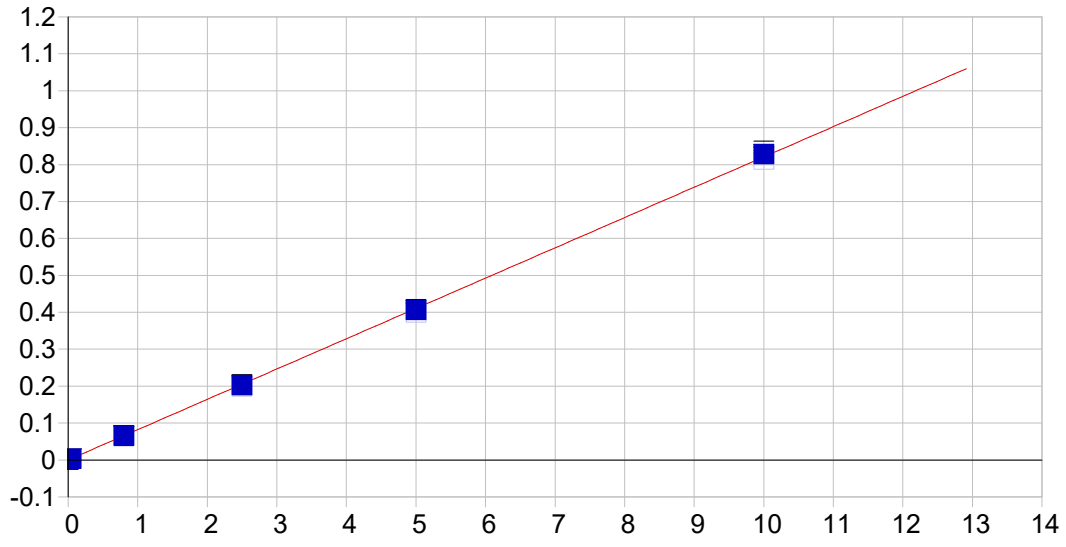
As 189.042 {479}

Date of Fit:	6/4/2025 14:43:52	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000034	Re-Slope:	1.000000
A1 (Gain):	0.061776	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999716	Status:	OK.
Std Error of Est:	0.000034		
Predicted MDL:	0.002438		
Predicted MQL:	0.008126		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00003	.000	1
S1	.02000	.01915	-.001	-4.26	.00114	.000	1
S3	2.5000	2.4228	-.077	-3.09	.14947	.001	1
S4	5.0000	4.8774	-.123	-2.45	.30094	.001	1
S5	10.000	10.216	.216	2.16	.63040	.003	1
S2	.80000	.78471	-.015	-1.91	.04839	.000	1

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011



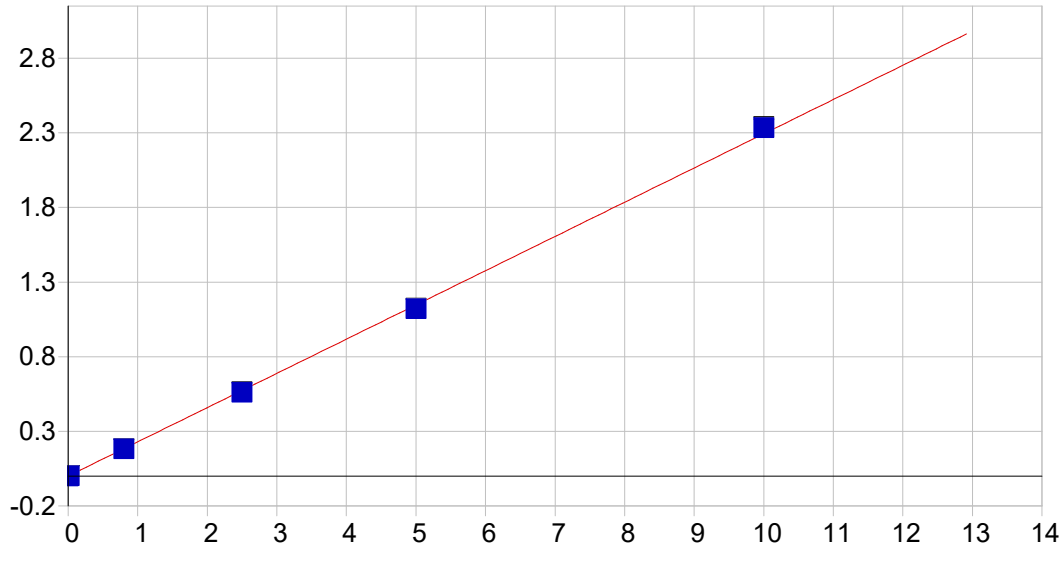
Tl 190.856 {477}

Date of Fit:	6/4/2025 14:43:52	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000175	Re-Slope:	1.000000
A1 (Gain):	0.082053	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999946	Status:	OK.
Std Error of Est:	0.000028		
Predicted MDL:	0.001805		
Predicted MQL:	0.006016		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00018	.000	1
S1	.04000	.03883	-.001	-2.93	.00315	.000	1
S3	2.5000	2.4648	-.035	-1.41	.19865	.002	1
S4	5.0000	4.9502	-.050	-.996	.39882	.001	1
S5	10.000	10.091	.091	.915	.81314	.008	1
S2	.80000	.79459	-.005	-.676	.06417	.000	1

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011



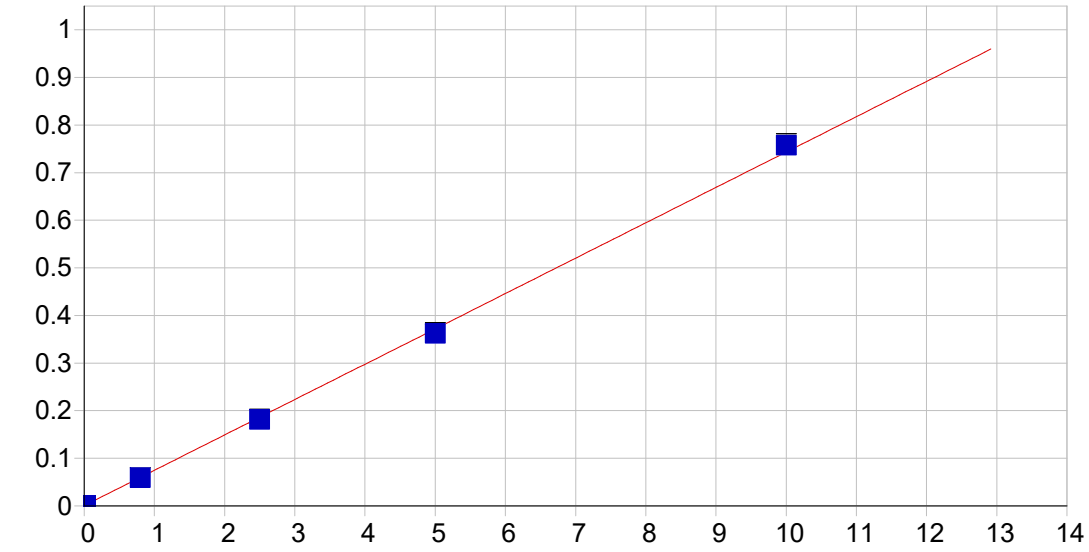
Pb 220.353 {453}

Date of Fit:	6/4/2025 14:43:52	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000003	Re-Slope:	1.000000
A1 (Gain):	0.229416	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999814	Status:	OK.
Std Error of Est:	0.000080		
Predicted MDL:	0.001545		
Predicted MQL:	0.005149		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00000	.000	1
S1	.01200	.01159	-.000	-3.38	.00261	.000	1
S3	2.5000	2.4435	-.056	-2.26	.55999	.002	1
S4	5.0000	4.8915	-.109	-2.17	1.1210	.003	1
S5	10.000	10.175	.175	1.75	2.3319	.008	1
S2	.80000	.79060	-.009	-1.17	.18119	.001	1

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011



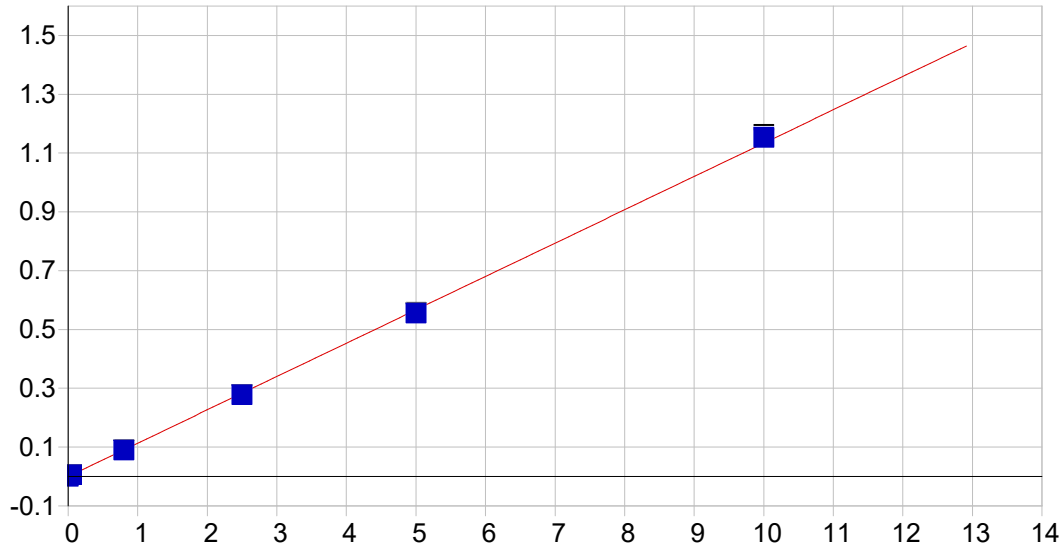
Se 196.090 {472}

Date of Fit:	6/4/2025 14:43:52	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000530	Re-Slope:	1.000000
A1 (Gain):	0.074273	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999772	Status:	OK.
Std Error of Est:	0.000037		
Predicted MDL:	0.003918		
Predicted MQL:	0.013060		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00053	.000	1
S1	.02000	.02020	.000	.989	.00203	.000	1
S3	2.5000	2.4404	-.060	-2.38	.18172	.000	1
S4	5.0000	4.8746	-.125	-2.51	.36244	.002	1
S5	10.000	10.192	.192	1.92	.75727	.003	1
S2	.80000	.79230	-.008	-.963	.05935	.000	1

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011



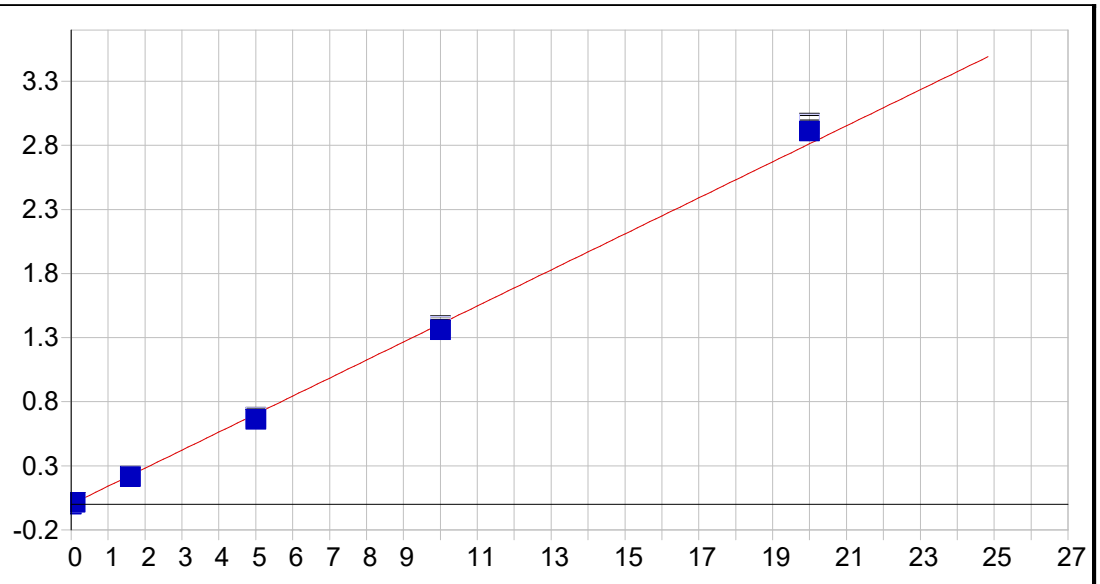
Sb 206.833 {463}

Date of Fit:	6/4/2025 14:43:52	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000013	Re-Slope:	1.000000
A1 (Gain):	0.113390	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999828	Status:	OK.
Std Error of Est:	0.000078		
Predicted MDL:	0.002334		
Predicted MQL:	0.007779		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00001	.000	1
S1	.05000	.05169	.002	3.37	.00586	.000	1
S3	2.5000	2.4452	-.055	-2.19	.27802	.001	1
S4	5.0000	4.8951	-.105	-2.10	.55658	.002	1
S5	10.000	10.167	.167	1.67	1.1559	.007	1
S2	.80000	.79105	-.009	-1.12	.08993	.001	1

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011



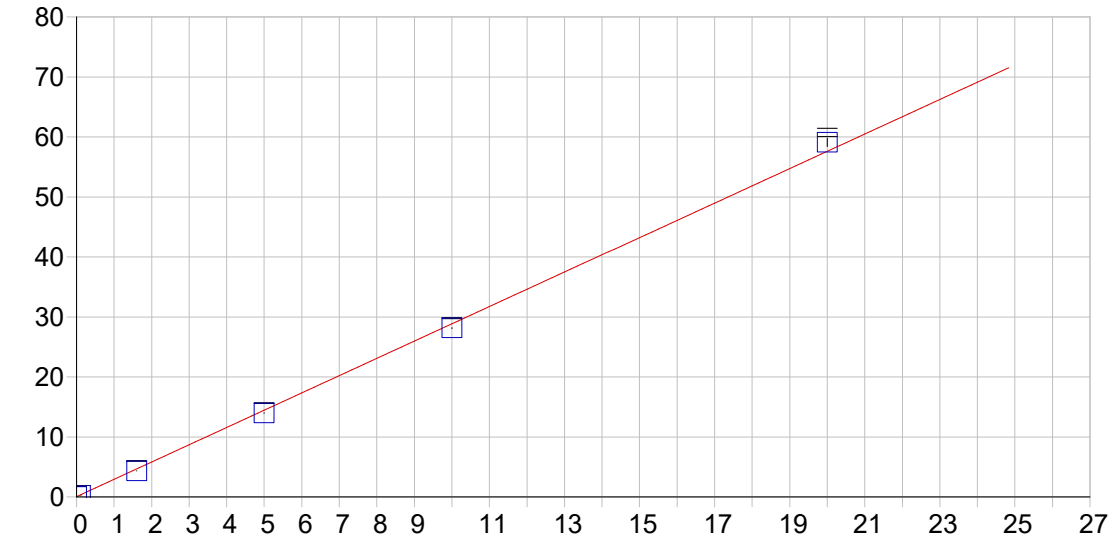
Al 396.152 { 85}

Date of Fit:	6/4/2025 14:43:52	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000401	Re-Slope:	1.000000
A1 (Gain):	0.140613	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999267	Status:	OK.
Std Error of Est:	0.000407		
Predicted MDL:	0.006375		
Predicted MQL:	0.021249		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00040	.000	1
S1	.10000	.09604	-.004	-3.96	.01500	.000	1
S3	5.0000	4.7077	-.292	-5.85	.67601	.002	1
S4	10.000	9.6783	-.322	-3.22	1.3886	.003	1
S5	20.000	20.699	.699	3.49	2.9654	.009	1
S2	1.6000	1.5197	-.080	-5.02	.21845	.002	1

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011



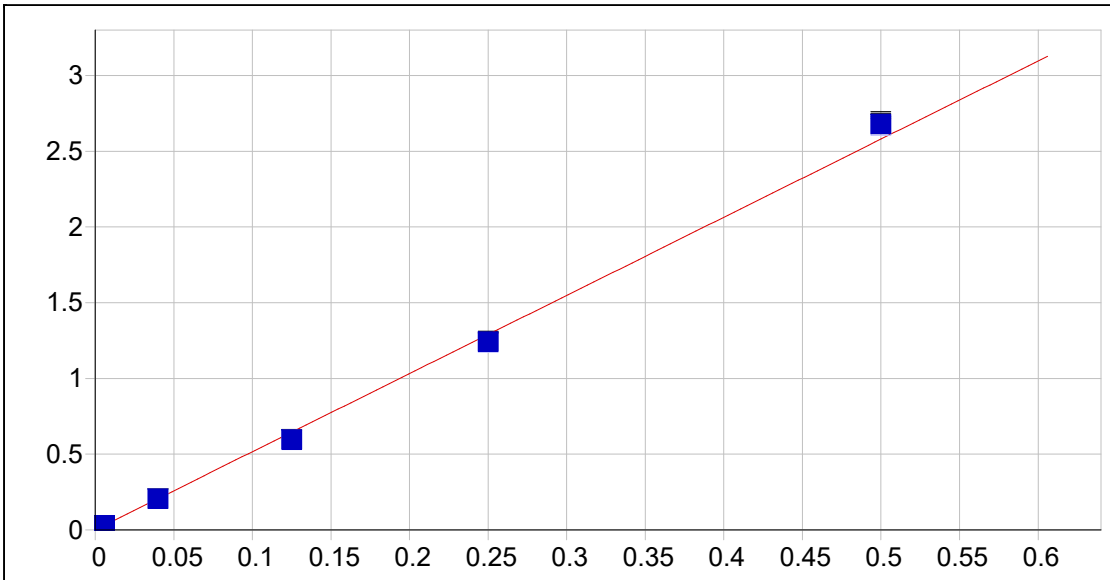
Ba 493.409 { 68}

Date of Fit:	6/4/2025 14:43:52	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.054705	Re-Slope:	1.000000
A1 (Gain):	2.878021	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999561	Status:	OK.
Std Error of Est:	0.006328		
Predicted MDL:	0.000916		
Predicted MQL:	0.003054		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.05475	.001	1
S1	.10000	.09381	-.006	-6.19	.32470	.006	1
S3	5.0000	4.8383	-.162	-3.23	13.979	.041	1
S4	10.000	9.7598	-.240	-2.40	28.144	.081	1
S5	20.000	20.518	.518	2.59	59.105	.702	1
S2	1.6000	1.4905	-.109	-6.84	4.3445	.020	1

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011



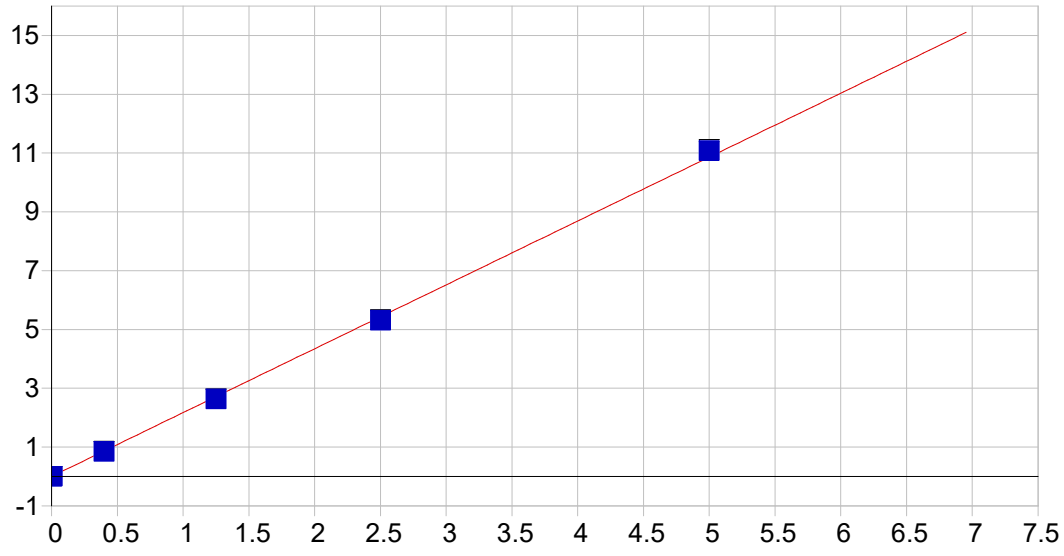
Be 234.861 {144}

Date of Fit:	6/4/2025 14:43:52	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000236	Re-Slope:	1.000000
A1 (Gain):	5.159413	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999007	Status:	OK.
Std Error of Est:	0.000659		
Predicted MDL:	0.000053		
Predicted MQL:	0.000177		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00024	.000	1
S1	.00600	.00594	-.000	-1.05	.03064	.001	1
S3	.12500	.11548	-.010	-7.62	.59314	.002	1
S4	.25000	.24061	-.009	-3.76	1.2358	.004	1
S5	.50000	.51917	.019	3.83	2.6673	.018	1
S2	.04000	.03981	-.000	-.473	.20471	.001	1

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011



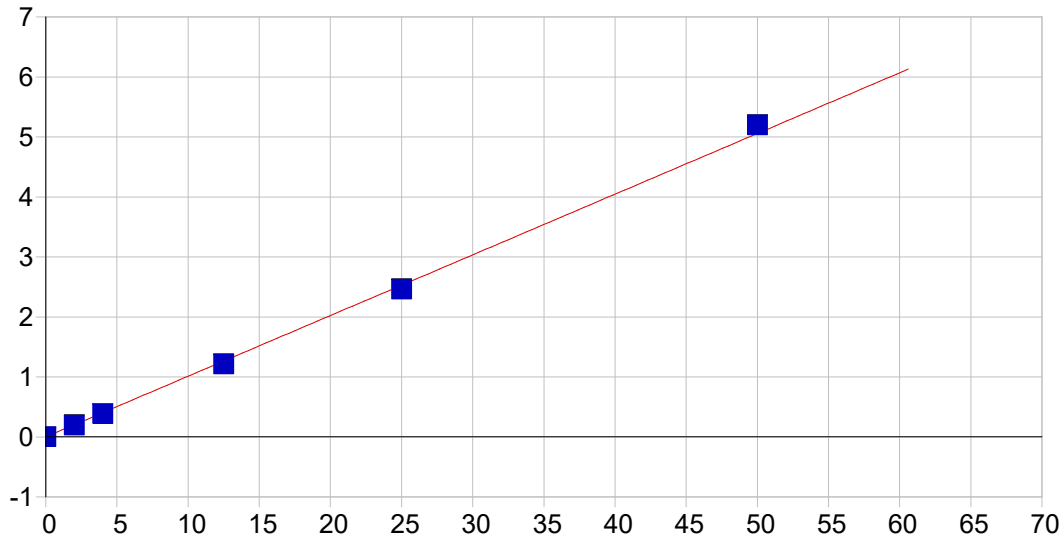
Cd 226.502 {449}

Date of Fit:	6/4/2025 14:43:52	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000097	Re-Slope:	1.000000
A1 (Gain):	2.172638	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999751	Status:	OK.
Std Error of Est:	0.000440		
Predicted MDL:	0.000104		
Predicted MQL:	0.000346		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00010	.000	1
S1	.00600	.00612	.000	1.97	.01345	.000	1
S3	1.2500	1.2122	-.038	-3.02	2.6359	.008	1
S4	2.5000	2.4435	-.057	-2.26	5.3132	.018	1
S5	5.0000	5.1009	.101	2.02	11.091	.037	1
S2	.40000	.39326	-.007	-1.69	.85519	.001	1

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011



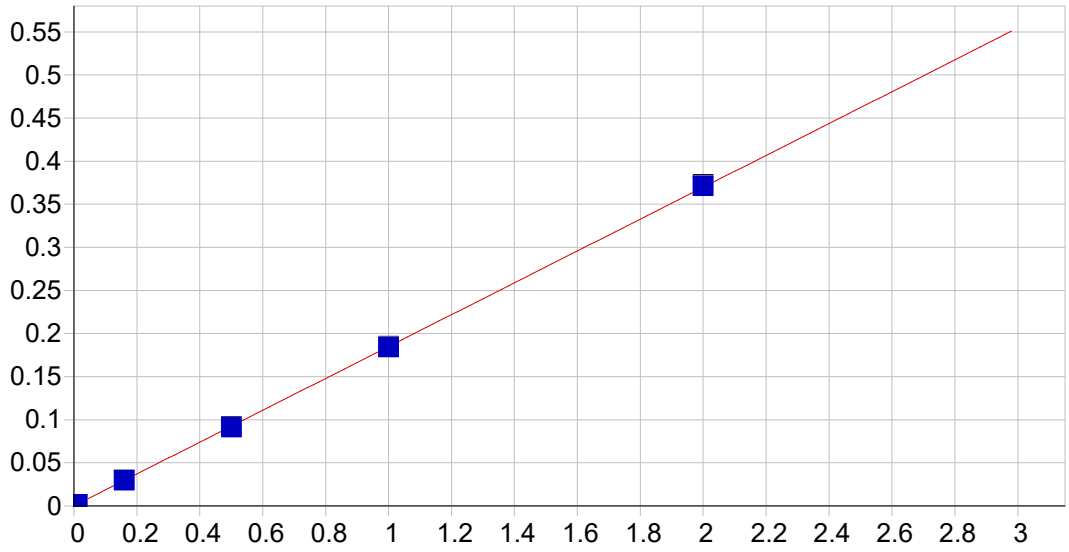
Ca 373.690 { 90}

Date of Fit:	6/4/2025 14:43:53	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000022	Re-Slope:	1.000000
A1 (Gain):	0.101139	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999536	Status:	OK.
Std Error of Est:	0.001630		
Predicted MDL:	0.006870		
Predicted MQL:	0.022900		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00022	.000	.000	.00000	.000	1
S2	4.0000	3.8293	-.171	-4.27	.38728	.001	1
S3	12.500	12.004	-.496	-3.97	1.2141	.001	1
S4	25.000	24.317	-.683	-2.73	2.4594	.007	1
S5	50.000	51.405	1.41	2.81	5.1991	.003	1
S1	2.0000	1.9438	-.056	-2.81	.19657	.003	1

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011



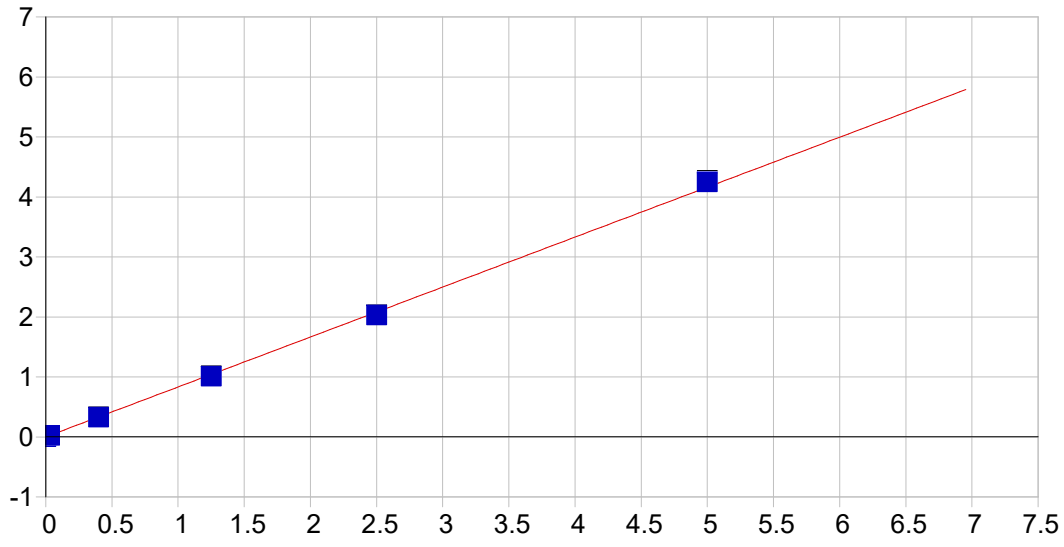
Cr 267.716 {126}

Date of Fit:	6/4/2025 14:43:53	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000071	Re-Slope:	1.000000
A1 (Gain):	0.184832	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999983	Status:	OK.
Std Error of Est:	0.000008		
Predicted MDL:	0.000438		
Predicted MQL:	0.001461		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00007	.000	1
S1	.01000	.01019	.000	1.88	.00196	.000	1
S3	.50000	.49415	-.006	-1.17	.09148	.000	1
S4	1.0000	.99649	-.004	-.351	.18440	.001	1
S5	2.0000	2.0086	.009	.431	.37162	.001	1
S2	.16000	.16055	.001	.346	.02977	.000	1

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011



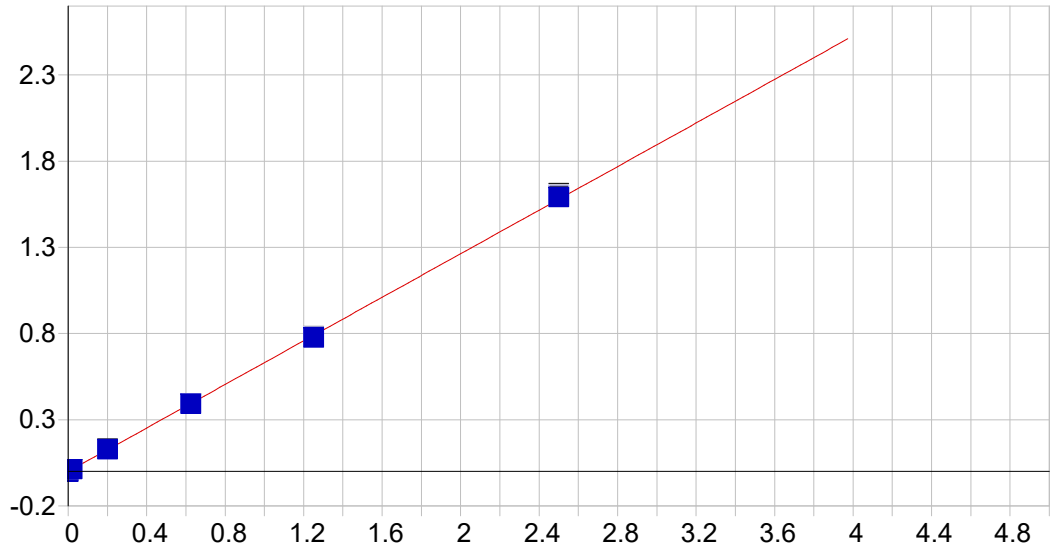
Co 228.616 {448}

Date of Fit:	6/4/2025 14:43:53	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000079	Re-Slope:	1.000000
A1 (Gain):	0.832452	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999737	Status:	OK.
Std Error of Est:	0.000389		
Predicted MDL:	0.000296		
Predicted MQL:	0.000986		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00008	.000	1
S1	.03000	.02963	-.000	-1.22	.02464	.000	1
S3	1.2500	1.2135	-.037	-2.92	1.0120	.002	1
S4	2.5000	2.4395	-.061	-2.42	2.0343	.008	1
S5	5.0000	5.1046	.105	2.09	4.2565	.017	1
S2	.40000	.39283	-.007	-1.79	.32765	.000	1

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011



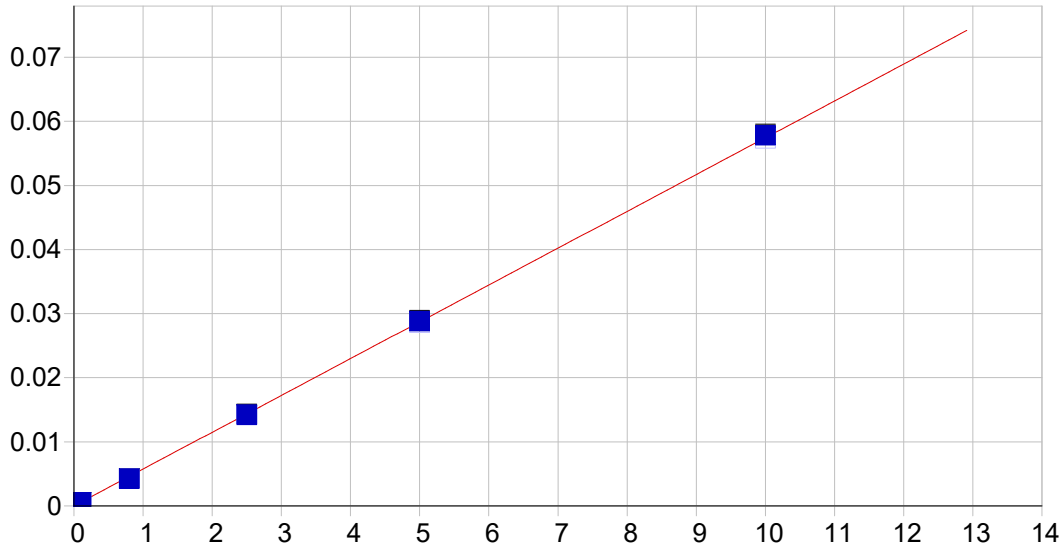
Cu 224.700 {450}

Date of Fit:	6/4/2025 14:43:53	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000697	Re-Slope:	1.000000
A1 (Gain):	0.631941	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999917	Status:	OK.
Std Error of Est:	0.000096		
Predicted MDL:	0.000475		
Predicted MQL:	0.001582		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00070	.000	1
S1	.02000	.02160	.002	8.01	.01308	.000	1
S3	.62500	.62043	-.005	-.731	.39426	.000	1
S4	1.2500	1.2287	-.021	-1.71	.78150	.003	1
S5	2.5000	2.5201	.020	.804	1.6034	.010	1
S2	.20000	.20420	.004	2.10	.12927	.001	1

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011



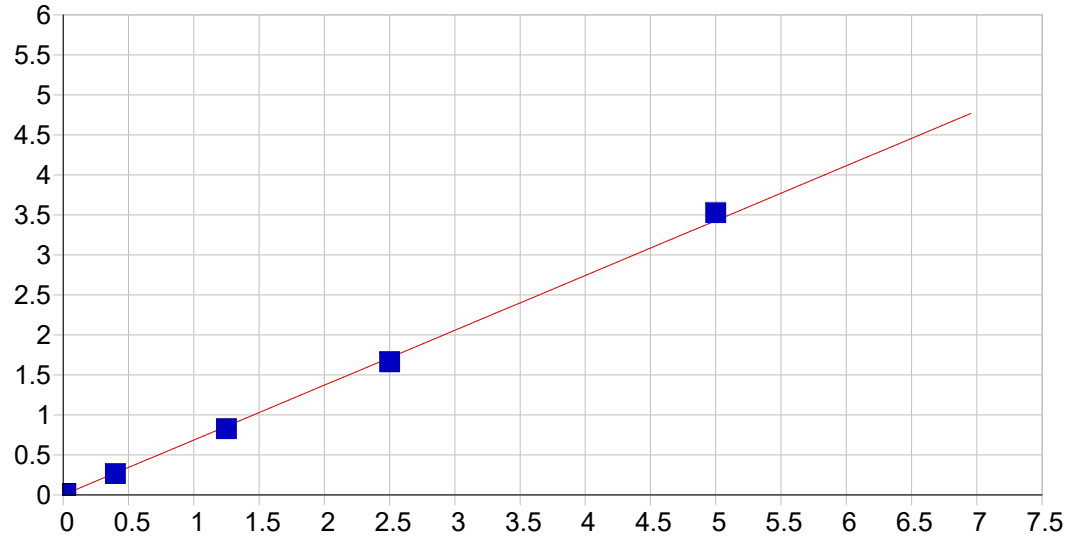
Fe 240.488 {140}

Date of Fit:	6/4/2025 14:43:53	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000009	Re-Slope:	1.000000
A1 (Gain):	0.005744	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999861	Status:	OK.
Std Error of Est:	0.000005		
Predicted MDL:	0.004846		
Predicted MQL:	0.016153		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00001	.000	1
S1	.10000	.10266	.003	2.66	.00059	.000	1
S3	2.5000	2.4804	-.020	-.786	.01413	.000	1
S4	5.0000	5.0128	.013	.257	.02856	.000	1
S5	10.000	10.063	.063	.633	.05732	.000	1
S2	.80000	.74085	-.059	-7.39	.00423	.000	1

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011



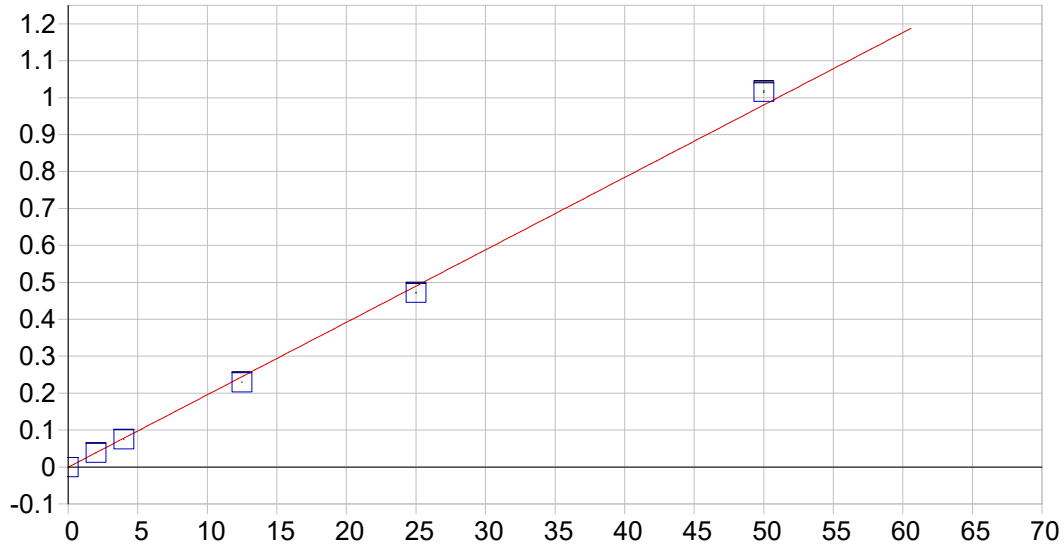
Mn 257.610 {131}

Date of Fit:	6/4/2025 14:43:53	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000409	Re-Slope:	1.000000
A1 (Gain):	0.685740	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999520	Status:	OK.
Std Error of Est:	0.000352		
Predicted MDL:	0.000339		
Predicted MQL:	0.001131		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00041	.000	1
S1	.02000	.01971	-.000	-1.45	.01393	.001	1
S3	1.2500	1.2016	-.048	-3.87	.82457	.001	1
S4	2.5000	2.4218	-.078	-3.13	1.6615	.005	1
S5	5.0000	5.1410	.141	2.82	3.5265	.007	1
S2	.40000	.38585	-.014	-3.54	.26506	.002	1

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011



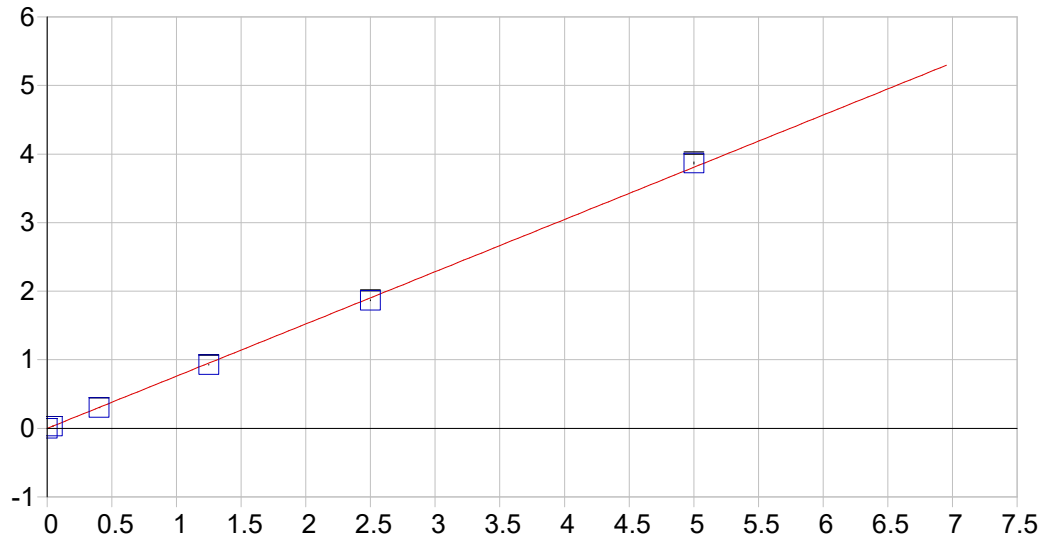
Mg 279.079 {121}

Date of Fit:	6/4/2025 14:43:53	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000618	Re-Slope:	1.000000
A1 (Gain):	0.019616	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999173	Status:	OK.
Std Error of Est:	0.000422		
Predicted MDL:	0.016104		
Predicted MQL:	0.053681		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00022	.000	.000	-.00061	.000	1
S2	4.0000	3.8348	-.165	-4.13	.07461	.000	1
S3	12.500	11.740	-.760	-6.08	.22967	.001	1
S4	25.000	24.090	-.910	-3.64	.47194	.002	1
S5	50.000	51.849	1.85	3.70	1.0165	.003	1
S1	2.0000	1.9861	-.014	-.697	.03834	.001	1

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011



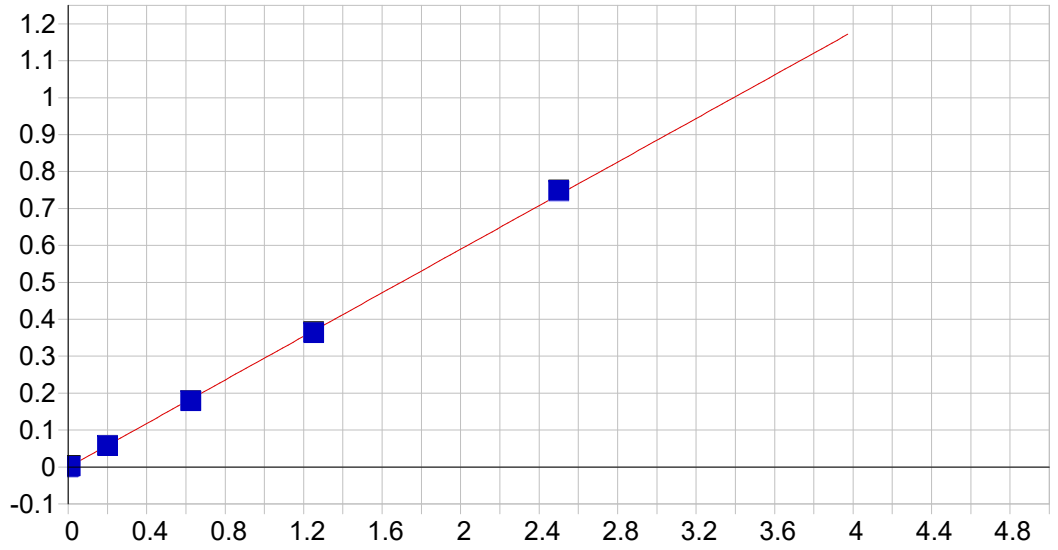
Ni 231.604 {446}

Date of Fit:	6/4/2025 14:43:53	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000528	Re-Slope:	1.000000
A1 (Gain):	0.761530	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999833	Status:	OK.
Std Error of Est:	0.000326		
Predicted MDL:	0.000318		
Predicted MQL:	0.001059		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00053	.000	1
S1	.04000	.04070	.001	1.75	.03047	.000	1
S3	1.2500	1.2188	-.031	-2.49	.92765	.004	1
S4	2.5000	2.4518	-.048	-1.93	1.8666	.007	1
S5	5.0000	5.0814	.081	1.63	3.8691	.015	1
S2	.40000	.39728	-.003	-.679	.30202	.001	1

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011



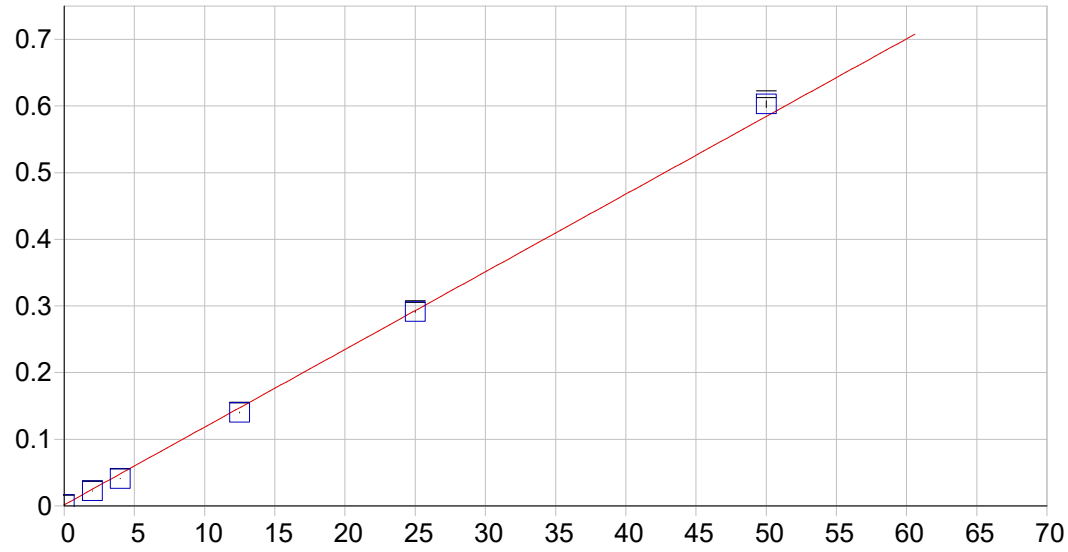
Ag 328.068 {103}

Date of Fit:	6/4/2025 14:43:53	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000255	Re-Slope:	1.000000
A1 (Gain):	0.294958	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999854	Status:	OK.
Std Error of Est:	0.000042		
Predicted MDL:	0.000446		
Predicted MQL:	0.001485		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00026	.000	1
S1	.01000	.00979	-.000	-2.11	.00261	.000	1
S3	.62500	.60631	-.019	-2.99	.17776	.000	1
S4	1.2500	1.2347	-.015	-1.22	.36230	.002	1
S5	2.5000	2.5368	.037	1.47	.74472	.002	1
S2	.20000	.19733	-.003	-1.34	.05769	.000	1

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011



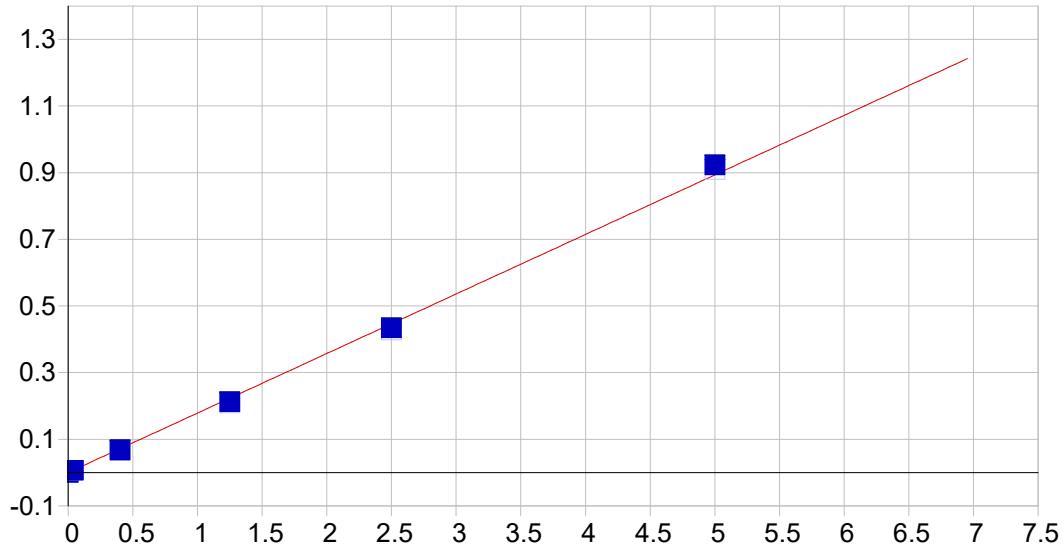
Na 589.592 { 57}

Date of Fit:	6/4/2025 14:43:53	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.001696	Re-Slope:	1.000000
A1 (Gain):	0.011653	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998898	Status:	OK.
Std Error of Est:	0.000290		
Predicted MDL:	0.020469		
Predicted MQL:	0.068230		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00058	.001	.000	.00170	.000	1
S2	4.0000	3.3732	-.627	-15.7	.04100	.000	1
S3	12.500	11.878	-.622	-4.97	.14011	.001	1
S4	25.000	24.879	-.121	-.485	.29161	.001	1
S5	50.000	51.595	1.60	3.19	.60293	.005	1
S1	2.0000	1.7743	-.226	-11.3	.02237	.000	1

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011



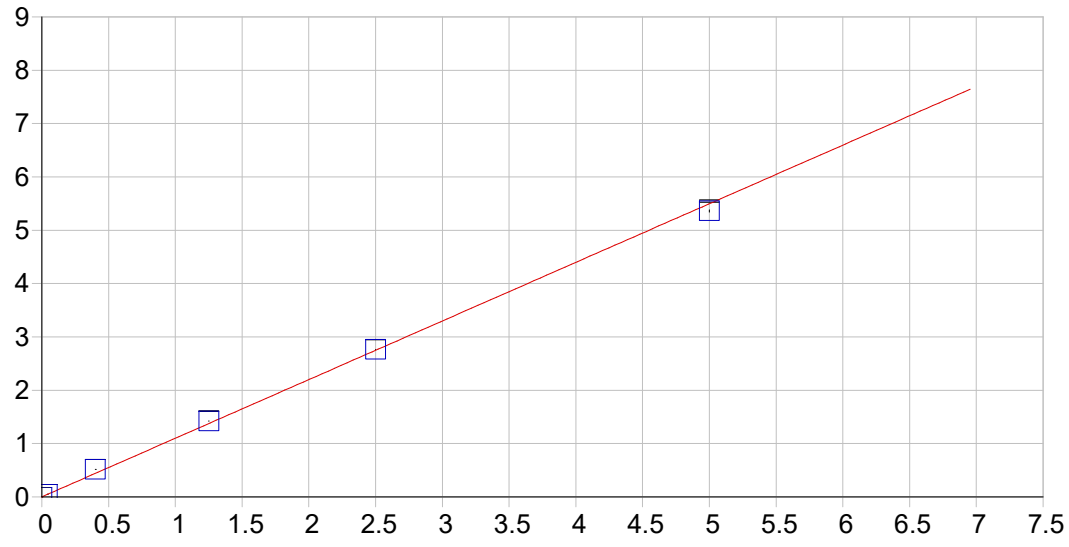
V 292.402 {115}

Date of Fit:	6/4/2025 14:43:53	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000030	Re-Slope:	1.000000
A1 (Gain):	0.178664	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999300	Status:	OK.
Std Error of Est:	0.000155		
Predicted MDL:	0.001936		
Predicted MQL:	0.006453		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00003	.000	1
S1	.04000	.03860	-.001	-3.51	.00666	.000	1
S3	1.2500	1.1844	-.066	-5.25	.20838	.001	1
S4	2.5000	2.4259	-.074	-2.96	.42694	.001	1
S5	5.0000	5.1647	.165	3.29	.90974	.000	1
S2	.40000	.37644	-.024	-5.89	.06624	.000	1

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011



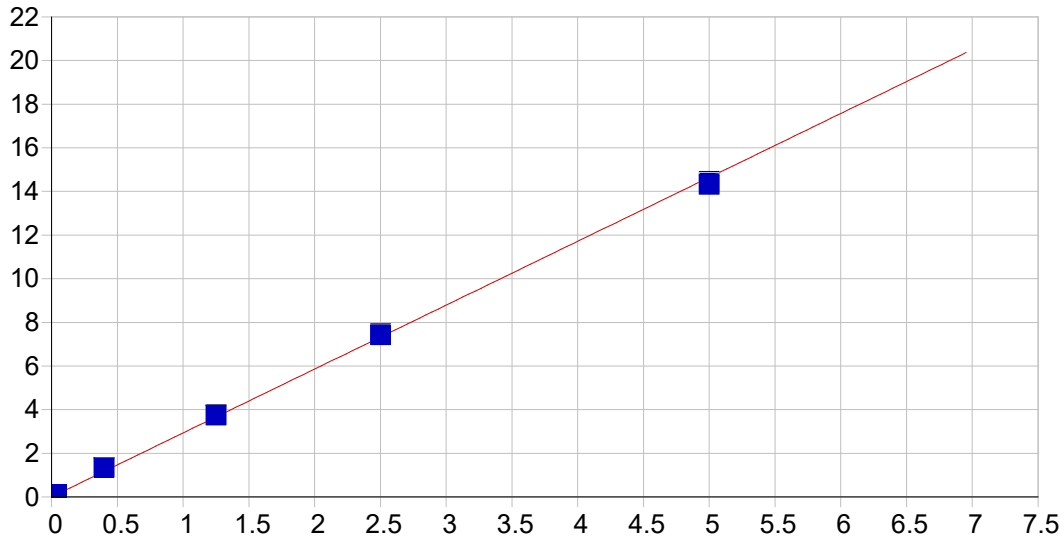
Zn 206.200 {464}

Date of Fit:	6/4/2025 14:43:53	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000960	Re-Slope:	1.000000
A1 (Gain):	1.099200	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999130	Status:	OK.
Std Error of Est:	0.001077		
Predicted MDL:	0.000186		
Predicted MQL:	0.000622		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00095	.000	1
S1	.04000	.04173	.002	4.32	.04683	.000	1
S3	1.2500	1.2915	.041	3.32	1.4206	.004	1
S4	2.5000	2.5129	.013	.514	2.7631	.004	1
S5	5.0000	4.8763	-.124	-2.47	5.3610	.019	1
S2	.40000	.46761	.068	16.9	.51496	.001	1

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011



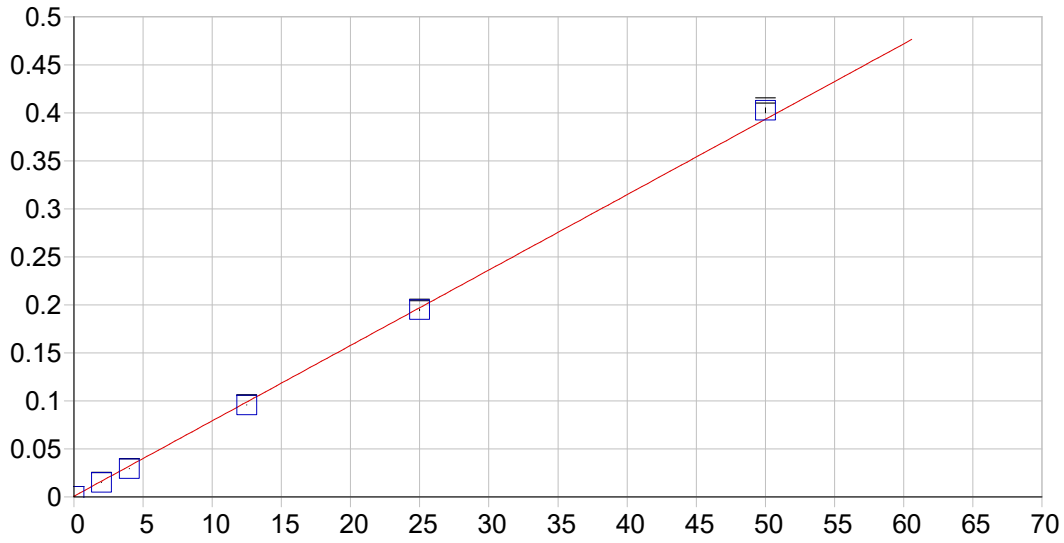
Zn 213.856 {158}

Date of Fit:	6/4/2025 14:43:53	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.003234	Re-Slope:	1.000000
A1 (Gain):	2.928441	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999414	Status:	OK.
Std Error of Est:	0.002370		
Predicted MDL:	0.000315		
Predicted MQL:	0.001052		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00321	.000	1
S1	.04000	.04073	.001	1.83	.12333	.000	1
S3	1.2500	1.2747	.025	1.98	3.7617	.011	1
S4	2.5000	2.5307	.031	1.23	7.4653	.034	1
S5	5.0000	4.8887	-.111	-2.23	14.421	.039	1
S2	.40000	.45505	.055	13.8	1.3440	.004	1

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011



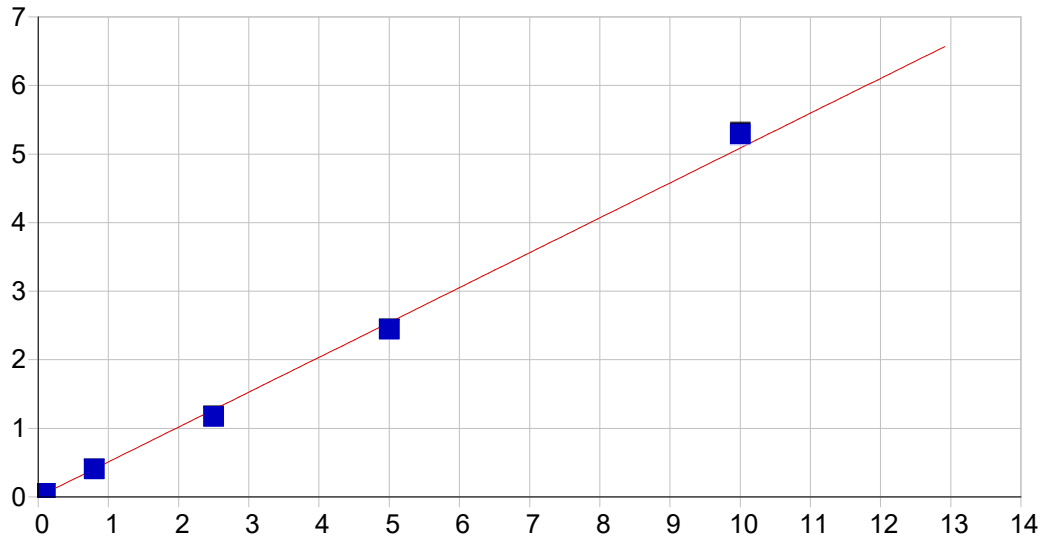
K 766.490 { 44}

Date of Fit:	6/4/2025 14:43:53	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000727	Re-Slope:	1.000000
A1 (Gain):	0.007852	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999534	Status:	OK.
Std Error of Est:	0.000127		
Predicted MDL:	0.038698		
Predicted MQL:	0.128995		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00037	.000	.000	.00073	.000	1
S2	4.0000	3.6557	-.344	-8.61	.02943	.000	1
S3	12.500	12.098	-.402	-3.22	.09572	.000	1
S4	25.000	24.724	-.276	-1.10	.19486	.001	1
S5	50.000	51.186	1.19	2.37	.40264	.003	1
S1	2.0000	1.8362	-.164	-8.19	.01514	.000	1

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011



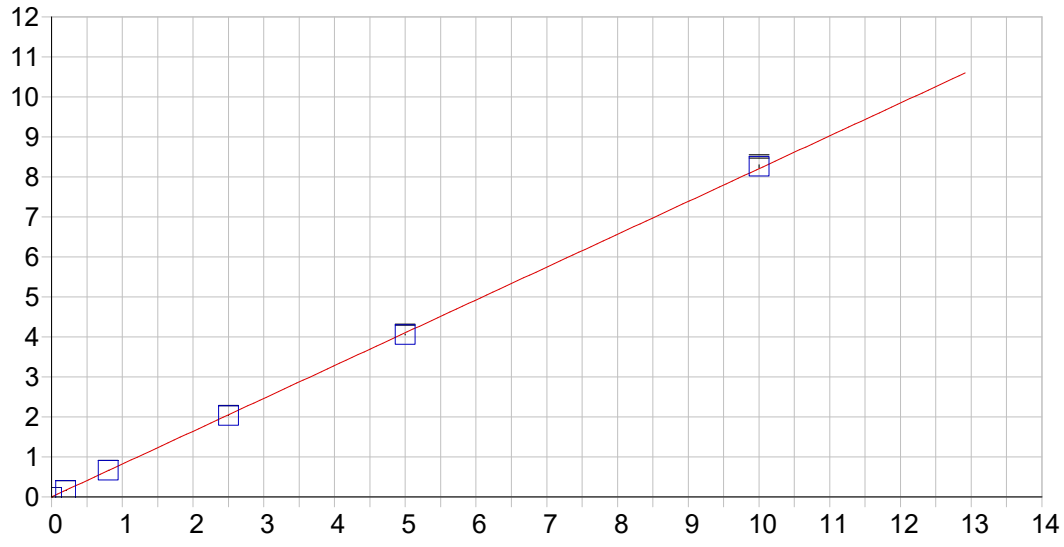
B 249.678 {135}

Date of Fit:	6/4/2025 14:43:53	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.001369	Re-Slope:	1.000000
A1 (Gain):	0.508497	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998915	Status:	OK.
Std Error of Est:	0.001240		
Predicted MDL:	0.000742		
Predicted MQL:	0.002473		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00138	.000	1
S1	.10000	.09574	-.004	-4.26	.04975	.001	1
S3	2.5000	2.3039	-.196	-7.85	1.1683	.006	1
S4	5.0000	4.8021	-.198	-3.96	2.4341	.009	1
S5	10.000	10.403	.403	4.03	5.2730	.030	1
S2	.80000	.79503	-.005	-.621	.40418	.003	1

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011



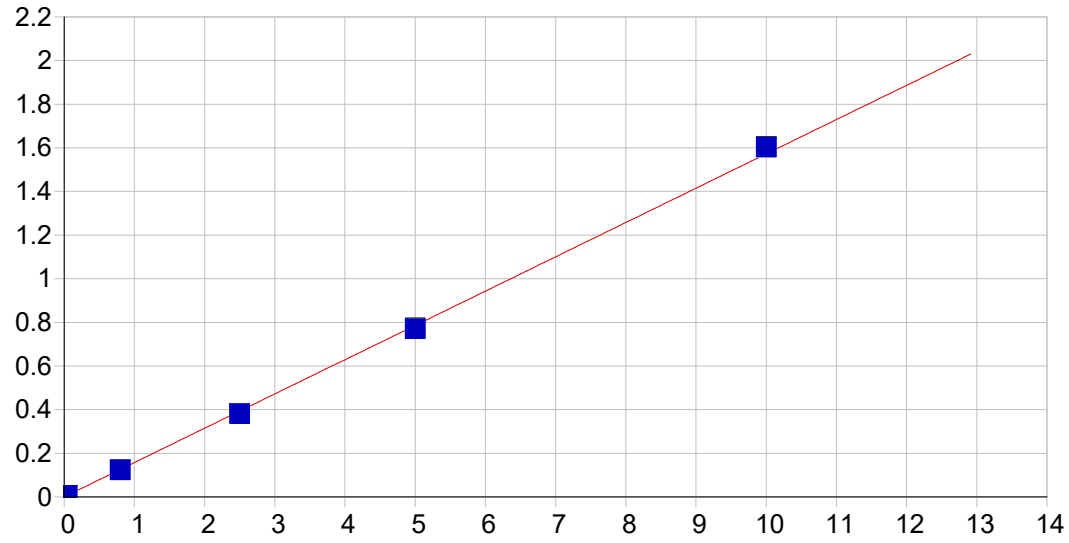
Mo 202.030 {467}

Date of Fit:	6/4/2025 14:43:53	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000281	Re-Slope:	1.000000
A1 (Gain):	0.820593	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999958	Status:	OK.
Std Error of Est:	0.000557		
Predicted MDL:	0.000264		
Predicted MQL:	0.000879		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00029	.000	1
S1	.20000	.19451	-.005	-2.75	.15989	.001	1
S3	2.5000	2.4799	-.020	-.803	2.0353	.005	1
S4	5.0000	4.9446	-.055	-1.11	4.0578	.012	1
S5	10.000	10.073	.073	.726	8.2658	.042	1
S2	.80000	.80834	.008	1.04	.66360	.001	1

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011



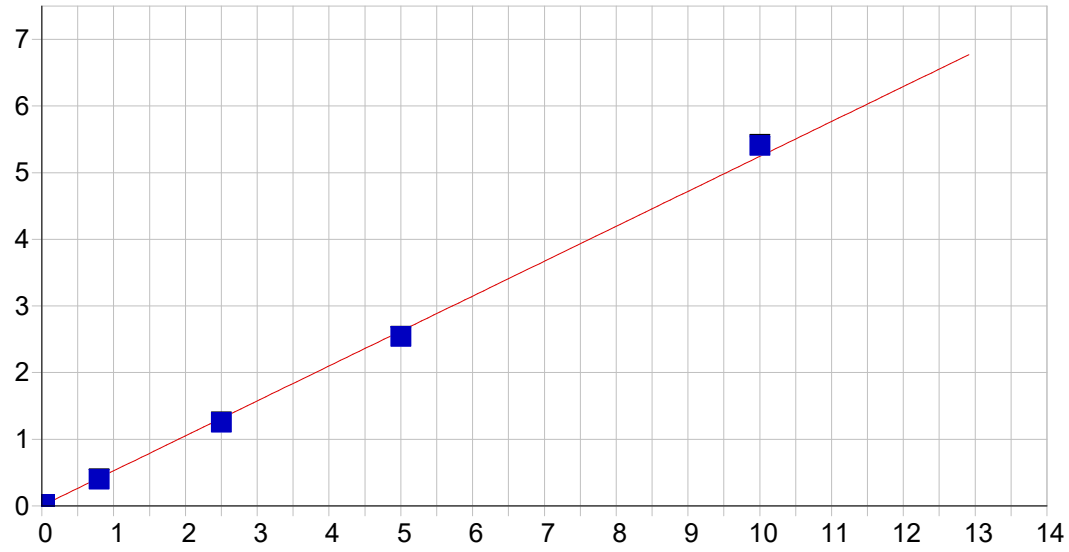
Sn 189.989 {478}

Date of Fit:	6/4/2025 14:43:53	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000467	Re-Slope:	1.000000
A1 (Gain):	0.157149	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999771	Status:	OK.
Std Error of Est:	0.000111		
Predicted MDL:	0.000736		
Predicted MQL:	0.002452		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00047	.000	1
S1	.04000	.03883	-.001	-2.92	.00656	.000	1
S3	2.5000	2.4259	-.074	-2.96	.38129	.001	1
S4	5.0000	4.9006	-.099	-1.99	.76979	.003	1
S5	10.000	10.193	.193	1.93	1.6007	.003	1
S2	.80000	.78128	-.019	-2.34	.12312	.000	1

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011



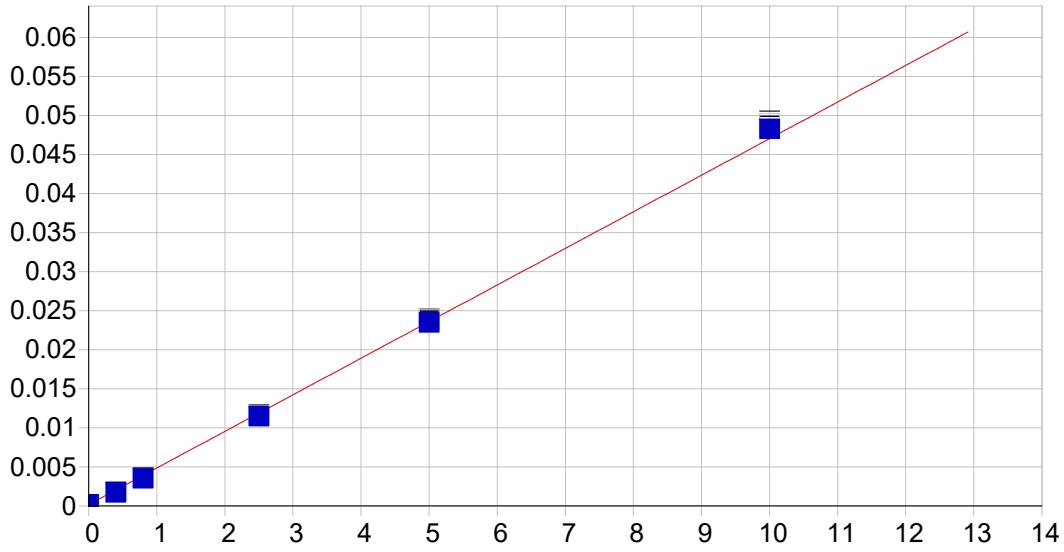
Ti 336.121 {100}

Date of Fit:	6/4/2025 14:43:53	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.002774	Re-Slope:	1.000000
A1 (Gain):	0.524137	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999403	Status:	OK.
Std Error of Est:	0.000600		
Predicted MDL:	0.000748		
Predicted MQL:	0.002492		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00278	.000	1
S1	.04000	.03706	-.003	-7.34	.02219	.001	1
S3	2.5000	2.3894	-.111	-4.42	1.2547	.002	1
S4	5.0000	4.8433	-.157	-3.13	2.5404	.006	1
S5	10.000	10.312	.312	3.12	5.4057	.017	1
S2	.80000	.75845	-.042	-5.19	.40015	.002	1

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011



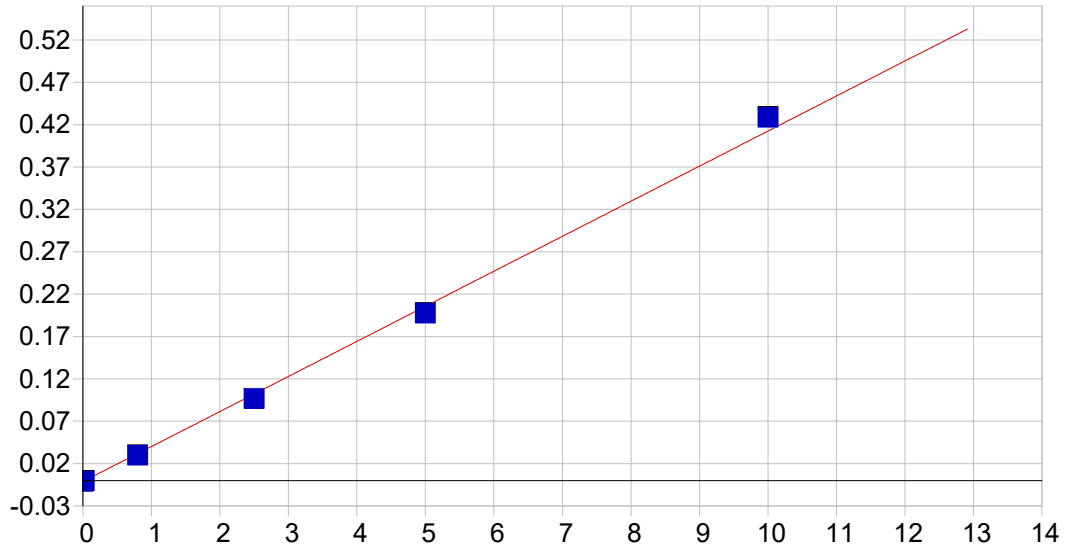
Si 288.158 {117}

Date of Fit:	6/4/2025 14:43:53	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000168	Re-Slope:	1.000000
A1 (Gain):	0.004686	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999197	Status:	OK.
Std Error of Est:	0.000020		
Predicted MDL:	0.010079		
Predicted MQL:	0.033596		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00012	.000	.000	.00017	.000	1
S1	.40000	.32992	-.070	-17.5	.00172	.000	1
S3	2.5000	2.4142	-.086	-3.43	.01166	.000	1
S4	5.0000	4.9762	-.024	-.475	.02384	.000	1
S5	10.000	10.262	.262	2.62	.04896	.000	1
S2	.80000	.71662	-.083	-10.4	.00358	.000	1

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011



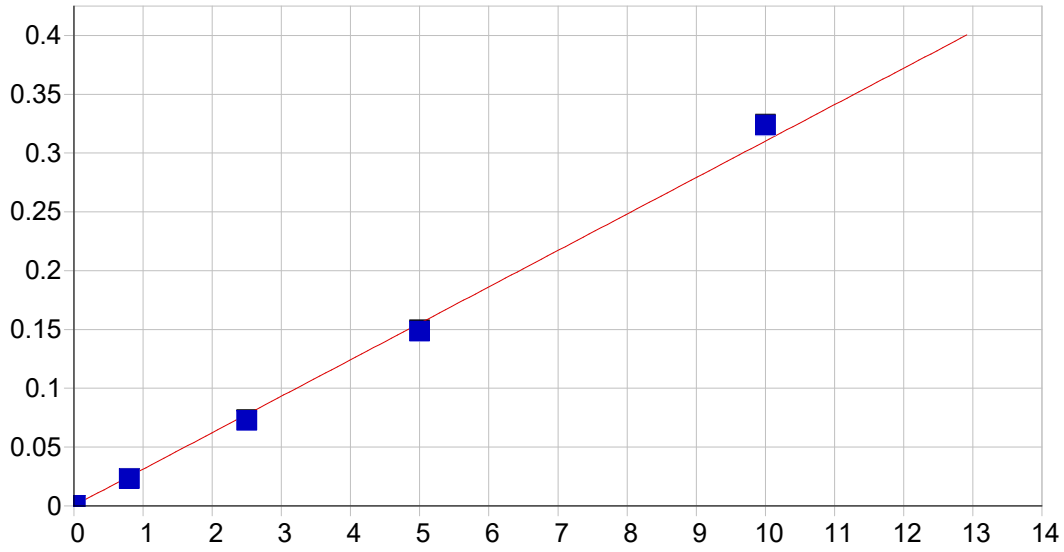
P 177.495 {490}

Date of Fit:	6/4/2025 14:43:53	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.001260	Re-Slope:	1.000000
A1 (Gain):	0.041370	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999073	Status:	OK.
Std Error of Est:	0.000042		
Predicted MDL:	0.002748		
Predicted MQL:	0.009161		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00126	.000	1
S1	.02000	.01941	-.001	-2.96	-.00046	.000	1
S3	2.5000	2.3614	-.139	-5.54	.09642	.000	1
S4	5.0000	4.8019	-.198	-3.96	.19736	.001	1
S5	10.000	10.389	.389	3.89	.42847	.001	1
S2	.80000	.74834	-.052	-6.46	.02969	.000	1

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011



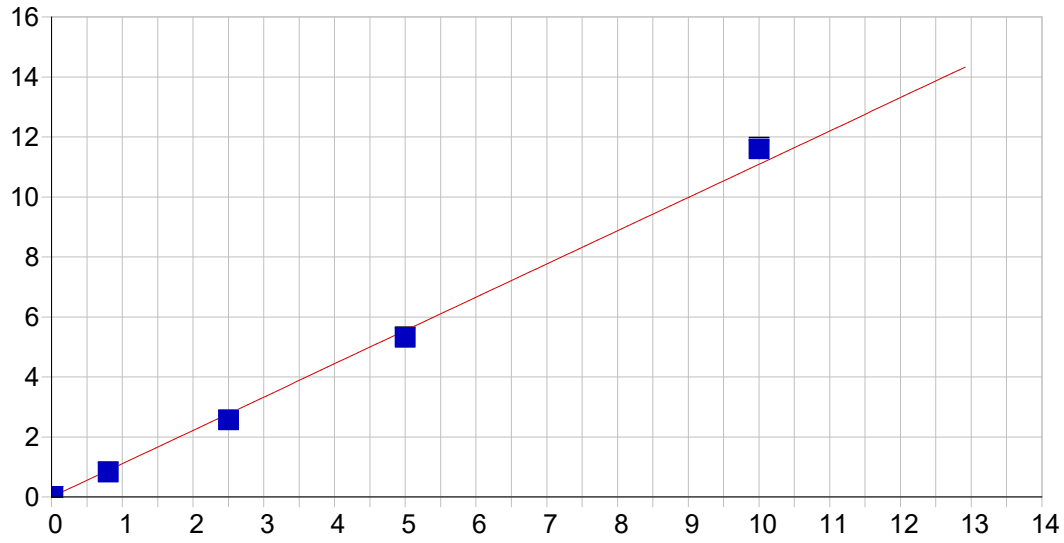
S 182.034 {485}

Date of Fit:	6/4/2025 14:43:53	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000287	Re-Slope:	1.000000
A1 (Gain):	0.030987	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998807	Status:	OK.
Std Error of Est:	0.000035		
Predicted MDL:	0.003338		
Predicted MQL:	0.011128		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00029	.000	1
S1	.02000	.01751	-.002	-12.5	.00080	.000	1
S3	2.5000	2.3377	-.162	-6.49	.07252	.000	1
S4	5.0000	4.7892	-.211	-4.22	.14829	.001	1
S5	10.000	10.437	.437	4.37	.32289	.001	1
S2	.80000	.73852	-.061	-7.69	.02311	.000	1

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011



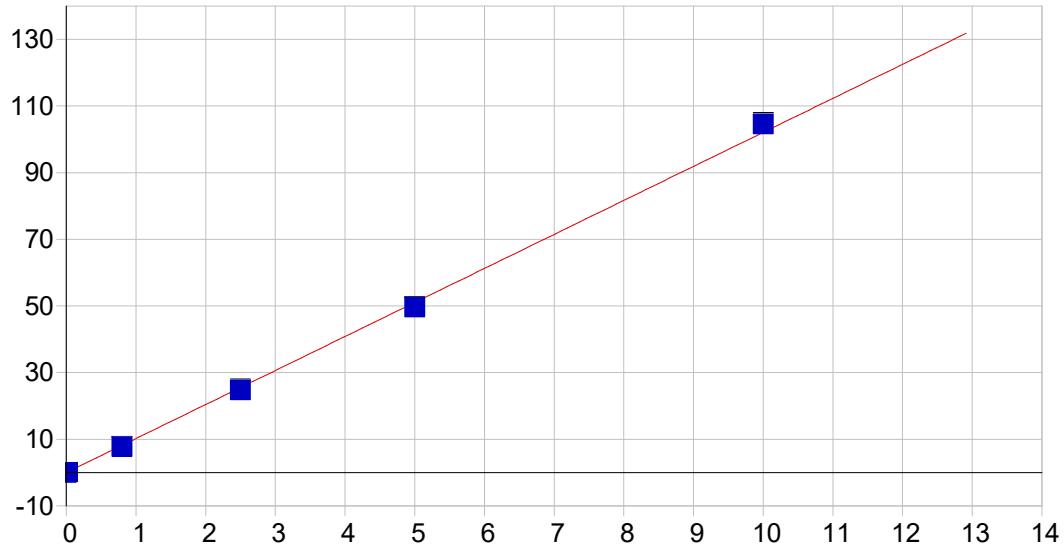
Li 670.784 { 50}

Date of Fit:	6/4/2025 14:43:53	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000904	Re-Slope:	1.000000
A1 (Gain):	1.108993	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998705	Status:	OK.
Std Error of Est:	0.001325		
Predicted MDL:	0.001104		
Predicted MQL:	0.003679		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00091	.001	1
S5	10.000	10.454	.454	4.54	11.600	.056	1
S4	5.0000	4.7919	-.208	-4.16	5.3178	.018	1
S3	2.5000	2.3117	-.188	-7.53	2.5659	.009	1
S1	.02000	.01893	-.001	-5.34	.02225	.001	1
S2	.80000	.74312	-.057	-7.11	.82546	.003	1

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011



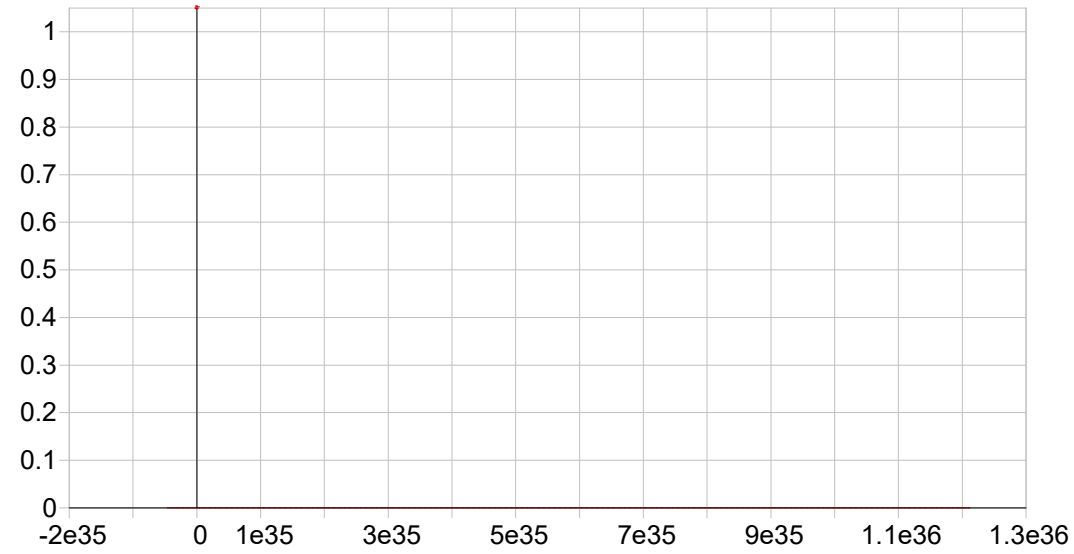
Sr 407.771 { 83}

Date of Fit:	6/4/2025 14:43:53	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000912	Re-Slope:	1.000000
A1 (Gain):	10.209315	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999630	Status:	OK.
Std Error of Est:	0.006519		
Predicted MDL:	0.000077		
Predicted MQL:	0.000255		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00090	.000	1
S1	.02000	.01987	-.000	-.660	.20291	.005	1
S3	2.5000	2.4299	-.070	-2.80	24.831	.241	1
S4	5.0000	4.8610	-.139	-2.78	49.676	.127	1
S5	10.000	10.246	.246	2.46	104.70	.310	1
S2	.80000	.76299	-.037	-4.63	7.7966	.039	1

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

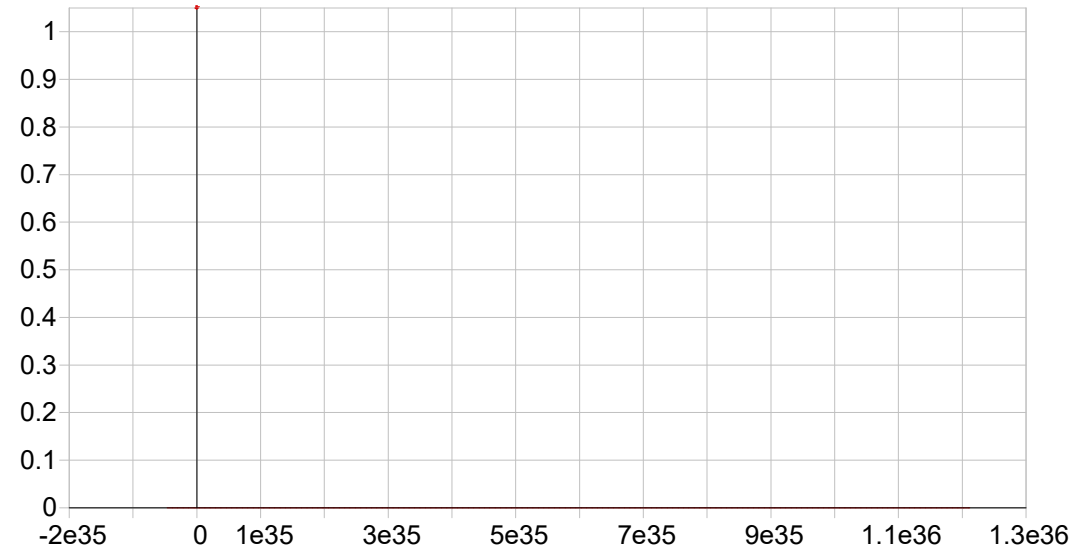


Y 224.306 {450}*

Date of Fit:	6/4/2025 14:09:28	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}*

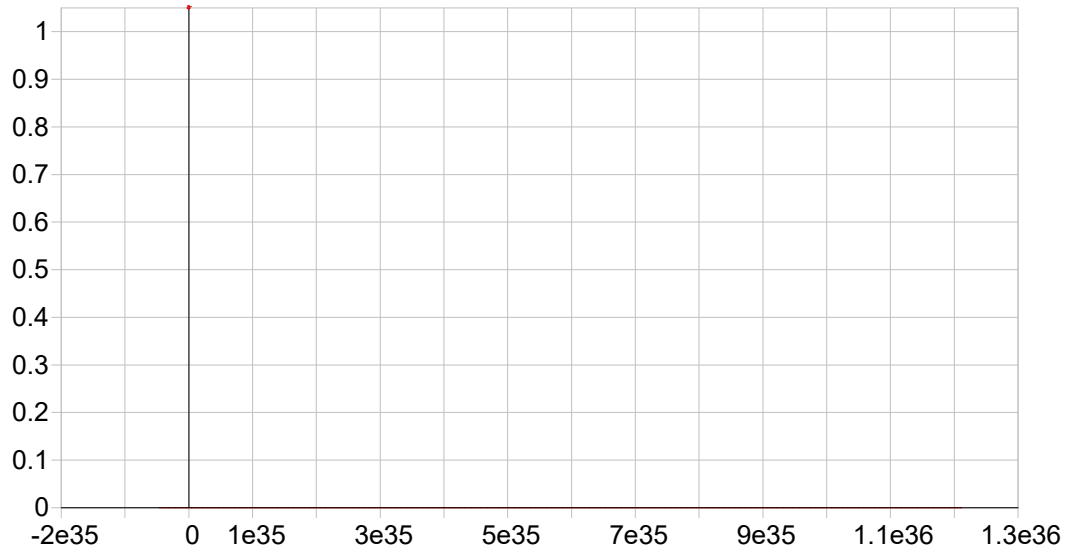
Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc

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

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

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



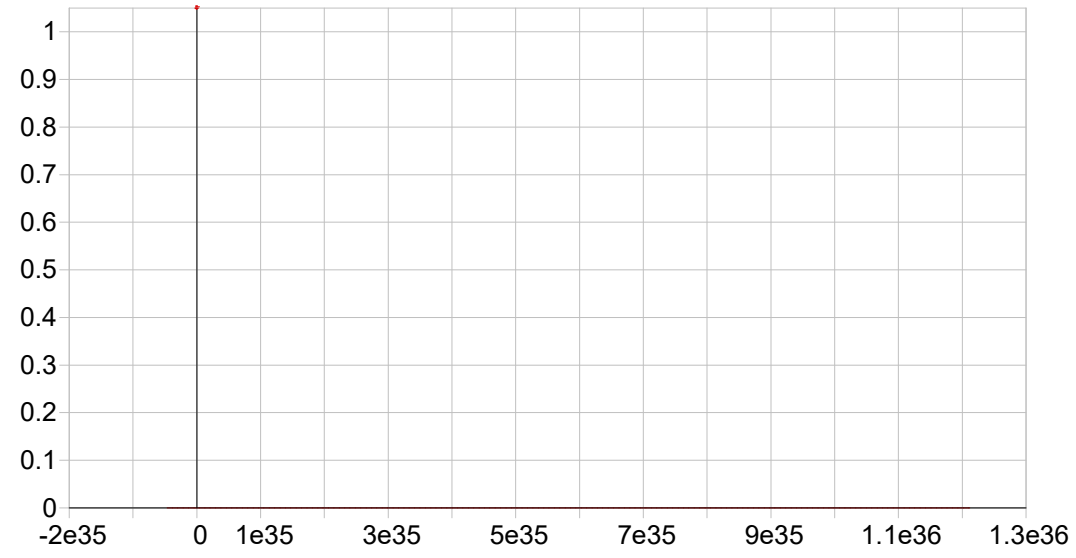
Y 371.030 { 91}*

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:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

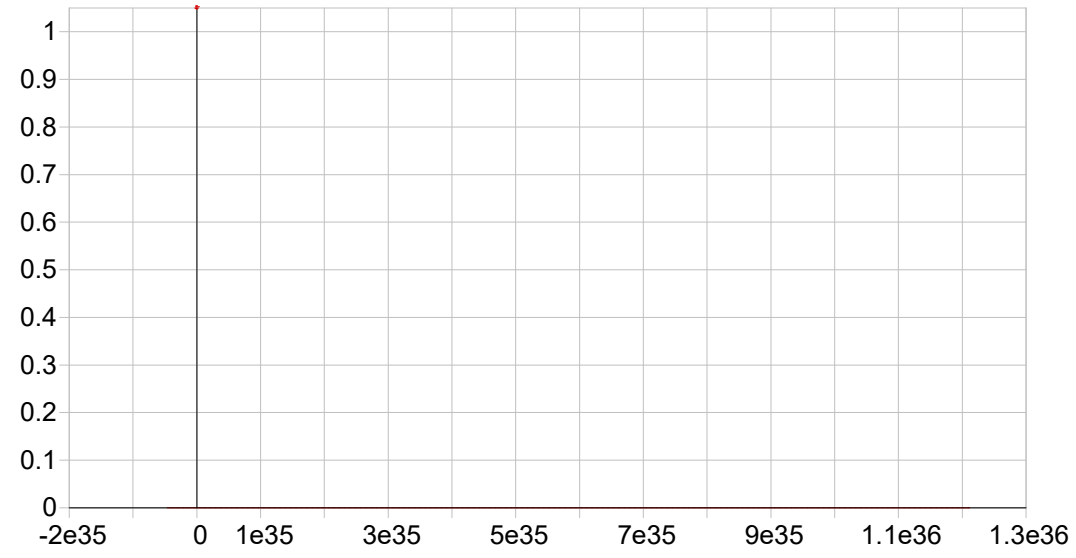


Y 224.306 {150}*

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:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

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:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: S0 Acquired: 6/4/2025 14:18:37 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v85) 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	**-.00003**	**.00018**	**.00000**	**.00053**	**-.00001**	**.00040**	**.05475**	**.00024**
Stddev	.00007	.00018	.00016	.00006	.00001	.00047	.00136	.00006
%RSD	194.10	101.80	5638.5	12.084	60.677	116.85	2.4830	24.844
#1	.00002	.00025	.00006	.00046	-.00002	.00087	.05611	.00017
#2	-.00002	-.00003	-.00018	.00056	-.00001	-.00007	.05476	.00028
#3	-.00011	.00031	.00013	.00057	-.00000	.00041	.05339	.00026

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	**.00010**	**.00000**	**.00007**	**.00008**	**-.00070**	**.00001**	**.00041**	**-.00061**
Stddev	.00024	.00003	.00002	.00012	.00012	.00001	.00008	.00027
%RSD	246.65	7423.7	31.957	145.87	17.902	79.635	19.879	43.644
#1	.00036	.00004	.00004	.00022	-.00083	.00000	.00039	-.00073
#2	-.00012	-.00002	.00009	.00000	-.00058	.00001	.00050	-.00080
#3	.00005	-.00001	.00008	.00002	-.00068	.00001	.00034	-.00031

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	**-.00053**	**-.00026**	**.00170**	**.00003**	**.00321**	**.00073**	**.00138**	**.00029**
Stddev	.00012	.00005	.00006	.00047	.00020	.00009	.00033	.00004
%RSD	23.577	19.919	3.6839	1496.7	6.0829	12.202	24.205	14.764
#1	-.00067	-.00031	.00168	.00041	.00339	.00074	.00143	.00033
#2	-.00043	-.00021	.00177	-.00049	.00325	.00064	.00168	.00028
#3	-.00048	-.00024	.00165	.00018	.00300	.00082	.00102	.00025

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	**.00047**	**.00278**	**.00017**	**-.00126**	**.00029**	**.00091**	**-.00090**
Stddev	.00003	.00027	.00003	.00007	.00007	.00074	.00026
%RSD	6.6342	9.8142	16.998	5.6079	24.805	81.219	28.641
#1	.00048	.00309	.00020	-.00124	.00035	.00174	-.00105
#2	.00043	.00263	.00014	-.00134	.00031	.00034	-.00104
#3	.00049	.00261	.00016	-.00120	.00021	.00064	-.00060

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: S0 Acquired: 6/4/2025 14:18:37 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v85) 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	**2973.8**	**61435.**	**10001.**	**2093.5**	**4133.2**
Stddev	13.3	312.	70.	8.1	16.6
%RSD	.44581	.50822	.69504	.38643	.40072
#1	2979.5	61731.	9933.2	2099.1	4143.6
#2	2983.2	61109.	9996.6	2084.2	4141.9
#3	2958.6	61464.	10072.	2097.2	4114.1

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: S1 Acquired: 6/4/2025 14:23:01 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v85) 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	**.00114**	**.00315**	**.00261**	**.00203**	**.00586**	**.01500**	**.32470**	**.03064**
Stddev	.00017	.00013	.00011	.00014	.00005	.00030	.00559	.00063
%RSD	15.097	4.1211	4.3566	6.7302	.89995	1.9701	1.7227	2.0550
#1	.00129	.00305	.00267	.00217	.00581	.01466	.33116	.03128
#2	.00095	.00310	.00268	.00190	.00592	.01521	.32128	.03061
#3	.00119	.00330	.00248	.00202	.00585	.01512	.32167	.03002

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	**.01345**	**.19657**	**.00196**	**.02464**	**.01308**	**.00059**	**.01393**	**.03834**
Stddev	.00010	.00347	.00003	.00049	.00036	.00002	.00060	.00069
%RSD	.75119	1.7666	1.4587	1.9824	2.7733	2.8543	4.3095	1.7910
#1	.01334	.20055	.00197	.02408	.01287	.00060	.01462	.03913
#2	.01345	.19498	.00192	.02486	.01350	.00057	.01360	.03802
#3	.01354	.19418	.00198	.02498	.01287	.00061	.01357	.03787

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	**.03047**	**.00261**	**.02237**	**.00666**	**.12333**	**.01514**	**.04975**	**.15989**
Stddev	.00032	.00013	.00014	.00040	.00032	.00023	.00108	.00085
%RSD	1.0571	4.9799	.64744	6.0789	.25732	1.5327	2.1625	.53222
#1	.03011	.00246	.02235	.00687	.12302	.01532	.05095	.15926
#2	.03054	.00272	.02224	.00691	.12332	.01488	.04946	.15956
#3	.03074	.00265	.02253	.00619	.12366	.01523	.04886	.16086

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	**.00656**	**.02219**	**.00172**	**-.00046**	**.00080**	**.02225**	**.20291**
Stddev	.00010	.00056	.00004	.00013	.00007	.00093	.00458
%RSD	1.5878	2.5116	2.0764	29.012	8.9028	4.2011	2.2554
#1	.00650	.02237	.00172	-.00038	.00072	.02135	.20801
#2	.00651	.02262	.00168	-.00038	.00086	.02220	.20155
#3	.00668	.02156	.00175	-.00061	.00083	.02321	.19916

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: S1 Acquired: 6/4/2025 14:23:01 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v85) 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	2943.6	62721.	9448.8	2114.4	4067.7
Stddev	5.2	307.	156.1	7.0	7.4
%RSD	.17673	.48900	1.6520	.33226	.18307
#1	2949.5	62697.	9268.6	2108.4	4076.2
#2	2941.8	63038.	9536.2	2122.1	4062.3
#3	2939.6	62426.	9541.6	2112.6	4064.7

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: S2 Acquired: 6/4/2025 14:27:21 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v85) 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	**.04839**	**.06417**	**.18119**	**.05935**	**.08993**	**.21845**	**4.3445**	**.20471**
Stddev	.00020	.00022	.00054	.00032	.00056	.00201	.0200	.00137
%RSD	.41859	.33610	.29599	.53201	.62160	.91996	.45990	.66881
#1	.04858	.06396	.18178	.05953	.09046	.21720	4.3227	.20435
#2	.04841	.06416	.18106	.05899	.08998	.22077	4.3620	.20623
#3	.04818	.06439	.18073	.05954	.08935	.21738	4.3486	.20356

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	**.85519**	**.38728**	**.02977**	**.32765**	**.12927**	**.00423**	**.26506**	**.07461**
Stddev	.00107	.00140	.00003	.00012	.00052	.00000	.00167	.00016
%RSD	.12461	.36086	.09627	.03803	.40406	.07916	.62987	.21994
#1	.85642	.38646	.02975	.32765	.12937	.00423	.26362	.07447
#2	.85460	.38889	.02980	.32753	.12973	.00422	.26689	.07479
#3	.85454	.38648	.02976	.32778	.12870	.00422	.26466	.07456

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	**.30202**	**.05769**	**.04100**	**.06624**	**1.3440**	**.02943**	**.40418**	**.66360**
Stddev	.00072	.00029	.00019	.00040	.0038	.00021	.00252	.00134
%RSD	.23901	.49898	.46197	.60435	.28252	.72716	.62228	.20158
#1	.30266	.05784	.04089	.06646	1.3466	.02959	.40246	.66513
#2	.30123	.05786	.04090	.06649	1.3396	.02919	.40706	.66302
#3	.30215	.05735	.04122	.06578	1.3457	.02951	.40301	.66265

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	**.12312**	**.40015**	**.00358**	**.02969**	**.02311**	**.82546**	**7.7966**
Stddev	.00021	.00229	.00002	.00020	.00012	.00266	.0392
%RSD	.16678	.57172	.53213	.68511	.52869	.32257	.50298
#1	.12291	.39764	.00358	.02978	.02322	.82367	7.7615
#2	.12332	.40211	.00360	.02946	.02298	.82852	7.8389
#3	.12311	.40072	.00357	.02984	.02313	.82420	7.7893

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: S2 Acquired: 6/4/2025 14:27:21 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v85) 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	**2968.0**	**63658.**	**9124.4**	**2122.9**	**4104.9**
Stddev	8.3	132.	41.2	3.0	5.4
%RSD	.27970	.20738	.45117	.14283	.13095
#1	2958.4	63525.	9128.3	2119.4	4098.7
#2	2972.7	63659.	9081.5	2124.7	4107.8
#3	2972.8	63789.	9163.5	2124.6	4108.2

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: S3 Acquired: 6/4/2025 14:31:24 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v85) 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	.14947	.19865	.55999	.18172	.27802	.67601	13.979	.59314
Stddev	.00059	.00159	.00247	.00047	.00074	.00197	.041	.00219
%RSD	.39637	.79994	.44149	.26070	.26557	.29155	.29600	.36881
#1	.14899	.19760	.55834	.18152	.27719	.67616	14.020	.59079
#2	.14929	.19787	.55880	.18138	.27827	.67790	13.982	.59512
#3	.15013	.20048	.56284	.18226	.27860	.67397	13.937	.59351

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	2.6359	1.2141	.09148	1.0120	.39426	.01413	.82457	.22967
Stddev	.0084	.0014	.00012	.0024	.00042	.00007	.00098	.00090
%RSD	.31866	.11823	.12648	.24003	.10556	.49253	.11832	.39045
#1	2.6299	1.2126	.09148	1.0100	.39397	.01416	.82357	.22865
#2	2.6324	1.2155	.09159	1.0113	.39408	.01405	.82552	.23006
#3	2.6455	1.2140	.09136	1.0147	.39474	.01418	.82461	.23031

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	.92765	.17776	.14011	.20838	3.7617	.09572	1.1683	2.0353
Stddev	.00435	.00035	.00057	.00066	.0108	.00019	.0057	.0053
%RSD	.46916	.19599	.40977	.31540	.28705	.19624	.49243	.26157
#1	.92404	.17736	.14072	.20905	3.7495	.09564	1.1617	2.0319
#2	.92642	.17801	.14005	.20835	3.7702	.09594	1.1716	2.0326
#3	.93248	.17790	.13958	.20773	3.7653	.09559	1.1717	2.0414

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	.38129	1.2547	.01166	.09642	.07252	2.5659	24.831
Stddev	.00132	.0016	.00002	.00032	.00044	.0091	.241
%RSD	.34690	.12699	.19234	.32895	.60835	.35436	.97225
#1	.38039	1.2549	.01167	.09651	.07214	2.5754	24.783
#2	.38067	1.2561	.01167	.09606	.07242	2.5651	25.093
#3	.38281	1.2530	.01163	.09667	.07301	2.5573	24.617

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: S3 Acquired: 6/4/2025 14:31:24 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v85) 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	2937.2	62216.	9635.6	2071.9	4002.3
Stddev	5.4	166.	48.6	11.8	12.4
%RSD	.18445	.26675	.50394	.56886	.31104
#1	2942.5	62378.	9680.2	2083.7	4013.2
#2	2937.4	62046.	9583.8	2060.2	4005.1
#3	2931.7	62226.	9642.8	2071.9	3988.7

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: S4 Acquired: 6/4/2025 14:35:30 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v85) 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	.30094	.39882	1.1210	.36244	.55658	1.3886	28.144	1.2358
Stddev	.00076	.00149	.0033	.00164	.00178	.0032	.081	.0043
%RSD	.25117	.37252	.29743	.45231	.31989	.23338	.28942	.34621
#1	.30046	.40052	1.1174	.36089	.55521	1.3881	28.100	1.2327
#2	.30055	.39778	1.1216	.36227	.55594	1.3920	28.238	1.2407
#3	.30181	.39815	1.1240	.36416	.55860	1.3856	28.094	1.2341

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	5.3132	2.4594	.18440	2.0343	.78150	.02856	1.6615	.47194
Stddev	.0181	.0068	.00071	.0080	.00278	.00018	.0045	.00207
%RSD	.34072	.27482	.38559	.39538	.35560	.62799	.27218	.43818
#1	5.2957	2.4535	.18395	2.0264	.77862	.02839	1.6573	.46956
#2	5.3119	2.4668	.18522	2.0340	.78173	.02875	1.6663	.47326
#3	5.3319	2.4580	.18404	2.0425	.78417	.02853	1.6608	.47299

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	1.8666	.36230	.29161	.42694	7.4653	.19486	2.4341	4.0578
Stddev	.0066	.00181	.00113	.00065	.0336	.00080	.0087	.0122
%RSD	.35483	.49938	.38614	.15134	.44997	.41193	.35904	.30145
#1	1.8599	.36045	.29202	.42623	7.4358	.19471	2.4241	4.0483
#2	1.8667	.36407	.29247	.42750	7.5018	.19573	2.4405	4.0535
#3	1.8731	.36238	.29033	.42709	7.4582	.19414	2.4376	4.0716

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	.76979	2.5404	.02384	.19736	.14829	5.3178	49.676
Stddev	.00322	.0059	.00010	.00075	.00097	.0176	.127
%RSD	.41839	.23016	.44046	.37941	.65559	.33188	.25524
#1	.76711	2.5360	.02374	.19703	.14782	5.3249	49.612
#2	.76890	2.5470	.02395	.19684	.14764	5.3308	49.822
#3	.77336	2.5381	.02383	.19822	.14941	5.2977	49.594

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: S4 Acquired: 6/4/2025 14:35:30 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v85) 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	**2885.5**	**59395.**	**9181.3**	**2005.2**	**3870.1**
Stddev	6.2	298.	32.7	7.3	10.4
%RSD	.21618	.50139	.35596	.36504	.26754
#1	2890.1	59644.	9212.3	2010.5	3878.8
#2	2887.9	59065.	9147.2	1996.9	3872.9
#3	2878.4	59475.	9184.5	2008.4	3858.7

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: S5 Acquired: 6/4/2025 14:39:41 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v85) 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	**.63040**	**.81314**	**2.3319**	**.75727**	**1.1559**	**2.9654**	**59.105**	**2.6673**
Stddev	.00337	.00825	.0082	.00344	.0074	.0089	.702	.0176
%RSD	.53412	1.0151	.35157	.45397	.64140	.30038	1.1876	.66177
#1	.62872	.81225	2.3285	.75424	1.1498	2.9721	59.203	2.6748
#2	.62821	.82180	2.3260	.75657	1.1537	2.9689	58.359	2.6799
#3	.63428	.80537	2.3413	.76101	1.1642	2.9553	59.752	2.6471

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	**11.091**	**5.1991**	**.37162**	**4.2565**	**1.6034**	**.05732**	**3.5265**	**1.0165**
Stddev	.037	.0027	.00128	.0170	.0101	.00019	.0070	.0032
%RSD	.33360	.05292	.34471	.39967	.63276	.33646	.19723	.31242
#1	11.071	5.1993	.37292	4.2442	1.5971	.05737	3.5299	1.0151
#2	11.068	5.2017	.37036	4.2493	1.5980	.05711	3.5311	1.0201
#3	11.134	5.1962	.37159	4.2759	1.6151	.05749	3.5185	1.0142

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	**3.8691**	**.74472**	**.60293**	**.90974**	**14.421**	**.40264**	**5.2730**	**8.2658**
Stddev	.0150	.00200	.00517	.00041	.039	.00258	.0303	.0421
%RSD	.38767	.26846	.85783	.04503	.26991	.64149	.57378	.50881
#1	3.8598	.74657	.60655	.91006	14.419	.40422	5.2878	8.2394
#2	3.8611	.74260	.59700	.90989	14.384	.39966	5.2931	8.2437
#3	3.8864	.74500	.60523	.90928	14.462	.40403	5.2382	8.3143

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	**1.6007**	**5.4057**	**.04896**	**.42847**	**.32289**	**11.600**	**104.70**
Stddev	.0029	.0171	.00033	.00107	.00079	.056	.31
%RSD	.17856	.31635	.66952	.24865	.24575	.48250	.29583
#1	1.5991	5.4222	.04880	.42744	.32227	11.661	104.81
#2	1.5991	5.4068	.04874	.42957	.32262	11.589	104.95
#3	1.6040	5.3880	.04934	.42839	.32379	11.551	104.36

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: S5 Acquired: 6/4/2025 14:39:41 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v85) 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	**2745.2**	**57581.**	**8445.0**	**1938.2**	**3592.8**
Stddev	17.7	208.	31.2	9.1	17.1
%RSD	.64561	.36056	.36944	.47048	.47456
#1	2756.6	57494.	8433.6	1941.8	3604.8
#2	2754.4	57818.	8421.1	1945.0	3600.3
#3	2724.8	57432.	8480.3	1927.9	3573.3

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: ICV01 Acquired: 6/4/2025 15:49:05 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	**1.002667**	**1.004249**	**.9759463**	**1.000720**	**1.022481**	**2.466661**
Stddev	.005057	.006041	.0059139	.010122	.005060	.008478
%RSD	.5043218	.6015767	.6059619	1.011445	.4948858	.3436975
#1	1.000422	1.003283	.9744313	1.007960	1.020567	2.465441
#2	.999121	.998748	.9709372	.989154	1.018656	2.475683
#3	1.008457	1.010715	.9824702	1.005047	1.028219	2.458859

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5515456**	**.4716938**	**.4998867**	**9.521771**	**.5180359**	**.5210369**
Stddev	.0033207	.0034791	.0029522	.053060	.0010385	.0033592
%RSD	.6020772	.7375734	.5905640	.5572495	.2004742	.6447210
#1	.5538031	.4724109	.4995583	9.519775	.5170025	.5204768
#2	.5531009	.4747585	.4971125	9.575801	.5180256	.5179929
#3	.5477326	.4679121	.5029894	9.469737	.5190795	.5246410

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5273067**	**10.05478**	**.4995387**	**5.936393**	**.5320803**	**.2342937**
Stddev	.0030816	.03361	.0017241	.058535	.0030143	.0003011
%RSD	.5844035	.3342851	.3451443	.9860343	.5665062	.1285188
#1	.5273622	10.08276	.4998423	5.961853	.5306373	.2339776
#2	.5241977	10.01750	.5010908	5.977886	.5300588	.2345771
#3	.5303601	10.06408	.4976829	5.869439	.5355448	.2343264

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**10.39405**	**.4689098**	**.9713858**	**10.54545**	F **.0227048**	F **.0000020**
Stddev	.02768	.0027954	.0026594	.02954	.0002668	.0002111
%RSD	.2663204	.5961512	.2737790	.2801146	1.175025	10646.18
#1	10.42212	.4681177	.9692671	10.54167	.0225587	-.000215
#2	10.36678	.4720157	.9743703	10.51799	.0230127	.000015
#3	10.39325	.4665958	.9705201	10.57671	.0225430	.000207

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: ICV01 Acquired: 6/4/2025 15:49:05 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	F -.000782	F -.001225	F .0143169	F -.000727	F .0277837	F .0005573
Stddev	.000477	.000497	.0024040	.003467	.0026050	.0007007
%RSD	61.02275	40.54703	16.79130	476.8789	9.375926	125.7274
#1	-.000505	-.001135	.0170163	.002915	.0253763	.0005730
#2	-.001333	-.000779	.0124068	-.001110	.0274255	-.000151
#3	-.000508	-.001760	.0135276	-.003987	.0305492	.001250

Elem	Sr4077
Units	ppm
Avg	F -.009427
Stddev	.000058
%RSD	.6144923
#1	-.009479
#2	-.009364
#3	-.009437

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2902.358	62907.60	9963.082	2061.900	4032.810
Stddev	11.846	66.48	60.339	5.652	17.267
%RSD	.4081672	.1056801	.6056249	.2741108	.4281676
#1	2904.354	62833.59	9943.818	2067.006	4035.970
#2	2913.080	62926.94	9914.727	2055.827	4048.280
#3	2889.640	62962.26	10030.70	2062.867	4014.182

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: LLICV01 Acquired: 6/4/2025 16:06:28 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	**.0180973**	**.0397918**	**.0113197**	**.0230845**	**.0524374**	**.1028550**	**.0882437**
Stddev	.0008889	.0021114	.0007014	.0025367	.0003462	.0035318	.0004252
%RSD	4.911869	5.306055	6.196669	10.98856	.6601746	3.433748	.4818193
#1	.0171646	.0373706	.0107258	.0204900	.0528370	.1009372	.0886643
#2	.0181925	.0407545	.0111396	.0255590	.0522273	.1006969	.0882525
#3	.0189347	.0412502	.0120936	.0232046	.0522480	.1069307	.0878141

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0055120**	**.0058353**	**1.881195**	**.0102094**	**.0291672**	**.0215357**	**.1085710**
Stddev	.0000314	.0000870	.006216	.0003290	.0001214	.0000344	.0033428
%RSD	.5694668	1.490499	.3304159	3.222500	.4162201	.1595304	3.078883
#1	.0055407	.0059346	1.878890	.0105104	.0292391	.0215619	.1086871
#2	.0054785	.0057982	1.876460	.0102595	.0290271	.0214968	.1051717
#3	.0055169	.0057730	1.888234	.0098581	.0292355	.0215484	.1118543

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0187347**	**1.891153**	**.0399104**	**.0097983**	**1.770523**	**.0375099**	**.0419785**
Stddev	.0003529	.011186	.0001820	.0002846	.018158	.0014550	.0001631
%RSD	1.883655	.5915040	.4560557	2.904598	1.025550	3.878828	.3884495
#1	.0189118	1.896042	.0399453	.0095249	1.771725	.0385210	.0418710
#2	.0183284	1.899062	.0397135	.0097771	1.751795	.0358424	.0421661
#3	.0189640	1.878354	.0400725	.0100929	1.788050	.0381664	.0418984

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.870503**	**.0879789**	**.1942798**	**.0377434**	**.0346369**	**.3291991**	**.0175598**
Stddev	.023221	.0004250	.0009438	.0006248	.0004387	.0085634	.0021696
%RSD	1.241447	.4830334	.4857684	1.655425	1.266514	2.601296	12.35566
#1	1.853329	.0874885	.1934203	.0371156	.0344873	.3389460	.0150906
#2	1.861258	.0882081	.1941293	.0377495	.0342926	.3257684	.0184278
#3	1.896923	.0882400	.1952897	.0383652	.0351308	.3228830	.0191611

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: LLICV01 Acquired: 6/4/2025 16:06:28 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	.0168585	.0167040	.0191739
Stddev	.0016790	.0002434	.0000470
%RSD	9.959073	1.457225	.2449432
#1	.0182488	.0166153	.0191384
#2	.0173334	.0165174	.0191562
#3	.0149932	.0169793	.0192272

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2941.212	61725.02	10073.39	2042.348	4158.556
Stddev	8.661	291.83	14.16	2.358	12.160
%RSD	.2944715	.4727898	.1405864	.1154363	.2924140
#1	2945.625	61470.54	10064.93	2043.930	4156.013
#2	2946.778	61660.96	10065.49	2039.638	4171.787
#3	2931.233	62043.55	10089.74	2043.476	4147.869

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: ICB01 Acquired: 6/4/2025 16:10:47 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	**-.002653**	**-.000683**	**.0000092**	**.0029336**	**.0006030**	**.0053123**	**-.003282**
Stddev	.000834	.000608	.0009219	.0029120	.0018667	.0045678	.000567
%RSD	31.43615	89.03342	10061.90	99.26582	309.5584	85.98542	17.28084
#1	-.003232	.000015	.0009149	.0031945	-.000045	.0001223	-.002740
#2	-.003030	-.001095	.0000405	-.000100	-.000854	.0087214	-.003872
#3	-.001697	-.000970	-.000928	.005706	.002707	.0070930	-.003234

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000077**	**.0000685**	**.0068389**	**.0008244**	**-.000283**	**.0003698**	**.0055110**
Stddev	.000031	.0000549	.0028808	.0000687	.000259	.0002601	.0022256
%RSD	39.74371	80.16437	42.12406	8.332077	91.35859	70.33136	40.38520
#1	-.000054	.0001016	.0085148	.0008573	-.000521	.0000850	.0065346
#2	-.000112	.0000051	.0035124	.0008705	-.000321	.0005947	.0070407
#3	-.000066	.0000989	.0084895	.0007455	-.000008	.0004299	.0029577

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000052**	**.0236130**	**.0004852**	**.0003614**	**-.092254**	**.0005253**	**.0009482**
Stddev	.000191	.0128916	.0002850	.0003211	.009623	.0012237	.0002955
%RSD	370.3265	54.59511	58.73515	88.84220	10.43138	232.9466	31.15933
#1	.000119	.0283239	.0004532	.0004855	-.083639	.0009240	.0012482
#2	-.000016	.0334865	.0007847	.0006020	-.090483	.0014999	.0006575
#3	-.000258	.0090286	.0002175	-.000003	-.102640	-.000848	.0009389

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0189223**	**-.000553**	**.0001206**	**.0010519**	**-.000157**	**.0029472**	**-.001320**
Stddev	.0525713	.000291	.0001714	.0003633	.000568	.0067827	.001837
%RSD	277.8272	52.63094	142.0865	34.53556	361.6977	230.1391	139.1449
#1	.0211203	-.000806	.0001313	.0006346	-.000659	.0034711	-.003346
#2	-.034714	-.000619	-.000056	.0012978	-.000272	-.004082	-.000853
#3	.070360	-.000235	.000286	.0012232	.000459	.009453	.000238

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: ICB01 Acquired: 6/4/2025 16:10:47 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	**-.001275**	**-.002036**	**.0001070**
Stddev	.002515	.001121	.0000394
%RSD	197.2294	55.02672	36.79921
#1	.000375	-.003313	.0000907
#2	-.000030	-.001215	.0000784
#3	-.004169	-.001582	.0001519

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2902.164**	**60472.21**	**9783.844**	**2023.825**	**4080.956**
Stddev	9.301	36.20	34.079	5.868	6.978
%RSD	.3204812	.0598665	.3483171	.2899436	.1709954
#1	2903.048	60456.11	9800.819	2017.766	4081.923
#2	2910.992	60513.67	9806.102	2029.481	4087.400
#3	2892.453	60446.85	9744.612	2024.230	4073.544

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: CRI01 Acquired: 6/4/2025 16:15:06 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	.0186851	.0385115	.0111562	.0209284	.0503999	.0983106	.0865730
Stddev	.0013920	.0002091	.0007482	.0013305	.0025611	.0010631	.0004639
%RSD	7.449501	.5428462	6.706560	6.357230	5.081552	1.081396	.5358004
#1	.0182016	.0385545	.0118414	.0196049	.0511130	.0971684	.0864173
#2	.0202544	.0382844	.0103579	.0222657	.0475578	.0984922	.0862070
#3	.0175995	.0386958	.0112694	.0209147	.0525288	.0992712	.0870946

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0058275	.0059937	1.876721	.0108023	.0294204	.0219648	.1021829
Stddev	.0000571	.0000366	.008260	.0002074	.0002573	.0003673	.0013877
%RSD	.9804563	.6100930	.4401417	1.919503	.8744827	1.672025	1.358011
#1	.0058335	.0060353	1.885917	.0110353	.0294446	.0215747	.1032433
#2	.0057676	.0059667	1.874315	.0107334	.0296647	.0220156	.1026931
#3	.0058813	.0059792	1.869931	.0106382	.0291519	.0223039	.1006124

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0187965	1.925044	.0406085	.0100427	1.720450	.0374354	.0424721
Stddev	.0000476	.007625	.0002303	.0002997	.024382	.0011313	.0004589
%RSD	.2531576	.3961084	.5670762	2.983844	1.417202	3.021941	1.080430
#1	.0188512	1.927482	.0404381	.0096971	1.729726	.0361382	.0426966
#2	.0187734	1.931152	.0405168	.0102310	1.738833	.0382172	.0427755
#3	.0187648	1.916498	.0408705	.0101999	1.692791	.0379508	.0419442

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.843052	.0926211	.1940488	.0385941	.0351297	.3291392	.0173662
Stddev	.017677	.0004165	.0009310	.0004654	.0007268	.0115993	.0009501
%RSD	.9591338	.4496524	.4797520	1.205792	2.069015	3.524118	5.471128
#1	1.857658	.0927136	.1932521	.0388401	.0359268	.3349715	.0183613
#2	1.823401	.0921661	.1938220	.0380574	.0345035	.3366649	.0172688
#3	1.848098	.0929835	.1950721	.0388849	.0349589	.3157813	.0164685

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: CRI01 Acquired: 6/4/2025 16:15:06 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	.0190465	.0173336	.0191653
Stddev	.0019358	.0008046	.0001091
%RSD	10.16325	4.641583	.5691017
#1	.0192148	.0169540	.0190394
#2	.0170321	.0182578	.0192310
#3	.0208926	.0167891	.0192255

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2903.020	60540.60	9547.517	2030.673	4080.381
Stddev	9.047	685.88	26.030	17.383	13.838
%RSD	.3116439	1.132931	.2726408	.8560251	.3391432
#1	2911.063	60370.09	9573.917	2022.565	4081.685
#2	2904.771	59956.06	9521.873	2018.826	4093.522
#3	2893.225	61295.66	9546.763	2050.629	4065.937

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: ICSA01 Acquired: 6/4/2025 16:26:52 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	**.0015158**	**-.000727**	**-.000741**	**.0017965**	**-.001169**	**241.0212**
Stddev	.0016537	.003938	.000754	.0053600	.002115	.6220
%RSD	109.0938	542.0098	101.7511	298.3640	181.0004	.2580803
#1	.0005926	-.003839	-.000381	.0007692	-.003486	241.4391
#2	.0005299	-.002042	-.000234	.0075958	-.000679	241.3182
#3	.0034250	.003701	-.001607	-.002976	.000659	240.3064

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0005200**	**.0010784**	**.0009153**	**226.3960**	**.0459537**	**.0008685**
Stddev	.0011305	.0000444	.0001373	.3651	.0001056	.0004535
%RSD	217.4159	4.113971	14.99870	.1612632	.2297016	52.22065
#1	-.000343	.0010367	.0009313	225.9794	.0460565	.0004053
#2	.000103	.0010733	.0007707	226.5485	.0458456	.0008885
#3	.001800	.0011250	.0010439	226.6602	.0459589	.0013117

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0022560**	**103.0839**	**.0042888**	**241.3548**	**.0025874**	**.0040085**
Stddev	.0008202	.1838	.0001365	.6259	.0005031	.0005480
%RSD	36.35563	.1783228	3.183445	.2593303	19.44597	13.66983
#1	.0031745	102.9366	.0041388	240.8037	.0031585	.0033763
#2	.0019966	103.0252	.0043217	241.2255	.0022096	.0043019
#3	.0015969	103.2899	.0044058	242.0353	.0023940	.0043473

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.067429**	**.0044287**	**.0033912**	**.0264781**	F **.2215714**	**.0003567**
Stddev	.019373	.0009883	.0001400	.0249253	.0011671	.0002425
%RSD	28.73160	22.31523	4.127915	94.13565	.5267219	67.99336
#1	-.072410	.0054468	.0034207	.0156067	.2210773	.0003607
#2	-.046051	.0034732	.0032388	.0088350	.2207328	.0001121
#3	-.083825	.0043662	.0035140	.0549926	.2229043	.0005971

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: ICSA01 Acquired: 6/4/2025 16:26:52 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	**-.001769**	**-.002714**	**.0096571**	**.0029766**	**-.013971**	**.0036877**
Stddev	.000760	.001096	.0053577	.0043186	.005041	.0011332
%RSD	42.98806	40.40377	55.47964	145.0815	36.07948	30.72805
#1	-.002645	-.003009	.0125908	.0074940	-.014573	.0049872
#2	-.001380	-.001500	.0034732	-.001111	-.008656	.0029055
#3	-.001281	-.003632	.0129073	.002547	-.018683	.0031705

Elem	Sr4077
Units	ppm
Avg	**-.004873**
Stddev	.000187
%RSD	3.841422
#1	-.004762
#2	-.004768
#3	-.005089

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2564.488**	**55377.86**	**9794.531**	**1828.099**	**3382.534**
Stddev	3.629	159.84	24.257	6.727	4.884
%RSD	.1415118	.2886326	.2476553	.3679624	.1443773
#1	2560.361	55545.73	9821.568	1835.173	3382.544
#2	2567.182	55360.36	9787.350	1821.784	3387.412
#3	2565.919	55227.49	9774.676	1827.339	3377.645

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: ICSAB01 Acquired: 6/4/2025 16:32:34 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	.1056332	.0952849	.0476391	.0563808	.6454641	246.5005
Stddev	.0056403	.0030171	.0025996	.0127170	.0028529	.6024
%RSD	5.339474	3.166380	5.456793	22.55552	.4419945	.2443988
#1	.1119977	.0940913	.0450132	.0696355	.6423577	245.8050
#2	.1036474	.0987161	.0502116	.0442802	.6479669	246.8351
#3	.1012543	.0930471	.0476924	.0552266	.6460676	246.8613

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4687165	.4843942	1.004534	228.3147	.5560557	.5103680
Stddev	.0009940	.0034141	.002266	.7828	.0011096	.0006573
%RSD	.2120649	.7048198	.2255885	.3428660	.1995529	.1287898
#1	.4675787	.4811367	1.005405	227.4130	.5549138	.5102158
#2	.4691553	.4879459	1.001961	228.7101	.5561233	.5098002
#3	.4694156	.4840999	1.006235	228.8209	.5571300	.5110881

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5075172	101.2792	.4684607	246.0674	1.014748	.2187090
Stddev	.0008543	.7877	.0012961	1.0838	.002366	.0010001
%RSD	.1683213	.7777784	.2766703	.4404438	.2331680	.4572710
#1	.5075482	101.0049	.4680890	244.8337	1.015679	.2175542
#2	.5066479	100.6654	.4673911	246.8661	1.012058	.2192871
#3	.5083556	102.1674	.4699020	246.5024	1.016506	.2192857

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.064066	.4614539	1.054144	.0225790	F .2107637	F -.000018
Stddev	.021002	.0007121	.000492	.0204753	.0027924	.000335
%RSD	32.78090	.1543071	.0466970	90.68303	1.324917	1840.165
#1	-.053202	.4618019	1.053690	.0269466	.2112697	.000136
#2	-.088275	.4606348	1.054076	.0405181	.2077529	-.000403
#3	-.050723	.4619250	1.054667	.0002723	.2132686	.000213

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: ICSAB01 Acquired: 6/4/2025 16:32:34 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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 -.003003	F -.003549	F -.003724	F .0057055	F -.011488	F .0014695
Stddev	.000848	.000248	.008689	.0032066	.006020	.0008420
%RSD	28.22868	6.995747	233.2893	56.20231	52.40484	57.29925
#1	-.003685	-.003710	-.001782	.0070033	-.004990	.0013363
#2	-.003271	-.003675	-.013220	.0020534	-.016875	.0007020
#3	-.002054	-.003263	.003829	.0080599	-.012599	.0023702

Elem	Sr4077
Units	ppm
Avg	F -.002794
Stddev	.000481
%RSD	17.22412
#1	-.002803
#2	-.002308
#3	-.003271

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2573.356	53890.62	9222.424	1802.527	3400.298
Stddev	4.183	207.65	52.191	6.213	4.646
%RSD	.1625460	.3853258	.5659152	.3447066	.1366344
#1	2574.470	54097.87	9272.625	1808.990	3397.503
#2	2576.870	53891.43	9168.448	1801.993	3405.662
#3	2568.729	53682.56	9226.200	1796.597	3397.731

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: ICSADLX20 Acquired: 6/4/2025 16:36:42 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: ICSA01DLX20 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.004447**	**.0016147**	**.0721349**	**.0008036**	**.0036055**	**11.66708**	**-.002997**
Stddev	.001550	.0012729	.0002679	.0043292	.0013755	.04278	.000735
%RSD	34.86604	78.83421	.3713403	538.7069	38.14963	.3667113	24.52644
#1	-.003289	.0006762	.0718893	-.002587	.0051763	11.66266	-.002527
#2	-.006208	.0011043	.0724205	.005680	.0026165	11.71190	-.003844
#3	-.003843	.0030636	.0720948	-.000682	.0030237	11.62667	-.002620

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0000917**	**.0001526**	**11.33864**	**.0047873**	**.0001126**	**.0029483**	**4.876060**
Stddev	.0000272	.0000587	.02879	.0005374	.0001042	.0004609	.016472
%RSD	29.62144	38.45272	.2539124	11.22652	92.47374	15.63187	.3378125
#1	.0001124	.0002178	11.35219	.0054065	.0000262	.0034800	4.859820
#2	.0000610	.0001042	11.35816	.0044417	.0000835	.0026643	4.892754
#3	.0001018	.0001357	11.30558	.0045137	.0002282	.0027005	4.875606

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0018584**	**11.60855**	**.0499154**	**.0001368**	**-.100205**	**-.000192**	**1.274668**
Stddev	.0003563	.04207	.0003695	.0000839	.011647	.000210	.006566
%RSD	19.17373	.3624376	.7401609	61.29505	11.62297	109.4042	.5151473
#1	.0019835	11.60293	.0498170	.0002266	-.113165	-.000172	1.268465
#2	.0014564	11.65315	.0496051	.0000604	-.096834	.000008	1.273994
#3	.0021353	11.56957	.0503241	.0001235	-.090615	-.000411	1.281546

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1339711**	**.0110848**	**.0002252**	**-.000044**	**-.000238**	**.0065236**	**.0009215**
Stddev	.0275973	.0001271	.0001890	.000482	.000484	.0030508	.0029291
%RSD	20.59945	1.146623	83.95451	1102.506	203.3096	46.76567	317.8626
#1	.1158722	.0109524	.0002989	.000472	-.000549	.0045686	.0002930
#2	.1657347	.0110963	.0000104	-.000482	-.000485	.0049632	-.001642
#3	.1203064	.0112058	.0003662	-.000121	.000320	.0100389	.004114

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: ICSADLX20 Acquired: 6/4/2025 16:36:42 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: ICSA01DLX20 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0293348	-.003815	.0001980
Stddev	.0024068	.000372	.0000854
%RSD	8.204525	9.752518	43.13665
#1	.0267379	-.003386	.0000995
#2	.0297761	-.004052	.0002518
#3	.0314904	-.004007	.0002426

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2831.541	59366.89	9550.637	2004.063	3925.922
Stddev	9.794	103.13	16.928	3.386	8.105
%RSD	.3458972	.1737246	.1772398	.1689570	.2064385
#1	2832.938	59450.21	9556.907	2007.867	3926.901
#2	2840.562	59251.54	9563.534	2002.945	3933.492
#3	2821.124	59398.91	9531.468	2001.378	3917.372

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: ICSABDLX20 Acquired: 6/4/2025 16:40:56 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: ICSAB01DLX20 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0047678	.0060275	.0015921	.0030579	.0323215	12.05357	.0216339
Stddev	.0010087	.0008785	.0009635	.0011687	.0010088	.01324	.0006220
%RSD	21.15613	14.57515	60.51730	38.22022	3.120994	.1098028	2.875133
#1	.0039520	.0053999	.0026629	.0028639	.0333099	12.06237	.0214551
#2	.0058957	.0056511	.0013181	.0043114	.0323610	12.03835	.0211209
#3	.0044559	.0070315	.0007953	.0019983	.0312936	12.06000	.0223257

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0239149	.0506645	11.76764	.0285124	.0251489	.0269527	5.019910
Stddev	.0001319	.0002799	.00629	.0001106	.0002709	.0006585	.000921
%RSD	.5515331	.5524733	.0534571	.3877351	1.077227	2.443213	.0183513
#1	.0239766	.0506774	11.77321	.0283875	.0248718	.0271410	5.020832
#2	.0237635	.0503783	11.76082	.0285978	.0251618	.0262206	5.018990
#3	.0240047	.0509377	11.76888	.0285517	.0254131	.0274966	5.019907

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0244596	12.04359	.0517229	.0104088	-.112177	.0246873	.0549893
Stddev	.0002759	.03975	.0001207	.0001638	.005066	.0004585	.0003671
%RSD	1.128055	.3300420	.2333877	1.574062	4.516383	1.857127	.6675763
#1	.0247276	12.04466	.0516017	.0105969	-.112320	.0243688	.0554089
#2	.0244746	12.00333	.0518431	.0102970	-.107040	.0252128	.0548315
#3	.0241764	12.08280	.0517239	.0103325	-.117169	.0244804	.0547275

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.037227	.0092210	.0001400	-.000423	-.000704	-.003216	-.005291
Stddev	.030992	.0002395	.0001490	.000620	.001120	.010414	.002273
%RSD	83.25302	2.597745	106.4392	146.5742	158.9865	323.8181	42.95761
#1	-.029908	.0092417	-.000023	.000072	-.001921	-.012867	-.003096
#2	-.071223	.0089718	.000270	-.000223	-.000475	-.004602	-.005143
#3	-.010549	.0094495	.000173	-.001118	.000283	.007822	-.007634

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: ICSABDLX20 Acquired: 6/4/2025 16:40:56 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: ICSAB01DLX20 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0083870	-.003620	.0000505
Stddev	.0031293	.000881	.0000554
%RSD	37.31116	24.32864	109.7058
#1	.0068712	-.003804	.0000975
#2	.0063043	-.004394	.0000644
#3	.0119855	-.002662	-.000011

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2863.459	61983.07	9881.950	2042.744	3985.731
Stddev	11.406	81.34	58.160	5.507	21.032
%RSD	.3983354	.1312300	.5885447	.2696063	.5276922
#1	2867.288	61904.42	9863.192	2037.090	3995.015
#2	2872.459	62066.86	9947.174	2048.092	4000.524
#3	2850.631	61977.91	9835.484	2043.050	3961.654

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: CCV01 Acquired: 6/4/2025 16:45:11 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	**5.031976**	**4.793616**	**5.009952**	**5.071216**	**5.073184**	**9.951779**	**9.776560**
Stddev	.021782	.037777	.018428	.018016	.008681	.017106	.092657
%RSD	.4328686	.7880655	.3678200	.3552540	.1711228	.1718899	.9477484
#1	5.018628	4.754050	4.993891	5.069931	5.066926	9.970269	9.861814
#2	5.020188	4.797493	5.005896	5.053878	5.069532	9.948551	9.677949
#3	5.057111	4.829305	5.030070	5.089840	5.083095	9.936517	9.789917

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2468239**	**2.510075**	**24.34747**	**.9927620**	**2.508632**	**1.276029**	**4.785316**
Stddev	.0003430	.008562	.04030	.0015368	.007571	.003226	.006935
%RSD	.1389723	.3411170	.1655117	.1547981	.3018156	.2527928	.1449286
#1	.2472084	2.502204	24.35357	.9929465	2.501456	1.273405	4.778275
#2	.2465495	2.508829	24.30447	.9911412	2.507894	1.275052	4.785532
#3	.2467137	2.519192	24.38437	.9941981	2.516545	1.279631	4.792141

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.443879**	**24.33499**	**2.525560**	**1.233920**	**24.54294**	**2.420733**	**2.450344**
Stddev	.004677	.03205	.006883	.002598	.08175	.008828	.004693
%RSD	.1913695	.1317201	.2725210	.2105100	.3331014	.3646831	.1915418
#1	2.445688	24.35143	2.521936	1.231669	24.45606	2.413555	2.444997
#2	2.438568	24.29805	2.521248	1.236762	24.55442	2.418054	2.453782
#3	2.447382	24.35548	2.533498	1.233327	24.61835	2.430590	2.452253

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**24.19177**	**4.933285**	**5.019684**	**4.933093**	**4.905354**	**4.841144**	**4.980032**
Stddev	.06459	.003695	.014408	.018094	.001848	.004508	.031477
%RSD	.2669761	.0748930	.2870200	.3667805	.0376658	.0931176	.6320723
#1	24.15066	4.930390	5.015391	4.918116	4.906111	4.838322	4.950207
#2	24.26621	4.937446	5.007911	4.927966	4.903248	4.846343	4.976955
#3	24.15844	4.932019	5.035750	4.953197	4.906702	4.838768	5.012935

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: CCV01 Acquired: 6/4/2025 16:45:11 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	**4.832931**	**4.998888**	**4.909848**
Stddev	.016019	.004812	.038277
%RSD	.3314582	.0962674	.7796027
#1	4.821013	4.993618	4.916162
#2	4.826638	4.999997	4.868807
#3	4.851141	5.003049	4.944577

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2808.288**	**60566.63**	**9003.397**	**1991.787**	**3790.884**
Stddev	5.253	57.74	17.055	3.082	7.837
%RSD	.1870448	.0953270	.1894307	.1547235	.2067392
#1	2808.551	60557.35	8984.241	1988.229	3796.746
#2	2813.405	60514.09	9016.933	1993.626	3793.923
#3	2802.909	60628.44	9009.016	1993.506	3781.982

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: CCB01 Acquired: 6/4/2025 16:52:47 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	**-.000881**	**.0000262**	**.0001744**	**.0026445**	**.0015151**	**-.001675**	**-.002911**
Stddev	.001453	.0012993	.0004185	.0025926	.0010653	.004465	.000521
%RSD	164.8763	4951.541	239.9398	98.03472	70.31308	266.5377	17.89522
#1	-.002560	-.001236	.0006386	.0033757	.0006587	-.005055	-.003496
#2	-.000041	.001360	.0000586	-.000235	.0011786	.003386	-.002500
#3	-.000044	-.000045	-.000174	.004793	.0027081	-.003357	-.002736

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000055**	**.0000512**	**.0013184**	**.0009094**	**-.000005**	**.0006431**	**.0042725**
Stddev	.000008	.0000838	.0064108	.0002981	.000103	.0002468	.0025583
%RSD	13.86745	163.6124	486.2619	32.77632	1886.702	38.37099	59.87938
#1	-.000063	.0001149	.0073931	.0012535	.000111	.0009279	.0059088
#2	-.000048	.0000825	-.005383	.0007305	-.000081	.0005071	.0055844
#3	-.000054	-.000044	.001945	.0007443	-.000046	.0004943	.0013243

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000390**	**.0175556**	**.0001848**	**.0002805**	**-.113473**	**.0002914**	**.0009262**
Stddev	.000045	.0155950	.0001184	.0001355	.015062	.0016332	.0000842
%RSD	11.63632	88.83201	64.05805	48.29113	13.27332	560.5241	9.093471
#1	-.000355	.0294367	.0001068	.0002424	-.096222	.0021683	.0009014
#2	-.000441	.0233340	.0001265	.0001682	-.124008	-.000487	.0008572
#3	-.000373	-.000104	.0003210	.0004309	-.120189	-.000807	.0010200

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.036872**	**.0065934**	**.0002923**	**.0005754**	**-.000011**	**-.001024**	**-.002620**
Stddev	.027979	.0006111	.0000962	.0004196	.000272	.003118	.000468
%RSD	75.88054	9.267687	32.91620	72.91482	2376.816	304.5105	17.85190
#1	-.057899	.0070362	.0003045	.0000975	.000237	-.003956	-.002183
#2	-.005117	.0058962	.0003817	.0007455	-.000303	-.001367	-.002564
#3	-.047600	.0068477	.0001905	.0008833	.000031	.002251	-.003114

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: CCB01 Acquired: 6/4/2025 16:52:47 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	.0009075	-.003271	.0000907
Stddev	.0025359	.000712	.0000834
%RSD	279.4353	21.76660	91.95002
#1	.0006660	-.003264	.0000061
#2	-.001499	-.003987	.0001729
#3	.003555	-.002563	.0000932

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2857.299	60811.08	10190.58	2041.991	3989.729
Stddev	34.871	220.00	6.65	11.344	46.206
%RSD	1.220421	.3617690	.0652394	.5555294	1.158133
#1	2885.395	60578.91	10198.24	2032.045	4024.854
#2	2818.272	60837.90	10186.26	2039.581	3937.386
#3	2868.230	61016.44	10187.24	2054.346	4006.949

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: Q2160-05 Acquired: 6/4/2025 16:57:07 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	.0306666	-.029905	.1587654	-.001673	.0006714	116.2751	.8007980
Stddev	.0017283	.003319	.0024678	.003269	.0009678	.2845	.0021689
%RSD	5.635857	11.09911	1.554352	195.4282	144.1425	.2447127	.2708377
#1	.0289868	-.026248	.1578541	-.000647	.0001678	116.5135	.8021399
#2	.0305732	-.032727	.1615592	.000961	.0017871	115.9601	.7982958
#3	.0324397	-.030739	.1568829	-.005332	.0000593	116.3517	.8019583

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0107966	.0094086	13.68909	.1903055	.1545177	.2191587	308.3777
Stddev	.0000162	.0002529	.05941	.0009999	.0003948	.0022929	.8519
%RSD	.1505548	2.687640	.4339760	.5254389	.2554995	1.046244	.2762627
#1	.0107959	.0092786	13.69209	.1914546	.1540797	.2174715	308.2245
#2	.0107807	.0092473	13.62824	.1898290	.1548460	.2182352	309.2958
#3	.0108132	.0097001	13.74694	.1896329	.1546275	.2217694	307.6127

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.140641	55.97841	.3147494	.0127217	5.523960	.2954219	.6249420
Stddev	.031436	.29660	.0000788	.0004166	.061962	.0030912	.0024159
%RSD	.4402396	.5298502	.0250469	3.274731	1.121702	1.046356	.3865858
#1	7.139254	55.81122	.3146695	.0124829	5.546116	.2956353	.6270844
#2	7.109922	55.80316	.3147514	.0132027	5.571798	.2922295	.6254182
#3	7.172748	56.32087	.3148272	.0124795	5.453965	.2984008	.6223235

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.94051	.7978689	.0037761	.0129059	4.365451	12.85754	5.213559
Stddev	.17102	.0028351	.0002581	.0011444	.015647	.33147	.014451
%RSD	.8166780	.3553300	6.833912	8.867307	.3584325	2.578010	.2771826
#1	21.05196	.7967871	.0034787	.0121033	4.365889	13.05525	5.198958
#2	21.02595	.8010856	.0039412	.0142164	4.349589	13.04251	5.213863
#3	20.74361	.7957340	.0039083	.0123981	4.380875	12.47487	5.227856

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: Q2160-05 Acquired: 6/4/2025 16:57:07 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	.4330425	.4706934	-.182188
Stddev	.0126757	.0004488	.001098
%RSD	2.927128	.0953599	.6028962
#1	.4196758	.4705504	-.181664
#2	.4448904	.4711963	-.183450
#3	.4345612	.4703335	-.181449

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3245.796	69640.11	11814.07	2327.201	3632.170
Stddev	1.702	251.85	59.78	7.530	1.182
%RSD	.0524240	.3616434	.5059878	.3235793	.0325531
#1	3246.419	69563.20	11807.84	2321.340	3630.891
#2	3247.099	69435.69	11876.73	2324.570	3633.224
#3	3243.871	69921.45	11757.66	2335.694	3632.395

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: Q2159-04 Acquired: 6/4/2025 17:01:12 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	**-.004033**	**-.003312**	**.0002194**	**.0042577**	**.0019283**	**.2553989**	**.2753372**
Stddev	.001809	.000786	.0003069	.0008013	.0016848	.0028510	.0009889
%RSD	44.85251	23.73501	139.8514	18.82000	87.37145	1.116309	.3591728
#1	-.005616	-.002929	-.000076	.0051782	.0009572	.2582744	.2744363
#2	-.002061	-.004216	.000198	.0038788	.0009539	.2525729	.2763953
#3	-.004422	-.002791	.000536	.0037162	.0038738	.2553493	.2751801

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0001877**	**-.000013**	**3.292288**	**.0003112**	**.0083971**	**.0092520**	**.0058965**
Stddev	.0000036	.000006	.007452	.0001886	.0000637	.0003893	.0032263
%RSD	1.917260	41.45323	.2263586	60.59981	.7591048	4.208197	54.71540
#1	.0001887	-.000017	3.288297	.0002629	.0084174	.0088351	.0026172
#2	.0001908	-.000007	3.300886	.0001515	.0084483	.0096062	.0090671
#3	.0001838	-.000016	3.287681	.0005193	.0083257	.0093148	.0060053

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1230519**	**2.156573**	**.0043897**	**-.000017**	**293.2870**	**.0009063**	**.1118534**
Stddev	.0004989	.016282	.0003257	.000256	2.5714	.0007677	.0004425
%RSD	.4054356	.7549798	7.420897	1506.516	.8767563	84.70759	.3955760
#1	.1231965	2.141753	.0046919	.000274	291.1453	.0010958	.1115594
#2	.1234626	2.174002	.0044326	-.000206	296.1388	.0015614	.1123623
#3	.1224967	2.153964	.0040446	-.000119	292.5768	.0000616	.1116385

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.7840145**	**.0583049**	**.0002970**	**-.001643**	**.0001370**	**.4008719**	**.0077301**
Stddev	.0170161	.0007948	.0001009	.000768	.0004315	.0106532	.0013640
%RSD	2.170377	1.363111	33.97828	46.73976	314.8834	2.657510	17.64470
#1	.7746360	.0586908	.0002684	-.002527	-.000220	.4122010	.0064278
#2	.7737512	.0573909	.0002135	-.001147	.000617	.3993583	.0091483
#3	.8036564	.0588330	.0004091	-.001255	.000014	.3910565	.0076142

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: Q2159-04 Acquired: 6/4/2025 17:01:12 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	**.8559505**	**-.004443**	**.0347145**
Stddev	.0016564	.001173	.0001155
%RSD	.1935154	26.41037	.3326286
#1	.8557345	-.004900	.0346672
#2	.8577043	-.003110	.0348461
#3	.8544128	-.005320	.0346302

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2808.438**	**62235.38**	**9697.333**	**2007.833**	**3710.610**
Stddev	6.906	25.79	25.723	4.273	7.087
%RSD	.2458913	.0414407	.2652547	.2128121	.1910006
#1	2814.148	62206.26	9712.370	2003.606	3713.600
#2	2810.403	62244.51	9667.632	2012.150	3715.712
#3	2800.762	62255.36	9711.997	2007.743	3702.517

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: Q2178-01 Acquired: 6/4/2025 17:05:38 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	**.0226742**	**-.011615**	**4.361198**	**-.009952**	**.0100666**	**85.87959**	**.6201971**
Stddev	.0026073	.002404	.009849	.002071	.0046034	.05273	.0026714
%RSD	11.49888	20.69886	.2258284	20.80915	45.72900	.0613948	.4307342
#1	.0250835	-.012063	4.370156	-.011922	.0068932	85.93958	.6221893
#2	.0199061	-.009019	4.350652	-.007793	.0079603	85.84060	.6171615
#3	.0230330	-.013764	4.362787	-.010141	.0153463	85.85860	.6212406

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0046402**	**.0028435**	**817.2500**	**.1384077**	**.0588197**	**.2134940**	**94.17148**
Stddev	.0000643	.0001200	6.5165	.0001511	.0001770	.0001638	.26047
%RSD	1.385083	4.221191	.7973722	.1091562	.3009297	.0766991	.2765908
#1	.0045667	.0029298	824.6623	.1383528	.0589410	.2134148	94.47222
#2	.0046861	.0027064	814.6655	.1385785	.0586166	.2133848	94.01771
#3	.0046677	.0028942	812.4221	.1382917	.0589016	.2136823	94.02451

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.185067**	**33.88332**	**.1722882**	**.0064252**	**7.047989**	**.1927224**	**.1358490**
Stddev	.006960	.05831	.0004051	.0000875	.047366	.0040545	.0008217
%RSD	.3185391	.1720955	.2351138	1.362296	.6720561	2.103816	.6048685
#1	2.192849	33.89999	.1726648	.0065055	7.079091	.1935038	.1363857
#2	2.179437	33.93148	.1718597	.0063319	6.993476	.1963294	.1349030
#3	2.182913	33.81849	.1723401	.0064382	7.071401	.1883341	.1362582

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**16.28429**	**.3335464**	**.0122658**	**3.586132**	**4.678928**	**8.870611**	**5.799855**
Stddev	.05421	.0014042	.0007381	.013375	.010198	.043789	.009418
%RSD	.3329044	.4209971	6.017768	.3729687	.2179662	.4936456	.1623849
#1	16.32699	.3348522	.0122588	3.600221	4.690517	8.900901	5.809760
#2	16.22330	.3320610	.0130074	3.573608	4.674939	8.820403	5.791014
#3	16.30257	.3337261	.0115312	3.584566	4.671326	8.890528	5.798791

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: Q2178-01 Acquired: 6/4/2025 17:05:38 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	19.93441	.0151149	4.903724
Stddev	.06068	.0012267	.033743
%RSD	.3043922	8.115793	.6881063
#1	20.00435	.0138804	4.937635
#2	19.90310	.0151307	4.870152
#3	19.89578	.0163337	4.903386

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2753.040	59711.02	10164.85	1945.372	3347.527
Stddev	1.712	119.14	25.08	8.296	7.318
%RSD	.0622003	.1995356	.2467298	.4264704	.2186184
#1	2754.170	59612.48	10158.69	1937.361	3339.267
#2	2753.880	59677.16	10143.42	1953.927	3353.200
#3	2751.070	59843.44	10192.43	1944.827	3350.115

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: Q2182-01 Acquired: 6/4/2025 17:10:00 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	**.0431703**	**-.018988**	**.4378942**	**.0033521**	**.0022537**	**88.97099**	**.9630080**
Stddev	.0021869	.001601	.0016940	.0062400	.0017056	.09923	.0024406
%RSD	5.065713	8.431087	.3868555	186.1507	75.68037	.1115333	.2534352
#1	.0416599	-.020772	.4370094	-.003000	.0002848	89.05928	.9641717
#2	.0456781	-.017677	.4368258	.009474	.0031979	88.99009	.9646490
#3	.0421729	-.018514	.4398474	.003582	.0032784	88.86359	.9602034

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0061200**	**.0033271**	**49.28553**	**.1482405**	**.0867692**	**.1960987**	**201.9112**
Stddev	.0000388	.0003969	.16121	.0023274	.0001076	.0031161	3.2090
%RSD	.6346066	11.92864	.3270840	1.570018	.1240190	1.589045	1.589321
#1	.0061169	.0029164	49.37822	.1504969	.0867900	.1929157	205.3500
#2	.0061603	.0033564	49.37899	.1483766	.0868649	.1962373	201.3870
#3	.0060828	.0037085	49.09939	.1458481	.0866528	.1991432	198.9965

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.825292**	**30.68629**	**.1543601**	**.0093505**	**7.888329**	**.3067981**	**.3990878**
Stddev	.007440	.10004	.0006020	.0003795	.123084	.0016303	.0069437
%RSD	.2633436	.3259948	.3900009	4.058209	1.560337	.5313930	1.739894
#1	2.827203	30.72352	.1548642	.0097561	8.028760	.3058814	.4058202
#2	2.831589	30.76237	.1545225	.0090041	7.837064	.3086804	.3994927
#3	2.817082	30.57298	.1536935	.0092913	7.799163	.3058325	.3919505

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**8.934541**	**.5002414**	**.0024429**	**.0211971**	**2.823167**	**6.616108**	**6.491815**
Stddev	.150304	.0082974	.0002004	.0003742	.008443	.113735	.012800
%RSD	1.682283	1.658679	8.203837	1.765518	.2990555	1.719066	.1971738
#1	9.096757	.5094057	.0023588	.0213554	2.826038	6.740253	6.501421
#2	8.906874	.4980797	.0022982	.0214661	2.829800	6.591139	6.477284
#3	8.799993	.4932388	.0026716	.0207697	2.813663	6.516932	6.496740

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: Q2182-01 Acquired: 6/4/2025 17:10:00 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	3.458227	.1682363	-.010521
Stddev	.004312	.0011348	.002839
%RSD	.1247002	.6745060	26.98269
#1	3.462718	.1692977	-.013682
#2	3.457844	.1683711	-.009692
#3	3.454118	.1670402	-.008189

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3267.914	67261.68	12000.57	2241.750	3772.096
Stddev	8.366	953.85	44.53	31.232	6.173
%RSD	.2560091	1.418115	.3710777	1.393216	.1636584
#1	3268.047	66302.74	12017.24	2212.784	3772.212
#2	3276.213	67271.96	11950.11	2237.626	3778.210
#3	3259.483	68210.35	12034.37	2274.840	3765.865

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: Q2172-04 Acquired: 6/4/2025 17:14:04 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	**-.003098**	**-.003107**	**.0001171**	**.0004491**	**.0008670**	**.2334936**	**.1530519**
Stddev	.001332	.000691	.0007160	.0016704	.0005161	.0015708	.0004161
%RSD	42.99570	22.24451	611.4625	371.9190	59.53120	.6727498	.2718387
#1	-.001614	-.003851	.0001431	.0023634	.0003870	.2321772	.1526039
#2	-.004189	-.002983	-.000612	-.000303	.0008011	.2330713	.1534262
#3	-.003490	-.002486	.000820	-.000713	.0014129	.2352325	.1531256

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000022**	**-.000057**	**.9526756**	**.0000930**	**.0051445**	**.0048324**	**.0181385**
Stddev	.000031	.000042	.0045306	.0001142	.0000986	.0004568	.0030276
%RSD	140.6540	74.57599	.4755643	122.7862	1.916100	9.451773	16.69161
#1	-.000025	-.000008	.9573547	.0001263	.0050601	.0053296	.0213042
#2	.000010	-.000075	.9483098	.0001867	.0052528	.0044314	.0152711
#3	-.000052	-.000087	.9523624	-.000034	.0051207	.0047361	.0178401

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1071421**	**.9979434**	**.0019738**	**-.000604**	**306.0459**	**-.000418**	**.0372657**
Stddev	.0002898	.0073383	.0001820	.000360	3.0407	.001023	.0001223
%RSD	.2704571	.7353401	9.222350	59.59582	.9935482	244.7383	.3281241
#1	.1074609	1.006358	.0021433	-.000789	309.4011	-.001229	.0373649
#2	.1068948	.992872	.0017814	-.000189	305.2643	.000731	.0373031
#3	.1070704	.994600	.0019967	-.000833	303.4723	-.000755	.0371291

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.6160998**	**.0201977**	**.0000442**	**-.001070**	**.0000743**	**.5827898**	**.0046215**
Stddev	.0197499	.0006545	.0000780	.000569	.0003529	.0121473	.0003318
%RSD	3.205632	3.240396	176.5798	53.14973	474.8912	2.084341	7.179334
#1	.6355466	.0200083	.0000790	-.000420	.0001799	.5868592	.0046106
#2	.5960601	.0196588	.0000987	-.001477	.0003623	.5923799	.0042952
#3	.6166926	.0209260	-.000045	-.001312	-.000319	.5691302	.0049585

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: Q2172-04 Acquired: 6/4/2025 17:14:04 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	**1.187245**	**-.004008**	**.0090493**
Stddev	.020140	.000475	.0000161
%RSD	1.696391	11.84350	.1781723
#1	1.196596	-.004477	.0090356
#2	1.164129	-.004021	.0090671
#3	1.201009	-.003528	.0090452

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3136.283**	**67056.98**	**11350.98**	**2170.164**	**3841.790**
Stddev	40.506	260.08	56.11	10.679	54.243
%RSD	1.291541	.3878482	.4943220	.4920700	1.411926
#1	3112.730	66936.45	11415.26	2160.976	3813.753
#2	3183.055	66879.04	11311.78	2167.636	3904.314
#3	3113.064	67355.46	11325.92	2181.880	3807.304

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: Q2178-02 Acquired: 6/4/2025 17:18:30 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	**-.006053**	**-.003498**	**-.001016**	**.0033003**	**.0028483**	**.2000838**	**.2556853**
Stddev	.000698	.002165	.001088	.0023814	.0010747	.0044756	.0013801
%RSD	11.53161	61.87607	107.1219	72.15687	37.73055	2.236844	.5397691
#1	-.006820	-.002806	-.001012	.0057068	.0025403	.2047149	.2571827
#2	-.005881	-.001764	-.002106	.0009448	.0040433	.1997545	.2554089
#3	-.005456	-.005924	.000071	.0032493	.0019612	.1957820	.2544643

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000165**	**-.000047**	**199.8335**	**.0042865**	**-.000793**	**.0006685**	**.0480967**
Stddev	.000020	.000049	.5136	.0001810	.000194	.0004386	.0014926
%RSD	12.02311	105.6007	.2570141	4.221954	24.43754	65.61535	3.103223
#1	-.000158	.000003	200.2096	.0043561	-.000632	.0005468	.0497758
#2	-.000187	-.000047	200.0427	.0044222	-.000740	.0011551	.0469206
#3	-.000149	-.000096	199.2484	.0040810	-.001008	.0003035	.0475937

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0055249**	**.0289355**	**.0000170**	**-.000071**	**346.2756**	**.0011187**	**.0078644**
Stddev	.0001605	.0123411	.0003751	.000109	1.5875	.0003989	.0003978
%RSD	2.904557	42.65029	2206.723	154.0418	.4584575	35.65955	5.058591
#1	.0055544	.0203304	-.000416	-.000004	345.9085	.0007423	.0083099
#2	.0053517	.0430751	.000245	-.000197	348.0145	.0015369	.0077389
#3	.0056686	.0234011	.000222	-.000012	344.9037	.0010770	.0075445

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**11.56417**	**.0068589**	**.0015692**	**-.004245**	**-.005552**	**.3927542**	**.0024446**
Stddev	.02932	.0001718	.0002576	.000747	.000300	.0034188	.0013202
%RSD	.2535725	2.504660	16.41385	17.59443	5.397137	.8704608	54.00634
#1	11.59771	.0067138	.0017163	-.004257	-.005897	.3964370	.0021424
#2	11.54340	.0070486	.0017194	-.003493	-.005357	.3921439	.0013017
#3	11.55140	.0068143	.0012718	-.004986	-.005401	.3896816	.0038898

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: Q2178-02 Acquired: 6/4/2025 17:18:30 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	.9756621	-.021281	1.437411
Stddev	.0045693	.000016	.006575
%RSD	.4683297	.0742263	.4574264
#1	.9724108	-.021263	1.430780
#2	.9736890	-.021291	1.443929
#3	.9808864	-.021289	1.437524

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2689.660	57738.90	10105.65	1871.606	3562.543
Stddev	10.716	146.18	33.03	6.444	13.483
%RSD	.3984189	.2531728	.3268911	.3443108	.3784550
#1	2700.155	57868.44	10118.90	1878.983	3574.481
#2	2690.089	57580.41	10068.05	1867.071	3565.229
#3	2678.736	57767.84	10130.01	1868.764	3547.920

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: Q2185-01 Acquired: 6/4/2025 17:23:06 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	.0383499	-.022710	.1776909	.0015531	.0000984	103.8992	1.490156
Stddev	.0016504	.002205	.0009978	.0016528	.0012786	1.2564	.017511
%RSD	4.303674	9.710726	.5615295	106.4206	1299.587	1.209209	1.175098
#1	.0384197	-.021993	.1771404	.0032966	.0002352	105.3499	1.510296
#2	.0399643	-.025184	.1788427	.0000090	-.001243	103.1711	1.478530
#3	.0366656	-.020952	.1770897	.0013537	.001303	103.1766	1.481643

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0103098	.0076234	90.32384	.1877681	.1842089	.2580942	269.6282
Stddev	.0002232	.0000745	1.23892	.0014377	.0002097	.0004270	.5742
%RSD	2.164810	.9771762	1.371640	.7656576	.1138092	.1654448	.2129529
#1	.0105609	.0076125	91.75180	.1864625	.1843765	.2585544	269.4499
#2	.0102348	.0075549	89.53482	.1875330	.1839738	.2577109	269.1644
#3	.0101339	.0077027	89.68492	.1893088	.1842764	.2580171	270.2704

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.241143	60.02636	.3156534	.0097561	1.495352	.2784365	.6777875
Stddev	.112105	.84571	.0010779	.0007077	.000863	.0033643	.0004553
%RSD	1.360312	1.408899	.3414795	7.254013	.0577206	1.208271	.0671778
#1	8.369715	61.00215	.3156619	.0103230	1.494404	.2823032	.6783092
#2	8.163834	59.50526	.3145713	.0089629	1.495559	.2768268	.6775833
#3	8.189881	59.57167	.3167271	.0099823	1.496092	.2761796	.6774701

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.87004	.6108270	.0034557	.0084006	2.061298	2.383391	5.960588
Stddev	.09398	.0020415	.0001871	.0018433	.025055	.019110	.022244
%RSD	.5258953	.3342259	5.415113	21.94192	1.215508	.8017961	.3731800
#1	17.78827	.6090760	.0036074	.0073229	2.089325	2.403191	5.958115
#2	17.84914	.6103356	.0032466	.0073500	2.041069	2.381925	5.939685
#3	17.97271	.6130694	.0035132	.0105290	2.053500	2.365056	5.983965

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: Q2185-01 Acquired: 6/4/2025 17:23:06 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	.6458814	.4434622	-.025782
Stddev	.0033781	.0042128	.002839
%RSD	.5230276	.9499767	11.01199
#1	.6475528	.4474010	-.022507
#2	.6480980	.4390206	-.027553
#3	.6419934	.4439650	-.027286

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3253.895	68016.43	11670.56	2248.076	3684.129
Stddev	6.516	163.28	154.01	1.863	10.606
%RSD	.2002508	.2400536	1.319688	.0828743	.2878859
#1	3248.121	68159.63	11493.33	2250.167	3676.974
#2	3260.960	68051.03	11771.93	2246.591	3696.314
#3	3252.604	67838.62	11746.41	2247.471	3679.097

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: Q2185-05 Acquired: 6/4/2025 17:27:11 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	.0330361	-.030373	.1798513	-.003319	.0009051	115.7690	1.258951
Stddev	.0006817	.002087	.0033862	.006914	.0002142	3.7033	.039891
%RSD	2.063516	6.870017	1.882790	208.3126	23.66395	3.198838	3.168597
#1	.0329678	-.030090	.1766831	.004301	.0006663	113.2485	1.231824
#2	.0337494	-.032587	.1794508	-.005064	.0010802	114.0377	1.240275
#3	.0323911	-.028442	.1834199	-.009194	.0009689	120.0208	1.304754

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0121635	.0147805	44.59684	.2256052	.1843627	.2495212	313.4311
Stddev	.0003149	.0001762	1.36384	.0013156	.0003492	.0026932	2.2215
%RSD	2.588996	1.192009	3.058152	.5831254	.1893993	1.079357	.7087585
#1	.0119202	.0147918	43.56661	.2263981	.1847377	.2471237	314.9141
#2	.0120510	.0149508	44.08044	.2240866	.1840469	.2524353	310.8770
#3	.0125192	.0145990	46.14348	.2263308	.1843034	.2490045	314.5022

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.308467	70.13828	.3884610	.0085055	1.648814	.3135669	.7468978
Stddev	.283504	2.10452	.0007489	.0008485	.021216	.0091307	.0024379
%RSD	3.045660	3.000532	.1927969	9.975406	1.286744	2.911868	.3263966
#1	9.106246	68.50481	.3880300	.0089493	1.664724	.3071231	.7486559
#2	9.186632	69.39687	.3893258	.0075272	1.624726	.3095620	.7441148
#3	9.632523	72.51317	.3880272	.0090400	1.656991	.3240156	.7479226

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.38112	.7012055	.0042227	.0087557	3.437612	2.307135	7.974225
Stddev	.18341	.0084522	.0002405	.0015579	.105294	.018683	.022972
%RSD	.7844509	1.205383	5.696497	17.79334	3.063012	.8097919	.2880829
#1	23.46467	.7107536	.0044200	.0074325	3.366618	2.323413	7.998991
#2	23.17081	.6946808	.0042935	.0083617	3.387630	2.286735	7.953613
#3	23.50788	.6981821	.0039548	.0104727	3.558589	2.311257	7.970070

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: Q2185-05 Acquired: 6/4/2025 17:27:11 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	.2358234	.5435070	-.136623
Stddev	.0049261	.0138444	.004816
%RSD	2.088878	2.547243	3.525188
#1	.2408988	.5345996	-.141397
#2	.2310616	.5364646	-.136707
#3	.2355099	.5594569	-.131766

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3357.483	72527.92	11572.48	2386.366	3644.058
Stddev	.844	239.90	301.09	5.757	2.676
%RSD	.0251257	.3307716	2.601735	.2412606	.0734335
#1	3358.456	72259.42	11828.15	2384.848	3641.286
#2	3357.024	72721.20	11648.67	2392.730	3646.626
#3	3356.968	72603.13	11240.62	2381.519	3644.263

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: Q2178-01DUP Acquired: 6/4/2025 17:31:17 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	.0214917	-.013225	2.987478	-.013827	.0118076	102.1941
Stddev	.0036010	.002668	.032705	.005543	.0011971	.4103
%RSD	16.75544	20.17378	1.094733	40.08991	10.13815	.4014867
#1	.0204101	-.015941	3.023961	-.013113	.0128863	101.7671
#2	.0185554	-.013126	2.977683	-.019692	.0120167	102.2300
#3	.0255095	-.010608	2.960790	-.008675	.0105197	102.5853

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6308416	.0053533	.0038639	1049.031	.1473993	.0576004
Stddev	.0009874	.0000850	.0002776	15.387	.0008567	.0005277
%RSD	.1565176	1.588247	7.185098	1.466803	.5811867	.9161298
#1	.6298287	.0052563	.0039996	1036.712	.1464808	.0572133
#2	.6308948	.0053881	.0035446	1044.103	.1481766	.0573865
#3	.6318013	.0054153	.0040476	1066.279	.1475403	.0582015

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1814769	104.7732	2.786421	43.64091	.1599108	.0057110
Stddev	.0006246	.5126	.014140	.26075	.0001581	.0001219
%RSD	.3441612	.4892311	.5074685	.5975001	.0988829	2.134757
#1	.1818080	104.6752	2.771368	43.34744	.1597283	.0057954
#2	.1807565	105.3278	2.788470	43.72930	.1600080	.0055712
#3	.1818663	104.3168	2.799425	43.84597	.1599960	.0057663

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.674577	.1818225	.1957469	19.10630	.3942376	.0093174
Stddev	.064487	.0012175	.0016899	.11564	.0003266	.0004807
%RSD	.7434069	.6696298	.8633279	.6052573	.0828361	5.158657
#1	8.616493	.1820574	.1942879	18.98934	.3939084	.0088714
#2	8.743972	.1805046	.1975986	19.22058	.3945615	.0098265
#3	8.663266	.1829055	.1953541	19.10899	.3942429	.0092542

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: Q2178-01DUP Acquired: 6/4/2025 17:31:17 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	**2.405379**	**4.977512**	**8.272067**	**7.345038**	F **25.93470**	**-.007910**
Stddev	.006921	.009397	.088826	.030848	.17683	.002649
%RSD	.2877380	.1887841	1.073808	.4199825	.6818220	33.48431
#1	2.412949	4.966668	8.350679	7.321467	25.78478	-.005769
#2	2.399376	4.982598	8.289816	7.333695	25.88961	-.007089
#3	2.403811	4.983269	8.175707	7.379951	26.12971	-.010872

Elem	Sr4077
Units	ppm
Avg	**6.853544**
Stddev	.062187
%RSD	.9073635
#1	6.785276
#2	6.868396
#3	6.906959

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2666.655**	**56969.30**	**9930.736**	**1885.239**	**3191.767**
Stddev	3.252	124.95	41.730	6.347	7.120
%RSD	.1219470	.2193264	.4202112	.3366688	.2230783
#1	2668.648	57007.70	9962.495	1886.262	3193.836
#2	2668.414	56829.65	9946.239	1878.443	3197.624
#3	2662.902	57070.54	9883.473	1891.013	3183.841

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: CCV02 Acquired: 6/4/2025 17:35:39 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	**4.961670**	**5.115362**	**4.905415**	**5.056648**	**4.988699**	**9.623676**	**9.197371**
Stddev	.029545	.043850	.029811	.030708	.036225	.024133	.042146
%RSD	.5954725	.8572142	.6077082	.6072795	.7261380	.2507717	.4582354
#1	4.930087	5.074532	4.879622	5.024225	4.950862	9.646711	9.221034
#2	4.988633	5.161709	4.938053	5.085291	5.023062	9.598577	9.222368
#3	4.966291	5.109845	4.898571	5.060429	4.992173	9.625740	9.148712

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2441436**	**2.462027**	**23.49899**	**.9849231**	**2.456567**	**1.253951**	**4.743809**
Stddev	.0019552	.016183	.09937	.0024220	.016498	.007868	.013450
%RSD	.8008441	.6573053	.4228701	.2459122	.6715959	.6274497	.2835321
#1	.2458482	2.446975	23.58849	.9875868	2.441259	1.246957	4.729074
#2	.2420093	2.479143	23.39206	.9828530	2.474041	1.262469	4.746925
#3	.2445734	2.459963	23.51643	.9843295	2.454401	1.252427	4.755427

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.332443**	**23.59237**	**2.481170**	**1.228130**	**23.66926**	**2.343973**	**2.481721**
Stddev	.010820	.16805	.018538	.001243	.09608	.004344	.002861
%RSD	.4638850	.7123035	.7471414	.1011749	.4059374	.1853434	.1152651
#1	2.342190	23.76110	2.463763	1.227244	23.55836	2.347295	2.481319
#2	2.320801	23.42501	2.500663	1.229550	23.72730	2.339056	2.479082
#3	2.334338	23.59102	2.479083	1.227594	23.72214	2.345567	2.484761

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**23.76248**	**4.829286**	**4.969209**	**4.867027**	**4.668137**	**4.844333**	**4.854716**
Stddev	.11495	.030334	.034078	.035585	.012778	.031047	.038685
%RSD	.4837403	.6281232	.6857761	.7311497	.2737191	.6408923	.7968608
#1	23.63524	4.855971	4.934975	4.832365	4.673637	4.811941	4.816436
#2	23.85881	4.796295	5.003129	4.903469	4.653530	4.873832	4.893795
#3	23.79340	4.835590	4.969524	4.865247	4.677243	4.847225	4.853919

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: CCV02 Acquired: 6/4/2025 17:35:39 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	**4.792344**	**4.770349**	**4.675259**
Stddev	.041841	.012231	.032466
%RSD	.8730803	.2563860	.6944287
#1	4.755895	4.769636	4.687980
#2	4.838032	4.758491	4.638358
#3	4.783105	4.782921	4.699438

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2826.675**	**59236.29**	**9042.896**	**1962.013**	**3824.079**
Stddev	16.516	137.23	55.448	2.151	21.882
%RSD	.5842853	.2316620	.6131674	.1096311	.5722081
#1	2843.339	59202.90	8982.054	1964.296	3845.784
#2	2810.311	59118.84	9090.584	1961.719	3802.025
#3	2826.375	59387.13	9056.050	1960.024	3824.427

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: CCB02 Acquired: 6/4/2025 17:39:50 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	**-.000755**	**.0011054**	**-.000735**	**.0028662**	**.0012447**	**.0067370**	**-.004670**
Stddev	.000900	.0009503	.001116	.0006352	.0014605	.0042996	.000369
%RSD	119.2203	85.96651	151.8223	22.16257	117.3342	63.82101	7.900906
#1	-.000481	.0003553	-.000068	.0021842	-.000337	.0059346	-.004322
#2	-.001760	.0021740	-.002023	.0034410	.002542	.0113812	-.005057
#3	-.000023	.0007869	-.000113	.0029735	.001530	.0028951	-.004631

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000055**	**.0001695**	**.0123981**	**.0008798**	**-.000028**	**.0003744**	**.0047376**
Stddev	.000099	.0000618	.0069365	.0003085	.000354	.0002685	.0015788
%RSD	179.8531	36.49190	55.94858	35.06957	1261.417	71.71056	33.32621
#1	-.000165	.0001808	.0087784	.0005336	-.000405	.0005808	.0045464
#2	-.000024	.0002249	.0080201	.0009799	.000297	.0004716	.0064033
#3	.000025	.0001028	.0203957	.0011258	.000024	.0000709	.0032630

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0004222**	**.0056629**	**.0005939**	**.0003793**	**-.094509**	**.0009773**	**.0029578**
Stddev	.0002925	.0097845	.0000033	.0004928	.028457	.0009680	.0002952
%RSD	69.26491	172.7804	.5486078	129.9142	30.11068	99.04808	9.979930
#1	.0005336	.0119689	.0005939	-.000085	-.124782	.0001182	.0031800
#2	.0000905	-.005609	.0005905	.000896	-.090440	.0020261	.0026229
#3	.0006427	.010629	.0005971	.000327	-.068305	.0007876	.0030706

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.008013**	**.0101014**	**.0010018**	**.0030690**	**.0003822**	**-.000111**	**-.001336**
Stddev	.008930	.0004926	.0001197	.0006217	.0001976	.009826	.002058
%RSD	111.4451	4.876094	11.94465	20.25722	51.70450	8870.166	153.9915
#1	-.003416	.0106463	.0009850	.0030240	.0001861	.010570	-.003638
#2	-.002318	.0096879	.0008915	.0024710	.0005812	-.002135	-.000698
#3	-.018305	.0099700	.0011290	.0037119	.0003792	-.008767	.000326

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: CCB02 Acquired: 6/4/2025 17:39:50 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	-.000156	-.000547	.0002676
Stddev	.001832	.000873	.0000358
%RSD	1177.064	159.7278	13.37080
#1	-.002263	-.001495	.0002282
#2	.001057	-.000368	.0002980
#3	.000740	.000224	.0002768

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2909.614	60949.62	9602.924	2027.532	4087.062
Stddev	12.764	94.84	11.110	.762	17.744
%RSD	.4386913	.1556019	.1156928	.0375672	.4341486
#1	2920.318	60840.44	9590.116	2027.409	4102.421
#2	2913.036	60996.81	9608.703	2026.840	4091.126
#3	2895.487	61011.61	9609.953	2028.348	4067.639

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: Q2178-01LX5 Acquired: 6/4/2025 17:48:49 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	.0033296	-.000965	.9120135	-.004558	.0005762	17.66708	.1234195
Stddev	.0015749	.001147	.0047002	.003009	.0004373	.67824	.0057791
%RSD	47.29942	118.8426	.5153636	66.02753	75.88826	3.839028	4.682452
#1	.0036813	-.001274	.9166943	-.006353	.0001563	18.21522	.1283772
#2	.0016086	-.001925	.9072942	-.006237	.0005433	16.90858	.1170724
#3	.0046988	.000305	.9120519	-.001083	.0010290	17.87743	.1248088

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009085	.0001364	173.6589	.0310807	.0119439	.0597030	20.62229
Stddev	.0000244	.0000202	6.9744	.0002787	.0001299	.0007649	.21489
%RSD	2.681787	14.79582	4.016159	.8965778	1.087980	1.281116	1.042034
#1	.0009117	.0001589	179.2109	.0313652	.0120722	.0601649	20.84428
#2	.0008827	.0001304	165.8308	.0308082	.0119473	.0588201	20.41528
#3	.0009311	.0001199	175.9352	.0310687	.0118123	.0601239	20.60732

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4706454	7.219038	.0360035	.0015275	1.327592	.0411048	.0294381
Stddev	.0177777	.296820	.0001486	.0000855	.001863	.0034756	.0002642
%RSD	3.777303	4.111635	.4126627	5.596575	.1402973	8.455391	.8973446
#1	.4847839	7.450406	.0359946	.0015898	1.329742	.0432225	.0292975
#2	.4506872	6.884370	.0358595	.0014300	1.326467	.0370937	.0292740
#3	.4764649	7.322338	.0361563	.0015626	1.326568	.0429983	.0297428

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.203258	.0768422	.0029733	.7274426	.9913585	1.858882	1.153151
Stddev	.009122	.0020630	.0004385	.0048948	.0378146	.012179	.005040
%RSD	.2847852	2.684743	14.74748	.6728804	3.814425	.6551971	.4370633
#1	3.210937	.0786792	.0028310	.7330838	1.019689	1.872914	1.157326
#2	3.193174	.0746102	.0034652	.7243188	.948419	1.852677	1.147552
#3	3.205662	.0772372	.0026236	.7249251	1.005968	1.851055	1.154574

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: Q2178-01LX5 Acquired: 6/4/2025 17:48:49 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	3.926125	-.000011	1.035952
Stddev	.027857	.000636	.051146
%RSD	.7095261	5600.237	4.937071
#1	3.957944	-.000701	1.065323
#2	3.914301	.000115	.976894
#3	3.906131	.000552	1.065638

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2735.354	58832.81	10131.39	1947.033	3656.599
Stddev	9.297	179.80	360.22	1.229	10.997
%RSD	.3398739	.3056033	3.555526	.0631411	.3007384
#1	2726.747	58625.40	9872.98	1948.039	3648.117
#2	2745.213	58928.65	10542.87	1945.663	3669.023
#3	2734.102	58944.38	9978.33	1947.398	3652.656

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: Q2178-01MS Acquired: 6/4/2025 17:53:08 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	**.7290000**	**1.654043**	**.9079828**	**1.694751**	**.2441197**	**153.0814**
Stddev	.0081230	.002109	.0064988	.006961	.0026313	1.1728
%RSD	1.114259	.1275100	.7157354	.4107131	1.077877	.7661460
#1	.7243520	1.655326	.9094058	1.687101	.2436564	154.2790
#2	.7242686	1.655194	.9008905	1.696443	.2417508	153.0303
#3	.7383794	1.651608	.9136522	1.700710	.2469519	151.9350

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.9404456**	**.1613514**	**.1844208**	**1733.411**	**.4837642**	**.2483905**
Stddev	.0084613	.0009596	.0011589	20.692	.0003008	.0021760
%RSD	.8997089	.5946999	.6283972	1.193724	.0621859	.8760295
#1	.9478459	.1624563	.1837995	1756.762	.4840824	.2468246
#2	.9422700	.1607262	.1837050	1717.355	.4837258	.2474718
#3	.9312210	.1608719	.1857578	1726.114	.4834844	.2508752

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4562881**	**145.2059**	**4.807807**	**72.55053**	**.6021180**	**.0692254**
Stddev	.0034209	.8687	.034178	.57043	.0025747	.0013641
%RSD	.7497168	.5982746	.7108796	.7862528	.4276095	1.970582
#1	.4556443	144.9608	4.840243	73.18655	.6008735	.0692712
#2	.4532348	146.1708	4.811059	72.38084	.6004019	.0705661
#3	.4599851	144.4860	4.772120	72.08419	.6050785	.0678389

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**17.50918**	**.4047085**	**.5321081**	**38.72959**	**.7881235**	**.3262748**
Stddev	.17459	.0017299	.0024865	.27034	.0024304	.0025636
%RSD	.9971506	.4274474	.4672851	.6980150	.3083829	.7857269
#1	17.45128	.4065673	.5300993	38.63243	.7891852	.3257516
#2	17.70537	.4031457	.5348890	39.03508	.7898424	.3240131
#3	17.37089	.4044124	.5313360	38.52126	.7853428	.3290597

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: Q2178-01MS Acquired: 6/4/2025 17:53:08 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	.6089490	7.023063	4.227048	17.63391	F 40.71006	.1173437
Stddev	.0025546	.059783	.018810	.05065	.18239	.0051489
%RSD	.4195134	.8512312	.4449987	.2872424	.4480242	4.387915
#1	.6065061	7.079039	4.209165	17.59513	40.61178	.1146657
#2	.6116024	7.030062	4.246665	17.61540	40.59789	.1232797
#3	.6087386	6.960090	4.225314	17.69122	40.92051	.1140856

Elem	Sr4077
Units	ppm
Avg	12.51650
Stddev	.08509
%RSD	.6798264
#1	12.56644
#2	12.56481
#3	12.41825

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2601.360	56947.76	9987.766	1844.681	2970.692
Stddev	11.001	157.96	53.828	7.325	10.830
%RSD	.4228954	.2773810	.5389384	.3970699	.3645601
#1	2610.783	57089.42	9925.665	1852.007	2980.740
#2	2604.025	56777.42	10021.05	1837.358	2972.116
#3	2589.271	56976.43	10016.59	1844.678	2959.221

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: Q2178-01MSD Acquired: 6/4/2025 17:57:23 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	.7922719	1.734598	.9765223	1.828400	.2665880	172.6696
Stddev	.0012541	.010661	.0080290	.007536	.0041204	.7656
%RSD	.1582892	.6146367	.8221985	.4121613	1.545600	.4433751
#1	.7908297	1.735869	.9688890	1.822841	.2710216	173.5528
#2	.7928793	1.723358	.9757823	1.836977	.2658664	172.1960
#3	.7931065	1.744566	.9848957	1.825380	.2628761	172.2599

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.024772	.1760567	.1976814	1955.020	.5440139	.2647130
Stddev	.005825	.0005612	.0006077	7.434	.0029777	.0006829
%RSD	.5683791	.3187486	.3074340	.3802410	.5473640	.2579625
#1	1.031344	.1754088	.1969974	1963.477	.5421043	.2639481
#2	1.020248	.1763684	.1978875	1949.520	.5474450	.2652613
#3	1.022723	.1763928	.1981592	1952.064	.5424924	.2649294

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4835002	155.0346	5.187975	81.07261	.6538573	.0771238
Stddev	.0029232	.2457	.014108	.11725	.0021311	.0004851
%RSD	.6045900	.1585114	.2719457	.1446256	.3259317	.6289360
#1	.4801720	155.1161	5.203659	81.18582	.6514123	.0770835
#2	.4846771	155.2292	5.176318	81.08030	.6553211	.0776278
#3	.4856515	154.7584	5.183948	80.95170	.6548385	.0766602

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.12864	.4371218	.5842142	42.93908	.8681623	.3445809
Stddev	.12791	.0002613	.0020220	.21433	.0020255	.0017272
%RSD	.6354524	.0597864	.3460992	.4991578	.2333087	.5012331
#1	20.27395	.4369200	.5846847	43.14266	.8675880	.3430988
#2	20.07893	.4370283	.5859595	42.95918	.8704129	.3441664
#3	20.03306	.4374170	.5819985	42.71541	.8664860	.3464776

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: Q2178-01MSD Acquired: 6/4/2025 17:57:23 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	**.6532825**	**7.807066**	**4.900727**	F **18.88573**	F **45.87588**	**.1150606**
Stddev	.0019154	.039989	.013825	.04904	.05394	.0010157
%RSD	.2931973	.5122216	.2820938	.2596575	.1175788	.8827642
#1	.6511993	7.852991	4.911631	18.83791	45.84412	.1143193
#2	.6536810	7.779940	4.905372	18.88338	45.84536	.1162184
#3	.6549674	7.788268	4.885178	18.93591	45.93816	.1146443

Elem	Sr4077
Units	ppm
Avg	**14.01471**
Stddev	.15745
%RSD	1.123473
#1	14.19585
#2	13.91062
#3	13.93768

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2570.543**	**55239.75**	**9880.780**	**1809.116**	**2910.708**
Stddev	14.536	181.27	17.601	2.984	16.630
%RSD	.5655030	.3281431	.1781375	.1649642	.5713412
#1	2586.275	55398.50	9899.965	1807.655	2929.280
#2	2567.748	55042.24	9876.999	1807.143	2905.646
#3	2557.607	55278.51	9865.377	1812.549	2897.196

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: Q2178-01A Acquired: 6/4/2025 18:01:39 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	.7957209	1.812546	2.601532	1.895321	.7879228	119.3526
Stddev	.0001970	.015778	.003544	.011983	.0018586	.0283
%RSD	.0247621	.8705109	.1362169	.6322565	.2358798	.0237025
#1	.7954943	1.800200	2.597441	1.881775	.7881182	119.3240
#2	.7958523	1.807116	2.603477	1.904539	.7859743	119.3531
#3	.7958159	1.830323	2.603677	1.899650	.7896760	119.3806

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8185812	.1769221	.1963041	1290.787	.4916782	.2497290
Stddev	.0016330	.0013227	.0001898	11.714	.0104978	.0002752
%RSD	.1994881	.7476090	.0967047	.9074968	2.135103	.1101871
#1	.8197213	.1753948	.1965137	1293.319	.4796032	.2496242
#2	.8167105	.1776924	.1962546	1278.014	.4986378	.2500412
#3	.8193119	.1776792	.1961439	1301.027	.4967935	.2495216

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4846097	114.4143	3.552950	54.71255	.6283436	.0753031
Stddev	.0001867	2.3676	.006228	.21440	.0002502	.0019335
%RSD	.0385167	2.069316	.1753003	.3918673	.0398196	2.567590
#1	.4844709	111.6807	3.546326	54.54337	.6281630	.0731114
#2	.4845363	115.7491	3.558688	54.95367	.6282386	.0767673
#3	.4848219	115.8131	3.553836	54.64061	.6286292	.0760307

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.71170	.4173604	.4432074	32.68958	.6851404	.3698999
Stddev	.23624	.0018435	.0107308	.53411	.0093356	.0002948
%RSD	1.722887	.4417048	2.421169	1.633874	1.362579	.0797085
#1	13.44595	.4191778	.4308169	32.07878	.6745036	.3699849
#2	13.79131	.4154919	.4494870	32.92106	.6919745	.3695718
#3	13.89785	.4174115	.4493183	33.06890	.6889431	.3701428

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: Q2178-01A Acquired: 6/4/2025 18:01:39 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	**2.036230**	**5.459462**	**7.888268**	**14.92140**	F **30.76443**	**.1612135**
Stddev	.003055	.005540	.156028	.01137	.05075	.0017658
%RSD	.1500122	.1014828	1.977979	.0761987	.1649492	1.095285
#1	2.033405	5.455576	7.708181	14.90959	30.73303	.1602019
#2	2.035813	5.465806	7.982919	14.92234	30.73729	.1632524
#3	2.039471	5.457003	7.973705	14.93228	30.82298	.1601863

Elem	Sr4077
Units	ppm
Avg	**9.058006**
Stddev	.070029
%RSD	.7731204
#1	8.985189
#2	9.124867
#3	9.063964

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2593.509**	**56672.10**	**9801.384**	**1854.429**	**3081.190**
Stddev	4.594	1115.31	21.638	36.425	2.713
%RSD	.1771256	1.968008	.2207611	1.964229	.0880474
#1	2598.805	57959.40	9822.438	1896.466	3084.301
#2	2590.605	56061.03	9779.207	1832.184	3079.317
#3	2591.116	55995.88	9802.507	1834.638	3079.952

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: PB168224TB Acquired: 6/4/2025 18:05:52 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	**-.003625**	**-.002199**	**-.001539**	**.0017111**	**.0019976**	**.0119426**	**-.006642**
Stddev	.001714	.000519	.000447	.0025051	.0018905	.0023168	.000706
%RSD	47.27844	23.61182	29.06775	146.4033	94.63636	19.39923	10.63537
#1	-.001770	-.001835	-.001037	.0026803	.0012294	.0095948	-.006020
#2	-.005150	-.002793	-.001897	.0035867	.0041512	.0142270	-.006496
#3	-.003955	-.001968	-.001682	-.001134	.0006122	.0120060	-.007410

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000176**	**-.000076**	**.0045220**	**.0007447**	**-.000418**	**.0013566**	**.0273839**
Stddev	.000066	.000102	.0031566	.0002096	.000199	.0004638	.0023347
%RSD	37.48578	133.1169	69.80377	28.14772	47.43672	34.19223	8.525901
#1	-.000244	.000027	.0008772	.0009762	-.000190	.0013161	.0272943
#2	-.000173	-.000079	.0063455	.0006899	-.000546	.0009143	.0297621
#3	-.000112	-.000177	.0063434	.0005679	-.000519	.0018393	.0250952

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0002601**	**.0227077**	**.0008928**	**.0004197**	**348.9641**	**.0002467**	**.0030194**
Stddev	.0002081	.0075039	.0002261	.0000391	25.0235	.0012584	.0003679
%RSD	80.00576	33.04571	25.32176	9.303001	7.170784	510.0632	12.18550
#1	.0001477	.0219817	.0009270	.0004640	337.1076	-.000330	.0027871
#2	.0001324	.0155932	.0010998	.0003901	377.7121	.001690	.0034436
#3	.0005002	.0305483	.0006516	.0004051	332.0726	-.000620	.0028274

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0668063**	**.0012669**	**.0003304**	**-.000037**	**.0000792**	**.0081803**	**.0022442**
Stddev	.0294312	.0002804	.0001936	.000519	.0005511	.0143118	.0041796
%RSD	44.05463	22.13504	58.58790	1406.041	695.8364	174.9559	186.2411
#1	.0913849	.0009537	.0001751	-.000571	-.000481	.0048642	.0065963
#2	.0748422	.0014947	.0005473	.000466	.000621	.0238591	-.001738
#3	.0341917	.0013524	.0002688	-.000006	.000098	-.004182	.001875

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: PB168224TB Acquired: 6/4/2025 18:05:52 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	.0115714	-.004780	.0001064
Stddev	.0020460	.000976	.0000262
%RSD	17.68184	20.41992	24.63790
#1	.0123161	-.005501	.0000875
#2	.0131408	-.005170	.0001363
#3	.0092573	-.003669	.0000954

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2744.282	56991.64	10166.42	1854.178	3688.736
Stddev	9.326	3536.22	13.33	111.311	9.428
%RSD	.3398294	6.204802	.1311346	6.003257	.2555891
#1	2752.237	58880.41	10162.87	1924.055	3690.779
#2	2746.590	52912.09	10181.16	1725.815	3696.975
#3	2734.019	59182.42	10155.22	1912.663	3678.454

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: Q2168-02 Acquired: 6/4/2025 18:10:20 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	.0223639	-.009451	.0225984	.0049379	.0058446	.1269874	.4847216
Stddev	.0013272	.000992	.0014566	.0026910	.0011227	.0048263	.0021341
%RSD	5.934677	10.49779	6.445584	54.49729	19.20907	3.800605	.4402642
#1	.0212949	-.010596	.0219799	.0018307	.0046457	.1272699	.4839400
#2	.0219475	-.008860	.0215532	.0065167	.0060171	.1220261	.4830886
#3	.0238494	-.008896	.0242622	.0064662	.0068711	.1316663	.4871363

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010086	-.000359	2.130880	-.000418	.0174645	.0632966	97.75951
Stddev	.0000417	.000179	.002949	.000372	.0000700	.0003319	1.30151
%RSD	4.136139	49.75027	.1383992	88.88177	.4009681	.5242975	1.331342
#1	.0010535	-.000257	2.134268	.000010	.0174556	.0636481	96.79685
#2	.0010015	-.000565	2.128889	-.000612	.0173994	.0629887	99.24029
#3	.0009710	-.000255	2.129483	-.000654	.0175386	.0632529	97.24140

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4029093	.8232899	.0579542	.0051108	378.1571	.0036178	1.098351
Stddev	.0009874	.0231719	.0001456	.0003824	4.2275	.0013785	.017290
%RSD	.2450608	2.814545	.2512880	7.482757	1.117932	38.10353	1.574200
#1	.4021703	.8201367	.0578453	.0051543	376.1529	.0051344	1.086110
#2	.4040307	.8478769	.0581196	.0047084	383.0140	.0032777	1.118130
#3	.4025271	.8018561	.0578976	.0054695	375.3044	.0024411	1.090812

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.371369	.3164779	.0409083	-.001273	.0004959	5.965269	.0453193
Stddev	.010673	.0029224	.0001907	.000712	.0004108	.092458	.0021734
%RSD	.7783075	.9233970	.4661462	55.96951	82.83972	1.549940	4.795630
#1	1.359733	.3149919	.0406956	-.001862	.0007072	5.914016	.0441259
#2	1.380704	.3198446	.0410640	-.000481	.0007582	6.072003	.0440042
#3	1.373670	.3145971	.0409654	-.001476	.0000225	5.909789	.0478279

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: Q2168-02 Acquired: 6/4/2025 18:10:20 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	1.236479	.0356682	-.078969
Stddev	.003657	.0003479	.001332
%RSD	.2957933	.9755179	1.686395
#1	1.232503	.0360146	-.078056
#2	1.239699	.0353187	-.080497
#3	1.237236	.0356712	-.078355

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2730.293	57411.75	9997.828	1877.487	3663.769
Stddev	11.964	735.66	12.056	22.555	12.523
%RSD	.4381876	1.281374	.1205821	1.201316	.3418098
#1	2736.622	57804.91	9984.737	1893.280	3670.900
#2	2737.764	56563.04	10000.27	1851.656	3671.098
#3	2716.495	57867.29	10008.47	1887.524	3649.309

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: Q2168-06 Acquired: 6/4/2025 18:14:41 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	.0226747	-.008177	.0131400	.0052490	.0054982	.0824049	.4013419
Stddev	.0004465	.000697	.0012520	.0025099	.0030948	.0043597	.0006644
%RSD	1.969044	8.529012	9.527891	47.81589	56.28791	5.290630	.1655386
#1	.0222861	-.008892	.0142262	.0065582	.0019860	.0874291	.4021084
#2	.0231624	-.007499	.0134230	.0023552	.0078253	.0796187	.4009327
#3	.0225755	-.008139	.0117707	.0068335	.0066833	.0801668	.4009845

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010257	.0001582	2.339847	-.000113	.0213007	.0625302	85.82996
Stddev	.0000424	.0005516	.008892	.000171	.0001472	.0012745	4.29137
%RSD	4.130420	348.7429	.3800209	151.3540	.6908729	2.038232	4.999848
#1	.0009785	-.000207	2.346511	-.000133	.0211331	.0617892	88.50202
#2	.0010382	.000793	2.329750	-.000273	.0213605	.0640019	80.87995
#3	.0010604	-.000111	2.343279	.000067	.0214085	.0617996	88.10793

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3472739	1.012222	.0407945	.0036812	282.1206	.0046087	1.049505
Stddev	.0012234	.005777	.0004336	.0002949	15.4939	.0015414	.064385
%RSD	.3522719	.5707203	1.062780	8.010284	5.491954	33.44622	6.134793
#1	.3484898	1.014577	.0412222	.0039415	289.9297	.0028481	1.084935
#2	.3472886	1.016449	.0403553	.0037411	264.2760	.0057152	.975186
#3	.3460433	1.005639	.0408059	.0033609	292.1561	.0052629	1.088393

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.152613	.2618451	.0550862	-.001015	.0003743	6.568047	.0461313
Stddev	.056949	.0126390	.0004485	.000249	.0006322	.334373	.0013600
%RSD	4.940841	4.826887	.8141262	24.55960	168.9230	5.090911	2.948129
#1	1.159058	.2697560	.0554483	-.001293	-.000313	6.759744	.0456719
#2	1.092716	.2472686	.0545846	-.000944	.000932	6.181949	.0450604
#3	1.206065	.2685107	.0552258	-.000809	.000504	6.762448	.0476615

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: Q2168-06 Acquired: 6/4/2025 18:14:41 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	.9962913	.0308510	-.065468
Stddev	.0034821	.0023094	.004130
%RSD	.3495031	7.485612	6.308964
#1	.9972661	.0313128	-.068045
#2	.9924257	.0283456	-.060704
#3	.9991821	.0328946	-.067655

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2725.507	61545.95	9779.399	1995.394	3667.564
Stddev	21.307	3126.91	21.454	106.127	26.703
%RSD	.7817778	5.080607	.2193801	5.318598	.7280920
#1	2703.928	59745.78	9761.568	1942.778	3639.447
#2	2746.531	65156.59	9803.208	2117.549	3692.584
#3	2726.062	59735.48	9773.420	1925.855	3670.661

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: Q2168-10 Acquired: 6/4/2025 18:19:03 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	.0603632	-.010940	.0423242	.0053484	.0094926	.2664542	.6815877
Stddev	.0020247	.001479	.0011719	.0045949	.0007845	.0029185	.0014750
%RSD	3.354179	13.52193	2.768764	85.91133	8.264628	1.095305	.2164120
#1	.0587202	-.012402	.0436392	.0000431	.0089985	.2656512	.6830032
#2	.0626251	-.010973	.0419431	.0080579	.0090821	.2696901	.6800596
#3	.0597444	-.009444	.0413904	.0079443	.0103972	.2640212	.6817003

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010963	-.000728	5.702338	.0034228	.0398048	.0639961	104.5888
Stddev	.0000476	.000154	.020192	.0000843	.0001787	.0007080	.4391
%RSD	4.345127	21.14859	.3541020	2.461958	.4489681	1.106351	.4197942
#1	.0011431	-.000864	5.719980	.0033318	.0398152	.0633836	105.0004
#2	.0010979	-.000561	5.680315	.0034982	.0396210	.0638332	104.1266
#3	.0010479	-.000758	5.706719	.0034384	.0399780	.0647713	104.6394

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8390688	1.574140	.1331261	.0063928	444.4028	.0034577	2.585978
Stddev	.0041920	.010088	.0006428	.0004863	.9508	.0014928	.008438
%RSD	.4995971	.6408630	.4828442	7.606787	.2139456	43.17260	.3263024
#1	.8431029	1.573988	.1329206	.0066256	445.4981	.0020880	2.579304
#2	.8347350	1.564128	.1326111	.0058338	443.7897	.0050488	2.583166
#3	.8393684	1.584303	.1338465	.0067189	443.9207	.0032363	2.595463

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.852215	.4668000	.0726934	-.001372	.0041499	10.62753	.0344232
Stddev	.049068	.0021337	.0005805	.000528	.0003032	.05125	.0031393
%RSD	1.720355	.4570888	.7985950	38.49398	7.305156	.4822793	9.119802
#1	2.905351	.4667170	.0722580	-.000934	.0042403	10.68583	.0316493
#2	2.808614	.4647090	.0724698	-.001224	.0043975	10.58955	.0378311
#3	2.842681	.4689740	.0733525	-.001959	.0038118	10.60721	.0337891

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: Q2168-10 Acquired: 6/4/2025 18:19:03 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	**2.970304**	**.0384275**	**-.068187**
Stddev	.012173	.0006862	.000311
%RSD	.4098291	1.785707	.4553634
#1	2.956580	.0391810	-.068484
#2	2.974538	.0382630	-.067864
#3	2.979795	.0378385	-.068213

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2678.015**	**57429.34**	**10340.33**	**1901.154**	**3575.948**
Stddev	12.394	221.62	31.70	1.152	18.220
%RSD	.4628085	.3859054	.3065855	.0606047	.5095250
#1	2682.903	57317.39	10326.20	1900.682	3585.910
#2	2687.219	57684.61	10376.64	1902.467	3587.016
#3	2663.922	57286.02	10318.15	1900.312	3554.919

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: Q2177-03 Acquired: 6/4/2025 18:23:23 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	**-.006851**	**-.002332**	**.1161845**	**.0044288**	**.0015948**	**.1390918**	**.1969971**
Stddev	.000212	.001665	.0003124	.0031430	.0015776	.0007722	.0008026
%RSD	3.098941	71.38560	.2688692	70.96876	98.92200	.5551845	.4074289
#1	-.006696	-.000776	.1158244	.0014864	.0006651	.1393231	.1970256
#2	-.006764	-.004087	.1163835	.0040600	.0007030	.1382304	.1961806
#3	-.007093	-.002132	.1163454	.0077399	.0034162	.1397220	.1977851

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000018**	**.0001647**	**42.03845**	**.0035455**	**.0099377**	**.0220652**	**1.392098**
Stddev	.000035	.0000373	.14974	.0001930	.0001387	.0002247	.007991
%RSD	192.0021	22.62675	.3562073	5.443280	1.396022	1.018506	.5740330
#1	-.000003	.0001509	42.00530	.0033318	.0097838	.0222525	1.385847
#2	-.000058	.0001363	41.90807	.0035977	.0099763	.0221272	1.401101
#3	.000007	.0002069	42.20200	.0037070	.0100530	.0218160	1.389345

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5783836**	**1.866693**	**.0076695**	**.0000257**	**385.5718**	**.0012059**	**.0910799**
Stddev	.0021059	.005260	.0001851	.0003547	1.9161	.0013024	.0008371
%RSD	.3641044	.2817934	2.413657	1380.506	.4969551	108.0047	.9190925
#1	.5772502	1.861314	.0077526	-.000240	385.1211	.0020301	.0905289
#2	.5770871	1.866938	.0077985	-.000111	387.6731	.0018832	.0920432
#3	.5808135	1.871826	.0074574	.000428	383.9212	-.000296	.0906675

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**5.684728**	**.0214575**	**.0005663**	**-.002765**	**-.001188**	**.7009978**	**.0044888**
Stddev	.039801	.0007255	.0003040	.001179	.000751	.0079710	.0009681
%RSD	.7001386	3.381060	53.67901	42.64108	63.17773	1.137087	21.56636
#1	5.678670	.0206842	.0002433	-.001456	-.001145	.7095673	.0054313
#2	5.727210	.0215652	.0008468	-.003744	-.001960	.6996214	.0034971
#3	5.648303	.0221232	.0006089	-.003095	-.000460	.6938046	.0045380

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: Q2177-03 Acquired: 6/4/2025 18:23:23 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	.8440788	-.005067	.1274204
Stddev	.0059196	.000970	.0003710
%RSD	.7013099	19.14378	.2911281
#1	.8372438	-.006163	.1275207
#2	.8474375	-.004718	.1270096
#3	.8475551	-.004319	.1277309

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2696.644	57403.82	9737.636	1894.426	3571.883
Stddev	6.553	97.07	45.774	6.078	6.738
%RSD	.2429880	.1690993	.4700701	.3208440	.1886382
#1	2699.160	57473.86	9750.474	1901.201	3578.494
#2	2701.566	57444.58	9775.620	1889.450	3572.129
#3	2689.206	57293.01	9686.814	1892.628	3565.025

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: CCV03 Acquired: 6/4/2025 18:37:43 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	**4.794633**	**4.608650**	**4.750279**	**4.853966**	**4.834111**	**9.254938**	**9.127914**
Stddev	.031294	.042373	.026190	.025149	.035061	.039210	.066441
%RSD	.6526783	.9194181	.5513461	.5181029	.7252891	.4236620	.7278835
#1	4.780992	4.612048	4.725284	4.833829	4.813279	9.249201	9.123877
#2	4.772476	4.649221	4.748033	4.845915	4.814464	9.296701	9.196282
#3	4.830432	4.564680	4.777520	4.882155	4.874591	9.218913	9.063585

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2314587**	**2.385127**	**22.85943**	**.9529012**	**2.382516**	**1.217945**	**4.730251**
Stddev	.0001826	.014224	.08633	.0006010	.014620	.008639	.037545
%RSD	.0789081	.5963577	.3776713	.0630657	.6136269	.7093423	.7937108
#1	.2315692	2.376109	22.81183	.9523311	2.372638	1.213482	4.695520
#2	.2312479	2.377747	22.95909	.9528437	2.375600	1.212451	4.770087
#3	.2315590	2.401523	22.80738	.9535289	2.399311	1.227904	4.725146

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.294272**	**22.84656**	**2.403510**	**1.193904**	**23.90454**	**2.284838**	**2.365768**
Stddev	.007013	.10975	.015328	.003932	.11417	.010947	.006270
%RSD	.3056548	.4803869	.6377232	.3293490	.4776155	.4791094	.2650468
#1	2.287970	22.80611	2.393216	1.192246	23.86930	2.278903	2.370091
#2	2.301826	22.97080	2.396188	1.198393	24.03218	2.297470	2.368636
#3	2.293020	22.76277	2.421125	1.191072	23.81215	2.278140	2.358576

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**23.64697**	**4.588243**	**4.770490**	**4.670712**	**4.581809**	**4.828302**	**4.740295**
Stddev	.11563	.002967	.025601	.022575	.021798	.015458	.027213
%RSD	.4889683	.0646638	.5366430	.4833272	.4757579	.3201539	.5740820
#1	23.58962	4.589067	4.754966	4.651705	4.572437	4.828408	4.713461
#2	23.78006	4.584951	4.756467	4.664768	4.606726	4.843706	4.739551
#3	23.57123	4.590711	4.800039	4.695665	4.566264	4.812790	4.767872

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: CCV03 Acquired: 6/4/2025 18:37:43 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	**4.586315**	**4.633319**	**4.639444**
Stddev	.026652	.009183	.020043
%RSD	.5811201	.1981892	.4320086
#1	4.569541	4.630455	4.632233
#2	4.572358	4.643592	4.624005
#3	4.617047	4.625910	4.662095

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2825.000**	**59324.39**	**9268.282**	**1980.818**	**3824.831**
Stddev	14.639	312.45	21.504	13.194	18.212
%RSD	.5182041	.5266802	.2320213	.6661133	.4761628
#1	2833.799	59508.15	9285.864	1983.826	3837.684
#2	2833.101	58963.63	9244.306	1966.379	3832.819
#3	2808.101	59501.40	9274.676	1992.249	3803.989

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: CCB03 Acquired: 6/4/2025 18:42:54 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	**-.002674**	**.0008948**	**-.000315**	**.0017358**	**.0008365**	**.0036915**	**-.004716**
Stddev	.002446	.0025594	.000955	.0011141	.0012297	.0046862	.000583
%RSD	91.49554	286.0136	303.1761	64.18539	147.0044	126.9462	12.35820
#1	-.000806	.0007007	-.001310	.0029395	.0021622	.0018984	-.004958
#2	-.001772	-.001562	.000595	.0015271	-.000267	.0090094	-.005138
#3	-.005443	.003546	-.000230	.0007408	.000614	.0001666	-.004051

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000022**	**.0000518**	**.0092120**	**.0001796**	**-.000058**	**.0006878**	**.0135597**
Stddev	.000027	.0000397	.0025645	.0004201	.000284	.0006138	.0030035
%RSD	121.8394	76.61202	27.83880	233.9597	493.1893	89.23573	22.14994
#1	-.000016	.0000937	.0101179	.0002089	-.000298	.0002343	.0167856
#2	-.000052	.0000468	.0112007	-.000254	.000255	.0013863	.0130494
#3	.000001	.0000149	.0063175	.000584	-.000129	.0004429	.0108441

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000050**	**.0095770**	**.0003872**	**.0003091**	**-.045801**	**-.000257**	**.0027795**
Stddev	.000142	.0183950	.0001672	.0004999	.025870	.000912	.0000623
%RSD	285.7381	192.0757	43.17836	161.7000	56.48243	355.6372	2.242796
#1	-.000051	.0033706	.0002093	-.000087	-.067485	.000270	.0027552
#2	.000093	-.004912	.0005410	.000871	-.052752	-.001310	.0027330
#3	-.000191	.030272	.0004112	.000144	-.017166	.000270	.0028504

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0063088**	**.0090231**	**.0006019**	**.0016942**	**.0005240**	**.0027309**	**-.003485**
Stddev	.0149895	.0004413	.0001280	.0005829	.0004844	.0077966	.001660
%RSD	237.5986	4.890651	21.26470	34.40779	92.44491	285.4914	47.62912
#1	.0096621	.0088986	.0006333	.0010568	.0006710	-.002511	-.005342
#2	-.010073	.0095132	.0007112	.0022003	-.000017	.011691	-.002967
#3	.019338	.0086574	.0004611	.0018253	.000918	-.000987	-.002146

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: CCB03 Acquired: 6/4/2025 18:42:54 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	.0018499	-.001955	.0001763
Stddev	.0001619	.000427	.0000297
%RSD	8.753003	21.86582	16.86218
#1	.0020144	-.002407	.0001590
#2	.0016907	-.001557	.0001592
#3	.0018448	-.001901	.0002106

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2960.065	63912.19	10007.84	2104.982	4186.783
Stddev	15.707	91.34	13.62	5.341	19.491
%RSD	.5306162	.1429126	.1360434	.2537116	.4655445
#1	2965.455	63995.10	9992.20	2110.981	4194.760
#2	2972.366	63927.20	10017.07	2103.218	4201.020
#3	2942.372	63814.28	10014.25	2100.746	4164.568

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: Q2177-05 Acquired: 6/4/2025 18:47:13 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	**-.004492**	**-.003220**	**.0059066**	**.0051648**	**.0024487**	**.0985711**	**.2003784**
Stddev	.001440	.000566	.0011875	.0006106	.0013948	.0053405	.0012821
%RSD	32.05660	17.57301	20.10511	11.82218	56.96067	5.417950	.6398454
#1	-.003589	-.003833	.0065997	.0050966	.0033960	.0996332	.2018526
#2	-.006153	-.003108	.0045354	.0045912	.0031031	.0927793	.1995238
#3	-.003734	-.002718	.0065848	.0058066	.0008470	.1033008	.1997587

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000162**	**-.000083**	**8.283017**	**.0005830**	**.0003625**	**.0062842**	**.1121775**
Stddev	.000017	.000029	.035764	.0005032	.0001286	.0003742	.0045321
%RSD	10.46958	35.06364	.4317751	86.30708	35.48440	5.954046	4.040069
#1	-.000146	-.000081	8.300439	.0000664	.0004781	.0066412	.1069988
#2	-.000180	-.000055	8.241880	.0006111	.0002239	.0058950	.1154188
#3	-.000162	-.000113	8.306730	.0010716	.0003855	.0063163	.1141149

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0659915**	**2.859958**	**.0015413**	**.0001795**	**340.1850**	**.0021578**	**.1193502**
Stddev	.0006260	.007511	.0002169	.0002058	18.0656	.0023658	.0081493
%RSD	.9486569	.2626200	14.07240	114.6184	5.310508	109.6381	6.828066
#1	.0655804	2.868309	.0014215	.0002757	319.3641	-.000186	.1099565
#2	.0656822	2.853755	.0014108	.0003196	351.7049	.004545	.1235668
#3	.0667120	2.857812	.0017917	-.000057	349.4861	.002115	.1245273

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.831483**	**.0707459**	**.0004852**	**-.000984**	**.0013170**	**.3936586**	**.0122663**
Stddev	.106515	.0004096	.0000810	.000727	.0003449	.0186723	.0016991
%RSD	5.815804	.5789706	16.68679	73.84668	26.18686	4.743277	13.85157
#1	1.708594	.0703922	.0005738	-.001508	.0016721	.3720981	.0107931
#2	1.888546	.0706508	.0004150	-.001290	.0009833	.4045583	.0141250
#3	1.897310	.0711947	.0004667	-.000155	.0012957	.4043194	.0118807

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: Q2177-05 Acquired: 6/4/2025 18:47:13 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	1.334578	-.003833	.0631100
Stddev	.005978	.000473	.0001300
%RSD	.4479354	12.34938	.2059564
#1	1.333911	-.003568	.0630500
#2	1.328962	-.003551	.0630209
#3	1.340862	-.004380	.0632592

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2727.011	60724.15	9899.307	1999.039	3665.974
Stddev	4.457	3726.00	21.862	120.468	3.527
%RSD	.1634414	6.135947	.2208393	6.026319	.0961970
#1	2722.195	65021.56	9883.431	2137.826	3662.111
#2	2730.992	58755.12	9924.242	1937.776	3666.792
#3	2727.846	58395.76	9890.247	1921.514	3669.021

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: Q2177-07 Acquired: 6/4/2025 18:51:40 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	**-.004516**	**-.004032**	**.0401960**	**.0054023**	**.0030418**	**.1183446**	**.1608559**
Stddev	.001209	.001158	.0014651	.0049407	.0008313	.0032436	.0004938
%RSD	26.76680	28.73212	3.644845	91.45527	27.32843	2.740793	.3069755
#1	-.003366	-.004503	.0418382	.0105303	.0020875	.1146336	.1613573
#2	-.004405	-.002712	.0397269	.0006732	.0034294	.1206385	.1608403
#3	-.005776	-.004880	.0390229	.0050033	.0036084	.1197616	.1603701

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000101**	**.0000039**	**33.59423**	**.0016796**	**.0021496**	**.0044516**	**.4797762**
Stddev	.000026	.0000894	.08014	.0003283	.0003448	.0002208	.0015172
%RSD	25.76882	2278.620	.2385494	19.54756	16.04001	4.960397	.3162263
#1	-.000080	-.000011	33.68668	.0020128	.0018606	.0046776	.4790215
#2	-.000130	.000100	33.54444	.0013564	.0020569	.0042364	.4815227
#3	-.000092	-.000077	33.55158	.0016697	.0025313	.0044406	.4787844

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4899337**	**3.023395**	**.0040289**	**.0000798**	**350.9132**	**.0012604**	**.1146014**
Stddev	.0013812	.005058	.0001364	.0002657	5.8784	.0009721	.0010995
%RSD	.2819139	.1673064	3.385126	333.0796	1.675183	77.12284	.9594136
#1	.4913138	3.028877	.0041128	-.000009	346.8691	.0017497	.1143314
#2	.4885514	3.018909	.0041023	-.000130	348.2140	.0018907	.1136620
#3	.4899361	3.022397	.0038715	.000378	357.6564	.0001409	.1158107

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.540257**	**.0297508**	**.0009404**	**-.002541**	**-.000967**	**.6560211**	**.0066815**
Stddev	.067137	.0010940	.0001589	.000732	.000227	.0044549	.0007384
%RSD	2.642937	3.677172	16.89236	28.80180	23.44378	.6790741	11.05056
#1	2.515283	.0297008	.0010386	-.003259	-.000826	.6604811	.0060583
#2	2.489186	.0308689	.0010255	-.001796	-.001229	.6515714	.0064893
#3	2.616303	.0286826	.0007571	-.002568	-.000847	.6560108	.0074970

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: Q2177-07 Acquired: 6/4/2025 18:51:40 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	.8542022	-.007471	.1043485
Stddev	.0094561	.000481	.0002460
%RSD	1.107007	6.434042	.2357371
#1	.8564560	-.007960	.1046316
#2	.8438228	-.007452	.1042265
#3	.8623277	-.007000	.1041874

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2749.915	58444.84	10144.35	1914.869	3663.675
Stddev	6.616	719.21	32.27	21.527	9.556
%RSD	.2405743	1.230587	.3181498	1.124206	.2608335
#1	2754.410	58994.18	10107.83	1922.330	3666.989
#2	2753.016	58709.56	10169.03	1931.673	3671.133
#3	2742.318	57630.78	10156.21	1890.604	3652.903

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: Q2185-04 Acquired: 6/4/2025 18:56:07 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	**-.006217**	**-.003628**	**.0007931**	**.0047163**	**-.000371**	**.1481055**	**.4655174**
Stddev	.000714	.001351	.0005615	.0048242	.001157	.0079800	.0013844
%RSD	11.48860	37.22039	70.80456	102.2886	312.0688	5.388048	.2973948
#1	-.007027	-.004929	.0001573	-.000854	-.001495	.1530410	.4651035
#2	-.005947	-.003723	.0010007	.007529	.000816	.1523764	.4670616
#3	-.005678	-.002233	.0012212	.007474	-.000433	.1388989	.4643872

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0000362**	**.0000259**	**25.05654**	**.0005772**	**-.000043**	**.0070152**	**.0312351**
Stddev	.0000260	.0000485	.10821	.0003262	.000406	.0001778	.0028823
%RSD	71.88461	187.5119	.4318610	56.50957	944.6949	2.533868	9.227704
#1	.0000434	-.000027	25.09161	.0002654	.000326	.0070001	.0316405
#2	.0000073	.000068	25.14286	.0005501	-.000478	.0072001	.0338931
#3	.0000579	.000037	24.93514	.0009161	.000023	.0068455	.0281715

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3182737**	**3.946099**	**.0057343**	**-.000063**	**301.8200**	**.0008922**	**.2061454**
Stddev	.0017950	.025053	.0004412	.000317	1.3495	.0007390	.0021208
%RSD	.5639907	.6348734	7.693161	499.8404	.4471076	82.83036	1.028769
#1	.3166810	3.962839	.0052532	.000294	302.8126	.0000438	.2071007
#2	.3202188	3.958161	.0061198	-.000312	302.3639	.0012369	.2076205
#3	.3179211	3.917297	.0058299	-.000173	300.2834	.0013958	.2037150

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.6784073**	**.1062628**	**.0000919**	**-.002144**	**-.001302**	**.4362736**	**.0054989**
Stddev	.0248878	.0009454	.0001534	.000616	.000828	.0086142	.0034495
%RSD	3.668564	.8897214	166.8030	28.74107	63.61159	1.974499	62.73009
#1	.6514547	.1061257	.0002477	-.001890	-.002252	.4458991	.0091695
#2	.7005190	.1072693	.0000871	-.001696	-.000923	.4336327	.0050031
#3	.6832483	.1053934	-.000059	-.002847	-.000731	.4292890	.0023242

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: Q2185-04 Acquired: 6/4/2025 18:56:07 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	.7588915	-.007312	.0744197
Stddev	.0104016	.000746	.0002027
%RSD	1.370632	10.20862	.2723295
#1	.7615550	-.006550	.0743222
#2	.7474171	-.008042	.0746527
#3	.7677023	-.007345	.0742842

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2769.771	59112.00	10065.51	1952.205	3673.810
Stddev	6.330	410.07	53.21	16.842	3.702
%RSD	.2285496	.6937089	.5286066	.8627197	.1007573
#1	2772.522	58801.00	10038.70	1937.647	3673.424
#2	2774.260	58958.28	10031.05	1948.317	3677.690
#3	2762.531	59576.71	10126.79	1970.651	3670.317

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: Q2185-08 Acquired: 6/4/2025 19:00:32 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	**-.005948**	**-.004033**	**.0050185**	**.0068473**	**.0006092**	**.0740724**	**.5534110**
Stddev	.002016	.002163	.0015092	.0019536	.0013382	.0065085	.0009310
%RSD	33.89470	53.63258	30.07345	28.53004	219.6739	8.786729	.1682309
#1	-.008143	-.006297	.0049614	.0068299	.0005166	.0673357	.5537820
#2	-.004178	-.003814	.0035386	.0049026	-.000680	.0745558	.5540993
#3	-.005523	-.001988	.0065555	.0088095	.001991	.0803258	.5523517

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0000755**	**-.000044**	**18.37119**	**.0005064**	**-.000400**	**.0084812**	**.0126048**
Stddev	.0000218	.000045	.00828	.0003499	.000208	.0002429	.0016351
%RSD	28.83930	102.8857	.0450575	69.09428	52.01983	2.863535	12.97162
#1	.0000976	-.000026	18.37969	.0001335	-.000472	.0082904	.0142993
#2	.0000540	-.000096	18.36315	.0005582	-.000562	.0083987	.0110365
#3	.0000751	-.000011	18.37073	.0008275	-.000165	.0087546	.0124788

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0135109**	**3.462949**	**.0045715**	**.0001501**	**397.9452**	**-.000694**	**.2020966**
Stddev	.0000492	.020822	.0000702	.0001952	13.2401	.000612	.0087009
%RSD	.3638694	.6012691	1.535882	130.0300	3.327128	88.19496	4.305320
#1	.0134890	3.477736	.0046511	.0002721	398.5015	-.000462	.2026882
#2	.0135672	3.439138	.0045451	.0002533	384.4357	-.001389	.1931150
#3	.0134765	3.471973	.0045184	-.000075	410.8984	-.000232	.2104866

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.9736334**	**.1110059**	**.0002376**	**-.002391**	**-.000733**	**.8424990**	**.2189039**
Stddev	.0088285	.0015862	.0002747	.000207	.000398	.0353388	.0028414
%RSD	.9067584	1.428929	115.6195	8.663389	54.29617	4.194527	1.297996
#1	.9686489	.1122200	.0001465	-.002528	-.001181	.8424463	.2179410
#2	.9684245	.1092112	.0005462	-.002152	-.000599	.8071865	.2166691
#3	.9838269	.1115865	.0000200	-.002492	-.000420	.8778642	.2221016

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: Q2185-08 Acquired: 6/4/2025 19:00:32 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	.5561206	-.003208	.0561260
Stddev	.0022985	.000307	.0002545
%RSD	.4133045	9.573230	.4534252
#1	.5585507	-.003161	.0561413
#2	.5539815	-.003536	.0563724
#3	.5558296	-.002927	.0558641

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2766.450	60561.06	10125.70	2014.643	3688.592
Stddev	8.710	2169.87	22.05	80.904	11.638
%RSD	.3148355	3.582946	.2177235	4.015806	.3155147
#1	2771.314	60291.95	10115.49	2017.543	3698.735
#2	2771.641	62852.93	10151.00	2094.059	3691.156
#3	2756.395	58538.29	10110.61	1932.328	3675.886

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: Q2185-08DUP Acquired: 6/4/2025 19:04:57 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	**-.006215**	**-.004372**	**.0022842**	**.0021490**	**.0016868**	**.0617432**	**.3786719**
Stddev	.002544	.000427	.0002180	.0031313	.0019928	.0039863	.0027222
%RSD	40.92731	9.773695	9.541945	145.7070	118.1348	6.456173	.7188912
#1	-.007124	-.004336	.0020641	.0041248	-.000550	.0583486	.3755286
#2	-.008180	-.003964	.0024999	.0037837	.002340	.0661327	.3802253
#3	-.003342	-.004817	.0022886	-.001461	.003271	.0607483	.3802619

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000040**	**.0000041**	**13.03673**	**.0003749**	**-.000610**	**.0061303**	**.0134142**
Stddev	.000019	.0001022	.06124	.0001225	.000180	.0003531	.0024634
%RSD	47.43235	2489.301	.4697772	32.68067	29.43517	5.759396	18.36436
#1	-.000056	-.000109	12.98109	.0005083	-.000443	.0057236	.0160347
#2	-.000019	.000031	13.10235	.0003491	-.000800	.0063087	.0130624
#3	-.000044	.000090	13.02676	.0002674	-.000588	.0063585	.0111456

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0093840**	**2.515121**	**.0029754**	**.0001207**	**268.2294**	**.0009233**	**.1498369**
Stddev	.0002128	.018934	.0000635	.0003609	2.9437	.0017241	.0016423
%RSD	2.268075	.7528224	2.133835	299.0138	1.097450	186.7351	1.096069
#1	.0091837	2.494844	.0030196	-.000283	265.7282	-.000916	.1482303
#2	.0093607	2.518181	.0030039	.000234	271.4733	.002502	.1515127
#3	.0096074	2.532340	.0029026	.000411	267.4869	.001184	.1497678

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.6260844**	**.0856176**	**.0003283**	**-.001303**	**-.000778**	**.5834016**	**.1550559**
Stddev	.0143036	.0005532	.0001870	.000458	.000467	.0100666	.0025265
%RSD	2.284607	.6460987	56.96111	35.14702	59.97850	1.725508	1.629429
#1	.6096422	.0854428	.0002750	-.001312	-.000911	.5720295	.1549370
#2	.6356589	.0851730	.0005362	-.000841	-.001164	.5870032	.1525910
#3	.6329522	.0862371	.0001738	-.001756	-.000259	.5911720	.1576398

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: Q2185-08DUP Acquired: 6/4/2025 19:04:57 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	.4074595	-.003325	.0393426
Stddev	.0066957	.000449	.0003278
%RSD	1.643277	13.50176	.8332312
#1	.4021839	-.003690	.0390655
#2	.4149920	-.003461	.0397044
#3	.4052026	-.002824	.0392578

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2773.037	59595.71	9549.290	1970.536	3729.421
Stddev	19.239	248.48	26.038	9.927	27.781
%RSD	.6937918	.4169395	.2726706	.5037884	.7449084
#1	2783.948	59882.03	9578.019	1981.306	3747.173
#2	2750.822	59468.49	9527.246	1968.552	3697.405
#3	2784.340	59436.60	9542.605	1961.751	3743.683

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: Q2185-08LX5 Acquired: 6/4/2025 19:09:23 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	**-.002821**	**-.000580**	**.0007542**	**.0002681**	**.0011669**	**.0215074**	**.1101968**
Stddev	.001957	.000940	.0017028	.0020128	.0008070	.0042601	.0009373
%RSD	69.36165	162.1289	225.7659	750.7959	69.16210	19.80774	.8505615
#1	-.004828	-.001666	.0018129	.0001093	.0009557	.0193650	.1096625
#2	-.002715	-.000038	-.001210	.0023556	.0020585	.0187436	.1096488
#3	-.000919	-.000036	.001660	-.001661	.0004864	.0264134	.1112791

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000045**	**-.000006**	**3.919418**	**.0000654**	**-.000035**	**.0015479**	**.0058487**
Stddev	.000012	.000034	.020812	.0004399	.000355	.0003668	.0022111
%RSD	26.44209	578.6917	.5310076	672.2911	999.1350	23.69915	37.80461
#1	-.000031	-.000032	3.941729	-.000076	.000096	.0011257	.0050696
#2	-.000053	-.000019	3.915996	-.000286	-.000437	.0017293	.0083439
#3	-.000051	.000033	3.900528	.000559	.000234	.0017887	.0041326

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0024644**	**.7621092**	**.0012009**	**-.000087**	**77.91472**	**.0002405**	**.0440654**
Stddev	.0001860	.0066278	.0003584	.000164	.35430	.0010600	.0007156
%RSD	7.548433	.8696619	29.84785	188.3487	.4547231	440.8123	1.623976
#1	.0025952	.7696125	.0011666	-.000014	78.11339	.0003003	.0447868
#2	.0022514	.7570526	.0008608	-.000276	78.12511	-.000848	.0440537
#3	.0025466	.7596626	.0015752	.000028	77.50567	.001269	.0433557

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2102599**	**.0270866**	**-.000062**	**-.000347**	**-.000470**	**.1657374**	**.0414653**
Stddev	.0233413	.0003652	.000019	.000284	.000352	.0027238	.0028063
%RSD	11.10115	1.348175	31.45083	81.93956	74.89445	1.643431	6.767776
#1	.2109929	.0273061	-.000070	-.000131	-.000427	.1639281	.0384514
#2	.1865607	.0266650	-.000039	-.000241	-.000842	.1688700	.0440031
#3	.2332259	.0272885	-.000075	-.000669	-.000142	.1644139	.0419414

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: Q2185-08LX5 Acquired: 6/4/2025 19:09:23 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	.1135534	.0025310	.0118775
Stddev	.0049417	.0011798	.0000587
%RSD	4.351861	46.61321	.4943573
#1	.1136067	.0012317	.0119054
#2	.1085852	.0028261	.0118100
#3	.1184681	.0035353	.0119170

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2896.691	62641.51	9727.851	2065.862	3965.167
Stddev	18.069	179.50	46.082	8.404	29.185
%RSD	.6237889	.2865442	.4737128	.4068009	.7360444
#1	2906.700	62478.74	9675.921	2057.564	3981.117
#2	2875.832	62611.76	9743.766	2065.655	3931.482
#3	2907.540	62834.01	9763.867	2074.368	3982.901

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: Q2185-08MS Acquired: 6/4/2025 19:13:42 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	.7615828	1.835301	.9099167	1.909615	.7757697	1.877211	.6439564
Stddev	.0058419	.021712	.0042812	.011754	.0035437	.011941	.0023370
%RSD	.7670772	1.183040	.4705038	.6155074	.4567972	.6361052	.3629150
#1	.7599213	1.857229	.9071435	1.903330	.7718252	1.874189	.6465228
#2	.7567515	1.813811	.9077593	1.902340	.7767991	1.890373	.6433955
#3	.7680755	1.834864	.9148474	1.923175	.7786847	1.867072	.6419508

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1800274	.1909849	16.57765	.3856653	.1928418	.2904726	2.911704
Stddev	.0003139	.0005825	.07016	.0014955	.0004809	.0017402	.011135
%RSD	.1743554	.3049834	.4232190	.3877692	.2493490	.5990894	.3824050
#1	.1802541	.1908600	16.65848	.3863739	.1926117	.2894870	2.922211
#2	.1796692	.1904750	16.53250	.3839472	.1925193	.2894490	2.912867
#3	.1801590	.1916196	16.54196	.3866748	.1933945	.2924819	2.900034

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1931078	4.750118	.4864166	.0697884	328.7247	.2730890	.3686403
Stddev	.0004414	.008618	.0020541	.0001715	5.3103	.0013127	.0006281
%RSD	.2285839	.1814226	.4222920	.2457126	1.615433	.4806742	.1703896
#1	.1929803	4.760069	.4858608	.0698715	324.5551	.2740794	.3680996
#2	.1935990	4.745178	.4846975	.0695912	334.7031	.2716001	.3684919
#3	.1927442	4.745107	.4886914	.0699025	326.9157	.2735874	.3693293

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.14339	.3527412	.4044029	.6611380	.1828902	1.536510	6.031575
Stddev	.03018	.0012049	.0023886	.0027517	.0014938	.008019	.007853
%RSD	.2708637	.3415742	.5906482	.4162116	.8167561	.5218714	.1302054
#1	11.17395	.3520545	.4030833	.6593734	.1841739	1.527471	6.038971
#2	11.11360	.3520368	.4029652	.6597319	.1812506	1.542765	6.023333
#3	11.14261	.3541325	.4071602	.6643087	.1832460	1.539295	6.032420

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: Q2185-08MS Acquired: 6/4/2025 19:13:42 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	.4537103	.1938487	.2254822
Stddev	.0018279	.0009020	.0009998
%RSD	.4028822	.4652917	.4433959
#1	.4552380	.1936452	.2263617
#2	.4516851	.1948351	.2256900
#3	.4542078	.1930659	.2243948

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2786.325	58805.38	9472.921	1948.982	3731.753
Stddev	10.185	61.63	7.526	2.642	12.901
%RSD	.3655434	.1048090	.0794430	.1355819	.3457104
#1	2790.921	58817.01	9476.392	1947.838	3736.910
#2	2793.402	58738.76	9478.083	1947.105	3741.278
#3	2774.651	58860.37	9464.286	1952.004	3717.071

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: Q2185-08MSD Acquired: 6/4/2025 19:17:52 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	**.7068452**	**1.719626**	**.8501528**	**1.763599**	**.7277785**	**1.754526**	**.6007587**
Stddev	.0080566	.006385	.0030990	.012110	.0045166	.004162	.0019470
%RSD	1.139802	.3713125	.3645250	.6866370	.6206078	.2372168	.3240838
#1	.6981021	1.724425	.8490042	1.754447	.7231703	1.759149	.5992468
#2	.7084640	1.712379	.8477921	1.759019	.7279676	1.753349	.6029556
#3	.7139695	1.722075	.8536622	1.777330	.7321976	1.751079	.6000738

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1610629**	**.1773244**	**15.09310**	**.3604418**	**.1802994**	**.2696460**	**2.844807**
Stddev	.0003998	.0005881	.03968	.0001470	.0004414	.0014137	.007193
%RSD	.2482301	.3316725	.2629337	.0407849	.2447854	.5242889	.2528510
#1	.1614807	.1769455	15.09438	.3602787	.1799881	.2686212	2.841159
#2	.1610240	.1770258	15.13213	.3605640	.1801055	.2690580	2.840168
#3	.1606839	.1780020	15.05279	.3604828	.1808045	.2712589	2.853093

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1827659**	**4.313191**	**.4524413**	**.0646078**	**310.7994**	**.2590328**	**.3336555**
Stddev	.0006490	.006238	.0008919	.0003195	.6522	.0014347	.0011968
%RSD	.3551084	.1446305	.1971377	.4945809	.2098303	.5538663	.3586964
#1	.1823466	4.315657	.4526065	.0647846	311.2822	.2593716	.3335564
#2	.1824376	4.306096	.4514783	.0647998	311.0586	.2574591	.3325114
#3	.1835134	4.317818	.4532390	.0642389	310.0575	.2602679	.3348988

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**10.67597**	**.3144151**	**.3804610**	**.6166813**	**.1727422**	**1.455920**	**5.562890**
Stddev	.07137	.0015427	.0014708	.0031020	.0015238	.006937	.019835
%RSD	.6685563	.4906585	.3865947	.5030159	.8821008	.4764596	.3565527
#1	10.59361	.3161777	.3790784	.6145658	.1742443	1.461211	5.574141
#2	10.71987	.3137570	.3802981	.6152359	.1711977	1.448067	5.539988
#3	10.71442	.3133105	.3820065	.6202422	.1727845	1.458484	5.574541

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: Q2185-08MSD Acquired: 6/4/2025 19:17:52 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	.3952640	.1789765	.2127757
Stddev	.0022404	.0015982	.0002131
%RSD	.5668153	.8929838	.1001498
#1	.3932214	.1771774	.2126641
#2	.3949105	.1802320	.2130214
#3	.3976602	.1795201	.2126416

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2853.567	60078.22	9966.413	1998.203	3836.636
Stddev	9.296	61.78	36.100	3.132	12.253
%RSD	.3257667	.1028331	.3622202	.1567568	.3193686
#1	2859.242	60125.93	9931.112	1998.336	3838.086
#2	2858.620	60008.44	9964.863	2001.266	3848.100
#3	2842.839	60100.30	10003.26	1995.006	3823.723

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: Q2185-08A Acquired: 6/4/2025 19:22:02 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	**.8048048**	**1.912661**	**.9560195**	**2.014811**	**.8166285**	**1.920936**	**.6180980**
Stddev	.0032859	.032554	.0008491	.007072	.0037251	.027925	.0103538
%RSD	.4082809	1.702044	.0888134	.3509998	.4561590	1.453722	1.675106
#1	.8026601	1.880628	.9553940	2.008979	.8172226	1.937205	.6232400
#2	.8031666	1.911641	.9569861	2.012777	.8126420	1.888691	.6061798
#3	.8085877	1.945713	.9556784	2.022677	.8200208	1.936912	.6248742

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1869506**	**.2003785**	**15.84363**	**.4003685**	**.2015963**	**.3040096**	**2.967769**
Stddev	.0030727	.0005508	.22638	.0073448	.0002673	.0009699	.030560
%RSD	1.643572	.2748568	1.428857	1.834509	.1325849	.3190445	1.029741
#1	.1876908	.2001457	15.97345	.3974801	.2013205	.3030089	2.968456
#2	.1835755	.1999823	15.58223	.3949069	.2016145	.3040743	2.936870
#3	.1895856	.2010074	15.97522	.4087184	.2018541	.3049455	2.997979

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1971278**	**4.672800**	**.5105473**	**.0718929**	**313.9272**	**.2787573**	**.3704477**
Stddev	.0027892	.090642	.0017291	.0011202	5.3453	.0032250	.0078531
%RSD	1.414910	1.939778	.3386671	1.558165	1.702708	1.156905	2.119905
#1	.1973861	4.728520	.5091192	.0715814	310.4636	.2820376	.3688574
#2	.1942185	4.568211	.5100530	.0709614	311.2348	.2755907	.3635115
#3	.1997789	4.721670	.5124697	.0731359	320.0833	.2786437	.3789743

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**11.34604**	**.3610008**	**.4199944**	**.6992180**	**.1860840**	**1.546678**	**6.403050**
Stddev	.17637	.0054771	.0020910	.0021509	.0033999	.015164	.040118
%RSD	1.554478	1.517194	.4978697	.3076179	1.827102	.9803976	.6265419
#1	11.33229	.3621275	.4188240	.6994737	.1880847	1.545859	6.364447
#2	11.17695	.3550480	.4187506	.6969507	.1821583	1.531940	6.400175
#3	11.52889	.3658269	.4224085	.7012297	.1880089	1.562234	6.444528

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: Q2185-08A Acquired: 6/4/2025 19:22:02 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	.4583625	.1961254	.2252534
Stddev	.0030207	.0022644	.0036775
%RSD	.6590229	1.154587	1.632625
#1	.4580376	.1983743	.2277243
#2	.4555174	.1938458	.2210271
#3	.4615326	.1961561	.2270088

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2758.682	58965.05	9511.687	1966.809	3674.081
Stddev	7.710	855.46	127.948	33.562	4.500
%RSD	.2794864	1.450786	1.345164	1.706444	.1224777
#1	2759.193	59264.79	9457.477	1982.231	3676.726
#2	2766.124	59630.30	9657.816	1989.888	3676.632
#3	2750.729	58000.06	9419.769	1928.307	3668.885

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: CCV04 Acquired: 6/4/2025 19:26:11 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCV04 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.696793**	**4.827804**	**4.698987**	**4.747324**	**4.744923**	**9.168156**
Stddev	.055951	.042733	.046400	.053813	.049352	.025940
%RSD	1.191270	.8851350	.9874429	1.133550	1.040103	.2829369
#1	4.656670	4.783063	4.669222	4.711960	4.717291	9.190587
#2	4.673001	4.832152	4.675290	4.720757	4.715577	9.139750
#3	4.760709	4.868196	4.752451	4.809254	4.801901	9.174131

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**9.070925**	**.2270166**	**2.357057**	**22.78291**	**.9437933**	**2.355028**
Stddev	.047410	.0005749	.021677	.04504	.0006946	.023513
%RSD	.5226555	.2532481	.9196442	.1977125	.0735989	.9983988
#1	9.042892	.2271679	2.341033	22.82288	.9433423	2.339418
#2	9.044220	.2263812	2.348416	22.73410	.9434445	2.343596
#3	9.125664	.2275008	2.381721	22.79175	.9445933	2.382071

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.194966**	**4.672565**	**2.281214**	**22.69286**	**2.370285**	**1.169973**
Stddev	.013917	.002563	.006044	.07592	.023329	.005409
%RSD	1.164667	.0548431	.2649605	.3345707	.9842272	.4623375
#1	1.185461	4.672135	2.287291	22.66785	2.355815	1.170223
#2	1.188496	4.670245	2.275203	22.63259	2.357842	1.164443
#3	1.210940	4.675316	2.281148	22.77813	2.397197	1.175253

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**23.57498**	**2.277016**	**2.310987**	**23.18963**	**4.500409**	**4.749127**
Stddev	.06118	.007369	.009506	.09311	.014848	.049453
%RSD	.2595250	.3236072	.4113280	.4015254	.3299357	1.041314
#1	23.61720	2.284661	2.317622	23.21326	4.508765	4.716646
#2	23.50481	2.269959	2.300097	23.08697	4.483266	4.724694
#3	23.60292	2.276429	2.315242	23.26864	4.509197	4.806041

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: CCV04 Acquired: 6/4/2025 19:26:11 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCV04 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.649190**	**4.562642**	**4.722480**	**4.651536**	F **4.494421**	**4.570203**
Stddev	.039446	.008109	.011348	.044517	.049811	.007253
%RSD	.8484473	.1777262	.2402960	.9570356	1.108295	.1587023
#1	4.621161	4.571329	4.718356	4.620236	4.472682	4.574590
#2	4.632112	4.555272	4.713771	4.631874	4.459174	4.561831
#3	4.694297	4.561326	4.735313	4.702499	4.551407	4.574187

Elem	Sr4077
Units	ppm
Avg	**4.577388**
Stddev	.050390
%RSD	1.100843
#1	4.599685
#2	4.519696
#3	4.612783

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2898.560**	**61191.37**	**9452.138**	**2036.338**	**3920.392**
Stddev	28.106	279.21	28.423	8.985	36.205
%RSD	.9696391	.4562840	.3007022	.4412514	.9235083
#1	2913.002	61195.75	9441.733	2034.905	3939.827
#2	2916.508	61468.37	9484.297	2045.953	3942.729
#3	2866.170	60910.01	9430.384	2028.154	3878.619

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: CCB04 Acquired: 6/4/2025 19:30:23 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	**-.001781**	**.0003069**	**.0000674**	**.0004783**	**-.000359**	**.0064154**	**-.003374**
Stddev	.000409	.0008299	.0013458	.0016006	.000988	.0019052	.001208
%RSD	22.95995	270.4610	1995.383	334.6921	274.8655	29.69703	35.81652
#1	-.001561	.0000124	.0014390	.0020988	.000637	.0067836	-.002092
#2	-.002253	.0012439	-.001251	-.001102	-.000376	.0081096	-.003537
#3	-.001529	-.000336	.000014	.000438	-.001339	.0043530	-.004493

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000078**	**.0000299**	**.0058901**	**.0004116**	**.0001048**	**.0008163**	**.0067307**
Stddev	.000024	.0000618	.0058269	.0001903	.0002412	.0002465	.0021080
%RSD	30.53043	206.9182	98.92701	46.23054	230.1217	30.20049	31.31871
#1	-.000051	.0000991	-.000838	.0006049	-.000163	.0010968	.0048220
#2	-.000094	-.000020	.009314	.0004055	.000304	.0006340	.0063769
#3	-.000089	.000010	.009194	.0002245	.000173	.0007180	.0089932

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000407**	**.0000967**	**.0001828**	**-.000137**	**.0311862**	**-.000179**	**.0015452**
Stddev	.000397	.0071847	.0001571	.000350	.0166900	.000433	.0001221
%RSD	97.56684	7427.655	85.94356	256.2025	53.51730	241.9156	7.903583
#1	-.000812	-.007855	.0000153	.000172	.0269463	-.000204	.0014054
#2	-.000390	.006120	.0002061	-.000516	.0170251	-.000600	.0016314
#3	-.000019	.002025	.0003270	-.000066	.0495873	.000266	.0015986

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0275295**	**.0083061**	**.0007372**	**.0018983**	**.0002394**	**.0006342**	**-.002608**
Stddev	.0305696	.0005525	.0000935	.0003054	.0000695	.0018207	.001059
%RSD	111.0431	6.651482	12.68728	16.09042	29.04196	287.0748	40.58548
#1	-.005624	.0084593	.0006787	.0020366	.0001723	.0004498	-.001857
#2	.033612	.0087659	.0008451	.0021101	.0002347	.0025401	-.002148
#3	.054601	.0076932	.0006879	.0015481	.0003112	-.001087	-.003819

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: CCB04 Acquired: 6/4/2025 19:30:23 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	-.001176	.0027799	.0000907
Stddev	.003013	.0009587	.0000325
%RSD	256.1854	34.48649	35.86463
#1	-.002879	.0038718	.0000799
#2	-.002952	.0020758	.0000650
#3	.002303	.0023922	.0001274

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2984.668	62212.36	9404.177	2086.237	4215.364
Stddev	12.209	90.87	9.604	4.708	14.209
%RSD	.4090649	.1460684	.1021221	.2256862	.3370679
#1	2994.973	62288.15	9406.593	2090.931	4224.615
#2	2987.848	62111.62	9412.343	2086.264	4222.472
#3	2971.184	62237.31	9393.596	2081.514	4199.003

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: PB168256BL Acquired: 6/4/2025 19:34:43 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	**-.001721**	**.0006720**	**-.000532**	**.0007480**	**.0011554**	**.0047458**	**-.004114**
Stddev	.000349	.0011973	.000226	.0012086	.0019469	.0032951	.000769
%RSD	20.27798	178.1632	42.41061	161.5819	168.5025	69.43198	18.67912
#1	-.001963	.0020440	-.000791	-.000520	.0028970	.0081582	-.004314
#2	-.001321	-.000161	-.000432	.001886	.0015156	.0015821	-.003266
#3	-.001880	.000133	-.000374	.000878	-.000946	.0044970	-.004763

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000076**	**-.000079**	**.0065536**	**.0010633**	**-.000183**	**.0004966**	**.0013405**
Stddev	.000003	.000052	.0061671	.0002272	.000117	.0007815	.0013922
%RSD	3.737913	65.98020	94.10204	21.36444	63.88472	157.3845	103.8589
#1	-.000074	-.000127	.0085492	.0009802	-.000067	.0008670	.0007293
#2	-.000079	-.000024	-.000364	.0013203	-.000182	.0010240	.0029337
#3	-.000075	-.000087	.011476	.0008894	-.000301	-.000401	.0003584

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0000086**	**.0038572**	**.0005850**	**.0002330**	**-.002066**	**.0002625**	**.0006157**
Stddev	.0002215	.0059234	.0001918	.0004033	.005149	.0010332	.0000309
%RSD	2570.679	153.5673	32.77839	173.1095	249.1776	393.5774	5.018596
#1	-.000040	.0052089	.0007199	.0002853	-.007992	-.000928	.0006287
#2	-.000184	-.002625	.0003655	.0006076	.000466	.000797	.0005804
#3	.000251	.008988	.0006695	-.000194	.001326	.000919	.0006380

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.018181**	**.0040147**	**.0002075**	**.0001032**	**-.000397**	**.0006303**	**-.002717**
Stddev	.005616	.0005836	.0001022	.0002001	.000786	.0039055	.001226
%RSD	30.89167	14.53686	49.26863	193.9711	198.0276	619.6353	45.12296
#1	-.020883	.0045158	.0001264	.0001569	-.001293	-.001413	-.003059
#2	-.011724	.0041543	.0001738	.0002710	.000176	-.001830	-.001357
#3	-.021936	.0033739	.0003224	-.000118	-.000073	.005134	-.003737

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: PB168256BL Acquired: 6/4/2025 19:34:43 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	.0005014	.0006046	.0000721
Stddev	.0037747	.0004015	.0000507
%RSD	752.7643	66.40226	70.24666
#1	.0047956	.0001584	.0001163
#2	-.000999	.0009365	.0000833
#3	-.002293	.0007190	.0000168

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2955.249	63800.49	10151.16	2118.256	4142.775
Stddev	17.843	175.03	35.78	1.061	21.879
%RSD	.6037647	.2743362	.3525135	.0500856	.5281165
#1	2959.525	63742.84	10191.56	2119.398	4150.667
#2	2970.565	63661.56	10138.47	2117.300	4159.612
#3	2935.656	63997.07	10123.45	2118.072	4118.045

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: PB168256BS Acquired: 6/4/2025 19:39:02 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	.7532096	1.936298	.9287245	1.939185	.8267255	1.791274
Stddev	.0054027	.017129	.0025452	.008039	.0042910	.008077
%RSD	.7172964	.8846118	.2740514	.4145538	.5190369	.4509105
#1	.7539559	1.931166	.9264885	1.938221	.8240755	1.784108
#2	.7474724	1.922323	.9281907	1.931672	.8244248	1.800027
#3	.7582003	1.955407	.9314942	1.947663	.8316763	1.789687

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1764198	.1808765	.1898162	.9194328	.3813406	.1898388
Stddev	.0005979	.0002428	.0006122	.0046977	.0005622	.0003588
%RSD	.3388889	.1342339	.3225406	.5109381	.1474294	.1890077
#1	.1757357	.1808970	.1894403	.9206852	.3809812	.1897135
#2	.1768423	.1806241	.1894857	.9142357	.3819885	.1895594
#3	.1766814	.1811084	.1905227	.9233773	.3810522	.1902434

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3011983	2.865192	.1865275	1.815310	.4826273	.0684217
Stddev	.0015345	.016751	.0006291	.031819	.0013676	.0001791
%RSD	.5094504	.5846256	.3372516	1.752826	.2833699	.2618011
#1	.3000380	2.864343	.1866953	1.834435	.4815399	.0682371
#2	.3006186	2.882351	.1870557	1.832916	.4821793	.0685949
#3	.3029381	2.848882	.1858315	1.778579	.4841628	.0684331

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.674741	.2713731	.1899585	9.033869	.2710378	.4116932
Stddev	.030817	.0013505	.0009786	.104292	.0008038	.0020802
%RSD	1.152163	.4976633	.5151582	1.154460	.2965794	.5052796
#1	2.647084	.2705984	.1891324	8.976824	.2715160	.4110187
#2	2.707961	.2705884	.1910392	9.154241	.2701097	.4100339
#3	2.669178	.2729325	.1897038	8.970542	.2714876	.4140269

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: PB168256BS Acquired: 6/4/2025 19:39:02 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	**.6932346**	**.1929002**	**.8316440**	**5.590697**	F **-.008094**	**.1847508**
Stddev	.0026838	.0004726	.0010385	.038115	.002733	.0016713
%RSD	.3871436	.2449809	.1248767	.6817501	33.76626	.9046243
#1	.6931699	.1924166	.8310487	5.587173	-.011188	.1828383
#2	.6905837	.1929232	.8310401	5.554466	-.007089	.1854834
#3	.6959501	.1933609	.8328432	5.630451	-.006006	.1859307

Elem	Sr4077
Units	ppm
Avg	**.1794155**
Stddev	.0003759
%RSD	.2095249
#1	.1792646
#2	.1798435
#3	.1791385

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2953.018**	**63875.17**	**9922.040**	**2130.272**	**4129.593**
Stddev	10.287	207.64	17.005	16.063	13.740
%RSD	.3483653	.3250731	.1713869	.7540432	.3327158
#1	2958.222	63965.31	9907.803	2141.702	4135.153
#2	2959.662	63637.69	9917.447	2111.906	4139.682
#3	2941.168	64022.50	9940.870	2137.208	4113.945

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: PB168261BL Acquired: 6/4/2025 19:43:02 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	**-.001055**	**.0003986**	**-.000040**	**-.001787**	**.0017725**	**.0037759**	**-.003206**
Stddev	.002357	.0003451	.000809	.001090	.0018740	.0034223	.000862
%RSD	223.3528	86.57116	2028.065	60.97132	105.7252	90.63622	26.87396
#1	-.003504	.0002834	.000678	-.002731	.0016476	.0070706	-.003670
#2	-.000861	.0001259	-.000916	-.000595	-.000036	.0002388	-.003735
#3	.001199	.0007866	.000119	-.002036	.003706	.0040183	-.002212

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000065**	**.0000249**	**.0040999**	**.0005949**	**-.000112**	**.0002109**	**.0054784**
Stddev	.000053	.0000469	.0075887	.0003285	.000140	.0004088	.0008182
%RSD	80.52834	188.0603	185.0972	55.21645	124.5981	193.8542	14.93541
#1	-.000120	.0000274	-.002880	.0008458	-.000101	-.000205	.0048325
#2	-.000061	.0000705	.003003	.0002231	-.000258	.000612	.0063985
#3	-.000015	-.000023	.012178	.0007157	.000021	.000226	.0052041

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000353**	**.0186690**	**.0000260**	**-.000203**	**-.053663**	**.0002969**	**.0011856**
Stddev	.000219	.0046409	.0000613	.000160	.013574	.0007047	.0001099
%RSD	62.09322	24.85880	235.5241	78.47592	25.29456	237.3044	9.268323
#1	-.000184	.0240056	-.000044	-.000386	-.061668	.0010073	.0013123
#2	-.000274	.0164232	.000052	-.000095	-.037991	.0002854	.0011174
#3	-.000600	.0155782	.000070	-.000128	-.061331	-.000402	.0011270

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0066743**	**.0031950**	**.0000781**	**.0007390**	**-.000948**	**.0020308**	**-.001145**
Stddev	.0147122	.0006109	.0003113	.0004850	.000647	.0059152	.002703
%RSD	220.4300	19.12182	398.4463	65.62988	68.26420	291.2789	236.1785
#1	-.005938	.0030717	.0000644	.0001938	-.000238	.0047824	-.003583
#2	.022836	.0038581	-.000226	.0009008	-.001102	.0060688	.001762
#3	.003125	.0026550	.000396	.0011224	-.001504	-.004759	-.001613

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: PB168261BL Acquired: 6/4/2025 19:43:02 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	-.000186	-.000908	.0000309
Stddev	.002126	.000689	.0000619
%RSD	1145.108	75.88103	200.0281
#1	.000803	-.000258	.0000754
#2	-.002626	-.001630	.0000572
#3	.001267	-.000835	-.000040

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2977.482	63552.82	9470.620	2117.767	4194.629
Stddev	25.140	63.58	161.259	5.098	30.161
%RSD	.8443399	.1000377	1.702730	.2407487	.7190405
#1	2992.296	63516.07	9368.417	2123.405	4212.933
#2	2991.695	63516.15	9656.519	2116.414	4211.137
#3	2948.455	63626.23	9386.923	2113.481	4159.817

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: PB168261BS Acquired: 6/4/2025 19:47:22 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	**.7842826**	**2.009282**	**.9689530**	**2.004979**	**.8324123**	**1.881299**
Stddev	.0041076	.017399	.0011272	.005991	.0033850	.006278
%RSD	.5237439	.8659112	.1163318	.2988008	.4066458	.3337137
#1	.7803563	2.029002	.9688130	2.009470	.8352924	1.879941
#2	.7839411	2.002746	.9679024	1.998177	.8286839	1.875810
#3	.7885503	1.996098	.9701437	2.007290	.8332606	1.888144

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1860766**	**.1888049**	**.1974794**	**.9646274**	**.3999155**	**.1983419**
Stddev	.0001628	.0002945	.0003302	.0140524	.0002341	.0005531
%RSD	.0874850	.1559913	.1671914	1.456770	.0585405	.2788493
#1	.1862572	.1890926	.1978574	.9571321	.3996719	.1982856
#2	.1860313	.1885040	.1972477	.9808384	.3999358	.1978192
#3	.1859413	.1888180	.1973331	.9559117	.4001388	.1989210

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3128998**	**3.002003**	**.1957353**	**1.894296**	**.5024945**	**.0716591**
Stddev	.0017075	.017319	.0007168	.010407	.0012112	.0002315
%RSD	.5456887	.5769049	.3661883	.5493929	.2410358	.3230209
#1	.3130739	2.982807	.1954709	1.904107	.5035668	.0715454
#2	.3111120	3.006745	.1951883	1.883381	.5011808	.0715065
#3	.3145136	3.016456	.1965467	1.895399	.5027358	.0719255

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.780206**	**.2867097**	**.2001532**	**9.436141**	**.2814115**	**.4195572**
Stddev	.009411	.0029542	.0005975	.046211	.0012634	.0010211
%RSD	.3384933	1.030390	.2984966	.4897183	.4489450	.2433683
#1	2.769357	.2832991	.2000949	9.384852	.2828041	.4199629
#2	2.785099	.2884743	.2007777	9.474532	.2810918	.4183957
#3	2.786162	.2883556	.1995871	9.449040	.2803388	.4203131

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: PB168261BS Acquired: 6/4/2025 19:47:22 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	**.7037322**	**.1962578**	**.8478808**	**5.778934**	F **-.009286**	**.1922068**
Stddev	.0023820	.0018798	.0116350	.008770	.000782	.0010629
%RSD	.3384784	.9578395	1.372249	.1517533	8.417983	.5530084
#1	.7064820	.1944316	.8360685	5.789053	-.009415	.1918606
#2	.7024109	.1981871	.8593300	5.773526	-.008448	.1933997
#3	.7023038	.1961547	.8482440	5.774224	-.009996	.1913601

Elem	Sr4077
Units	ppm
Avg	**.1881350**
Stddev	.0004141
%RSD	.2201170
#1	.1876752
#2	.1882511
#3	.1884786

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2991.350**	**64097.53**	**9970.511**	**2136.343**	**4194.948**
Stddev	7.451	50.78	20.042	8.240	6.413
%RSD	.2491003	.0792226	.2010141	.3857005	.1528662
#1	2994.537	64155.86	9948.997	2143.299	4198.306
#2	2996.677	64063.21	9988.655	2127.243	4198.983
#3	2982.835	64073.51	9973.880	2138.487	4187.553

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: PB168255BL Acquired: 6/4/2025 19:51:23 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	**-.001416**	**.0005778**	**-.000919**	**-.000298**	**.0015259**	**.0073161**	**-.003263**
Stddev	.001443	.0016515	.000354	.002681	.0016131	.0011070	.000178
%RSD	101.9374	285.8438	38.53051	898.7331	105.7141	15.13055	5.451019
#1	-.003078	-.000381	-.001091	.001550	-.000303	.0077058	-.003441
#2	-.000684	-.000370	-.000512	.000928	.002133	.0081755	-.003085
#3	-.000485	.002485	-.001154	-.003373	.002747	.0060670	-.003263

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000057**	**.0000366**	**.0060912**	**.0005270**	**-.000142**	**.0002721**	**.0070259**
Stddev	.000034	.0000754	.0025353	.0001868	.000257	.0001411	.0039798
%RSD	58.90800	206.0693	41.62174	35.44175	181.0981	51.85306	56.64456
#1	-.000095	.0000792	.0041377	.0007423	-.000361	.0001434	.0094671
#2	-.000044	-.000050	.0051797	.0004309	-.000205	.0002498	.0024335
#3	-.000032	.000081	.0089562	.0004079	.000141	.0004230	.0091772

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000357**	**.0230863**	**.0004821**	**-.000004**	**-.038206**	**-.000426**	**.0027792**
Stddev	.000204	.0178526	.0003417	.000330	.006493	.000882	.0006044
%RSD	57.27037	77.32957	70.87380	8230.746	16.99525	206.8706	21.74857
#1	-.000578	.0297009	.0001734	-.000218	-.045682	.000515	.0026316
#2	-.000174	.0366876	.0004237	.000376	-.033972	-.000560	.0034438
#3	-.000319	.0028705	.0008492	-.000170	-.034965	-.001234	.0022623

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.009662**	**.0020257**	**.0001433**	**.0004882**	**-.000782**	**-.002269**	**-.003474**
Stddev	.015320	.0001586	.0000157	.0003576	.000573	.006417	.001051
%RSD	158.5597	7.827514	10.93915	73.25985	73.30611	282.8065	30.26229
#1	-.013467	.0020568	.0001519	.0005068	-.000730	-.008910	-.002418
#2	.007202	.0018539	.0001528	.0008362	-.000237	.003896	-.003484
#3	-.022720	.0021664	.0001252	.0001216	-.001380	-.001792	-.004520

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: PB168255BL Acquired: 6/4/2025 19:51:23 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	**-.000864**	**-.001511**	**.0001235**
Stddev	.002858	.000636	.0000307
%RSD	330.6742	42.09804	24.85152
#1	.001605	-.001005	.0000922
#2	-.000203	-.001303	.0001536
#3	-.003995	-.002226	.0001247

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2934.043**	**61890.56**	**10267.10**	**2099.808**	**4077.592**
Stddev	4.257	66.81	35.28	12.104	5.850
%RSD	.1450788	.1079537	.3435796	.5764233	.1434638
#1	2934.544	61880.14	10239.58	2111.678	4072.454
#2	2938.027	61961.98	10254.85	2087.483	4083.959
#3	2929.558	61829.58	10306.86	2100.262	4076.364

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: PB168255BS Acquired: 6/4/2025 19:55:43 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	**.8538266**	**2.148622**	**1.044341**	**2.176210**	**.8815109**	**1.970600**
Stddev	.0248214	.075085	.028799	.053590	.0224175	.009023
%RSD	2.907076	3.494560	2.757633	2.462542	2.543074	.4578680
#1	.8821459	2.231709	1.077586	2.237646	.9067624	1.962069
#2	.8358438	2.085627	1.027028	2.139079	.8639540	1.980045
#3	.8434902	2.128529	1.028409	2.151906	.8738165	1.969686

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1908088**	**.2040498**	**.2147014**	**1.005125**	**.4225084**	**.2141633**
Stddev	.0008111	.0005355	.0052518	.005294	.0012059	.0055807
%RSD	.4250922	.2624440	2.446086	.5267234	.2854208	2.605838
#1	.1899843	.2036772	.2207461	1.002533	.4232764	.2205568
#2	.1916058	.2038087	.2112573	1.011216	.4231303	.2102686
#3	.1908365	.2046635	.2121009	1.001627	.4211185	.2116645

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3367549**	**3.154261**	**.2021429**	**1.991754**	**.5438552**	**.0766316**
Stddev	.0089460	.012733	.0006653	.020171	.0139816	.0009692
%RSD	2.656535	.4036792	.3291489	1.012730	2.570836	1.264707
#1	.3470805	3.139827	.2015490	1.998302	.5599460	.0772610
#2	.3313327	3.163903	.2028619	1.969123	.5346692	.0755155
#3	.3318516	3.159053	.2020177	2.007838	.5369505	.0771181

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.897927**	**.2958051**	**.2122022**	**9.946497**	**.3008355**	**.4360760**
Stddev	.004527	.0007818	.0006361	.057027	.0010483	.0122080
%RSD	.1562322	.2642947	.2997678	.5733370	.3484726	2.799514
#1	2.898546	.2966681	.2121458	9.924036	.3014165	.4500993
#2	2.893121	.2956029	.2128646	10.01134	.2996253	.4278212
#3	2.902113	.2951442	.2115961	9.90412	.3014646	.4303074

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: PB168255BS Acquired: 6/4/2025 19:55:43 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	.7472112	.1981733	.8806000	6.425375	F -.011879	.2008645
Stddev	.0222861	.0008602	.0081489	.169105	.001014	.0015281
%RSD	2.982571	.4340639	.9253820	2.631836	8.532330	.7607362
#1	.7728015	.1980850	.8720095	6.618245	-.012545	.1993735
#2	.7320658	.1973606	.8882205	6.302530	-.012380	.2007929
#3	.7367664	.1990742	.8815701	6.355350	-.010713	.2024271

Elem	Sr4077
Units	ppm
Avg	.1942542
Stddev	.0003933
%RSD	.2024742
#1	.1938025
#2	.1944390
#3	.1945211

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2873.347	61756.93	9701.729	2099.554	3972.088
Stddev	63.545	154.49	44.166	6.466	87.409
%RSD	2.211546	.2501661	.4552345	.3079652	2.200589
#1	2800.196	61927.80	9741.353	2099.091	3871.474
#2	2914.889	61715.90	9709.720	2106.239	4029.330
#3	2904.958	61627.09	9654.113	2093.332	4015.459

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: Q2169-01 Acquired: 6/4/2025 19:59:42 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	**.0063417**	**-.006053**	**.0787925**	**.0036967**	**.0021901**	**14.46664**
Stddev	.0008314	.001378	.0008605	.0025306	.0011147	.02786
%RSD	13.11065	22.76033	1.092166	68.45548	50.89867	.1925959
#1	.0069388	-.007642	.0793108	.0012540	.0009031	14.48888
#2	.0053921	-.005323	.0777991	.0035292	.0028150	14.43539
#3	.0066943	-.005195	.0792675	.0063069	.0028523	14.47566

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1879716**	**.0007191**	**.0004010**	**101.6319**	**.0667407**	**.0122839**
Stddev	.0005550	.0000394	.0000861	.2386	.0004380	.0001005
%RSD	.2952557	5.483601	21.47193	.2347702	.6563093	.8182957
#1	.1885028	.0006748	.0004351	101.7890	.0666890	.0121974
#2	.1880165	.0007504	.0004648	101.3574	.0663308	.0122601
#3	.1873956	.0007320	.0003031	101.7494	.0672022	.0123942

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1106453**	**38.28394**	**2.732855**	**11.56898**	**.0316212**	**.0015532**
Stddev	.0003870	.09023	.006034	.03585	.0002044	.0002485
%RSD	.3497958	.2356828	.2208085	.3099224	.6462526	15.99843
#1	.1105485	38.33588	2.737153	11.56800	.0313957	.0018292
#2	.1103158	38.33618	2.725956	11.53363	.0317942	.0013471
#3	.1110715	38.17975	2.735455	11.60532	.0316737	.0014835

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**58.35926**	**.0345018**	**.2707464**	**4.851877**	**.1385107**	**.0093702**
Stddev	.20085	.0024760	.0010703	.034081	.0007991	.0001659
%RSD	.3441632	7.176308	.3952970	.7024234	.5769456	1.770231
#1	58.54250	.0342200	.2717754	4.889623	.1377583	.0092199
#2	58.39076	.0371066	.2708246	4.842642	.1384242	.0095482
#3	58.14452	.0321788	.2696391	4.823365	.1393495	.0093425

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: Q2169-01 Acquired: 6/4/2025 19:59:42 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	-.002133	.3893241	F 26.53997	.8512015	3.283894	.0172865
Stddev	.000441	.0018751	.06293	.0028510	.003423	.0009014
%RSD	20.67120	.4816396	.2371032	.3349403	.1042443	5.214475
#1	-.002166	.3914430	26.53305	.8544929	3.286343	.0162465
#2	-.002556	.3878788	26.60607	.8494970	3.279982	.0178437
#3	-.001676	.3886505	26.48079	.8496147	3.285356	.0177692

Elem	Sr4077
Units	ppm
Avg	.3461681
Stddev	.0008568
%RSD	.2475044
#1	.3467139
#2	.3451806
#3	.3466098

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2927.551	60928.35	9753.449	2058.140	3908.929
Stddev	1.867	83.44	40.943	4.230	9.087
%RSD	.0637705	.1369456	.4197813	.2055221	.2324690
#1	2929.186	61024.45	9771.933	2054.414	3914.224
#2	2927.951	60886.36	9781.892	2057.268	3914.127
#3	2925.517	60874.25	9706.523	2062.738	3898.437

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: Q2169-03 Acquired: 6/4/2025 20:03:54 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	**.0253005**	**-.004504**	**.2047831**	**.0033386**	**-.004299**	**43.74252**
Stddev	.0009509	.001030	.0015266	.0052414	.002092	.04352
%RSD	3.758345	22.85948	.7454811	156.9946	48.67156	.0995024
#1	.0250496	-.004888	.2030324	.0081012	-.001903	43.70690
#2	.0263517	-.003338	.2058370	-.002277	-.005765	43.72962
#3	.0245003	-.005286	.2054799	.004192	-.005229	43.79104

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2859149**	**.0017975**	**.0014852**	**73.88884**	**.1736613**	**.0232505**
Stddev	.0004470	.0000440	.0001094	.10880	.0006402	.0000717
%RSD	.1563339	2.445824	7.366781	.1472509	.3686555	.3085860
#1	.2857271	.0018093	.0015967	73.81320	.1740407	.0231681
#2	.2855924	.0018344	.0013780	73.83978	.1729222	.0232996
#3	.2864251	.0017489	.0014808	74.01353	.1740212	.0232837

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1888663**	**43.07665**	**1.903199**	**19.30856**	**.0601525**	**.0020763**
Stddev	.0016009	.04153	.003160	.03301	.0003540	.0002082
%RSD	.8476405	.0964160	.1660264	.1709360	.5884563	10.02597
#1	.1871687	43.04051	1.906046	19.31016	.0597574	.0021045
#2	.1890813	43.06742	1.899800	19.27478	.0604406	.0022690
#3	.1903488	43.12203	1.903751	19.34073	.0602597	.0018555

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**188.3920**	**.0745916**	**.4328523**	**12.88930**	**.2274487**	**.0350466**
Stddev	.8074	.0006842	.0012051	.02667	.0012800	.0004364
%RSD	.4285797	.9172287	.2784001	.2069283	.5627760	1.245322
#1	188.8938	.0738197	.4339089	12.90582	.2286871	.0348920
#2	187.4606	.0751231	.4331081	12.90354	.2261307	.0355393
#3	188.8215	.0748320	.4315398	12.85853	.2275284	.0347086

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: Q2169-03 Acquired: 6/4/2025 20:03:54 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	.3648610	.6945921	F 71.96117	2.189567	F 25.20897	.0569429
Stddev	.0025627	.0028045	.10189	.012459	.14171	.0003241
%RSD	.7023822	.4037555	.1415834	.5690206	.5621346	.5691402
#1	.3629501	.6942740	72.06438	2.177888	25.06836	.0566647
#2	.3638596	.6919602	71.95848	2.188132	25.20680	.0568651
#3	.3677732	.6975420	71.86066	2.202682	25.35175	.0572987

Elem	Sr4077
Units	ppm
Avg	.3067627
Stddev	.0002492
%RSD	.0812396
#1	.3067709
#2	.3065094
#3	.3070077

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3118.071	64107.10	11050.13	2175.485	3837.824
Stddev	7.024	191.86	26.48	10.644	2.089
%RSD	.2252755	.2992814	.2396062	.4892640	.0544346
#1	3112.055	63885.56	11027.83	2167.422	3837.459
#2	3116.369	64219.53	11079.39	2171.483	3840.071
#3	3125.790	64216.20	11043.16	2187.550	3835.941

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: Q2175-06DLX5 Acquired: 6/4/2025 20:08:12 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	**-.005157**	**-.002136**	**.0894067**	**.0028130**	**.0052472**	**.3926325**	**.0060971**
Stddev	.000296	.001924	.0003445	.0013470	.0025837	.0039348	.0005614
%RSD	5.748230	90.04866	.3852883	47.88607	49.23977	1.002148	9.207015
#1	-.004814	-.001490	.0892183	.0012697	.0022801	.3886781	.0067251
#2	-.005329	-.000619	.0898042	.0034164	.0070006	.3926719	.0056440
#3	-.005327	-.004300	.0891974	.0037528	.0064610	.3965473	.0059222

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000080**	**.0006287**	**2.742525**	**.0154165**	**.0003378**	**.0108841**	**.6453572**
Stddev	.000048	.0000481	.038913	.0004089	.0001445	.0000732	.0038347
%RSD	60.83808	7.650050	1.418887	2.652071	42.77135	.6724213	.5942048
#1	-.000119	.0005751	2.764879	.0152165	.0002200	.0108024	.6434224
#2	-.000095	.0006426	2.697592	.0158869	.0002944	.0109438	.6428752
#3	-.000025	.0006683	2.765104	.0151463	.0004989	.0109061	.6497738

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0237882**	**.5894291**	**.0603312**	**.0045769**	**4.441404**	**.0000713**	**1.402927**
Stddev	.0006804	.0019707	.0000699	.0002314	.037103	.0002074	.007465
%RSD	2.860077	.3343321	.1158644	5.056482	.8353955	290.9616	.5321158
#1	.0235009	.5887573	.0603865	.0043390	4.466718	-.000105	1.396382
#2	.0232986	.5878822	.0603544	.0045906	4.458680	.000300	1.411058
#3	.0245651	.5916478	.0602526	.0048012	4.398812	.000019	1.401343

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.470948**	**.0235582**	**.0143424**	**.0041049**	**.0111404**	**.5560623**	**.4375369**
Stddev	.029323	.0006978	.0000944	.0009151	.0002763	.0087229	.0019490
%RSD	1.186694	2.962035	.6578472	22.29350	2.480189	1.568682	.4454421
#1	2.437090	.0233111	.0143327	.0040960	.0114342	.5656988	.4376372
#2	2.488005	.0230176	.0144412	.0050244	.0108858	.5537817	.4355398
#3	2.487750	.0243459	.0142533	.0031942	.0111012	.5487062	.4394339

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: Q2175-06DLX5 Acquired: 6/4/2025 20:08:12 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	1.917561	-.002862	.0093915
Stddev	.007296	.000332	.0002217
%RSD	.3804814	11.59107	2.360665
#1	1.910878	-.002567	.0095050
#2	1.925345	-.002797	.0091360
#3	1.916459	-.003221	.0095335

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2960.502	61163.46	9741.457	2081.780	4201.910
Stddev	2.615	133.63	132.001	5.259	5.635
%RSD	.0883307	.2184835	1.355048	.2526316	.1341023
#1	2963.218	61009.88	9713.313	2084.839	4200.523
#2	2958.002	61253.18	9885.261	2075.707	4197.098
#3	2960.285	61227.31	9625.797	2084.794	4208.109

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: CCV05 Acquired: 6/4/2025 20:12:29 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	**4.702664**	**4.794612**	**4.718130**	**4.727025**	**4.753231**	**9.260273**	**9.553881**
Stddev	.000410	.039204	.010058	.009279	.010075	.024558	.099882
%RSD	.0087250	.8176779	.2131724	.1962975	.2119589	.2651973	1.045462
#1	4.702192	4.804545	4.707612	4.723472	4.751552	9.284498	9.655791
#2	4.702870	4.827894	4.727654	4.737556	4.764040	9.260925	9.549694
#3	4.702931	4.751396	4.719125	4.720049	4.744101	9.235395	9.456158

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2279188**	**2.348529**	**23.06419**	**.9422077**	**2.357004**	**1.197827**	**4.816466**
Stddev	.0011865	.006466	.05916	.0022416	.004165	.001844	.009723
%RSD	.5205972	.2753295	.2564875	.2379135	.1767134	.1539201	.2018777
#1	.2285929	2.341936	23.08198	.9403724	2.352351	1.195708	4.806936
#2	.2286147	2.354861	23.11240	.9447060	2.360384	1.198710	4.816090
#3	.2265487	2.348790	22.99818	.9415446	2.358277	1.199063	4.826372

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.332629**	**22.70891**	**2.364800**	**1.190999**	**24.69624**	**2.309028**	**2.338671**
Stddev	.003290	.00867	.006460	.001380	.10161	.007330	.003889
%RSD	.1410289	.0381575	.2731892	.1158787	.4114316	.3174586	.1662810
#1	2.334867	22.71838	2.358131	1.191369	24.67806	2.311362	2.338896
#2	2.334168	22.70699	2.371029	1.192156	24.60496	2.314906	2.334674
#3	2.328852	22.70137	2.365240	1.189471	24.80572	2.300815	2.342442

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**24.03182**	**4.537871**	**4.755693**	**4.667947**	**4.662590**	**4.815648**	**4.735353**
Stddev	.02801	.031639	.009594	.012955	.017494	.034664	.029206
%RSD	.1165423	.6972112	.2017382	.2775400	.3751959	.7198174	.6167616
#1	24.03958	4.561703	4.745843	4.657232	4.678393	4.781540	4.718164
#2	24.00074	4.549935	4.765009	4.682345	4.665585	4.814564	4.769075
#3	24.05512	4.501975	4.756227	4.664263	4.643792	4.850842	4.718820

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: CCV05 Acquired: 6/4/2025 20:12:29 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	4.569399	4.693496	4.699631
Stddev	.006060	.014102	.047894
%RSD	.1326274	.3004678	1.019101
#1	4.572831	4.708563	4.734894
#2	4.572964	4.691310	4.718894
#3	4.562401	4.680614	4.645105

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2910.768	60954.39	9534.582	2049.861	3926.291
Stddev	.716	180.40	30.292	9.438	1.199
%RSD	.0246006	.2959615	.3177046	.4604457	.0305468
#1	2910.635	61162.64	9528.913	2055.931	3927.440
#2	2911.541	60846.13	9507.525	2054.665	3926.386
#3	2910.128	60854.39	9567.308	2038.987	3925.047

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: CCB05 Acquired: 6/4/2025 20:16:39 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	**-.001090**	**.0009283**	**-.000035**	**-.000674**	**.0008436**	**.0034496**	**.0015625**
Stddev	.002749	.0008436	.001600	.000849	.0003663	.0025936	.0037184
%RSD	252.1869	90.87224	4521.420	126.0549	43.41673	75.18599	237.9739
#1	-.004062	.0018986	-.000546	.000200	.0012163	.0053780	-.001561
#2	-.000569	.0005176	.001758	-.000724	.0004841	.0044700	.005676
#3	.001361	.0003687	-.001317	-.001497	.0008305	.0005010	.000573

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000091**	**.0000966**	**.0054191**	**.0006365**	**.0000631**	**.0022128**	**.0022824**
Stddev	.000049	.0000851	.0030806	.0000917	.0000433	.0002784	.0031670
%RSD	54.01073	88.06436	56.84697	14.40179	68.67899	12.58052	138.7574
#1	-.000078	.0000785	.0053689	.0007262	.0000413	.0024673	.0057360
#2	-.000049	.0000221	.0023639	.0006402	.0000350	.0019155	-.000486
#3	-.000145	.0001893	.0085244	.0005430	.0001130	.0022555	.001597

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000079**	**.0180868**	**.0003795**	**.0003625**	**-.077342**	**.0002754**	**.0017856**
Stddev	.000262	.0210758	.0000994	.0000739	.015694	.0012497	.0002498
%RSD	332.7191	116.5257	26.18257	20.39000	20.29209	453.8179	13.98978
#1	-.000278	.0366935	.0004864	.0004438	-.094431	-.001167	.0015903
#2	.000218	.0223677	.0002899	.0003446	-.074023	.001029	.0016993
#3	-.000176	-.004801	.0003623	.0002992	-.063573	.000964	.0020671

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.012771**	**.0072604**	**.0007829**	**.0022822**	**.0000113**	**-.004316**	**-.003970**
Stddev	.015717	.0003001	.0002721	.0002735	.0002765	.003211	.001184
%RSD	123.0725	4.133626	34.75188	11.98592	2452.588	74.39858	29.82265
#1	-.026516	.0073768	.0010845	.0024956	-.000289	-.000761	-.002621
#2	.004365	.0074849	.0005559	.0019738	.000066	-.007007	-.004450
#3	-.016161	.0069195	.0007083	.0023771	.000256	-.005180	-.004838

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: CCB05 Acquired: 6/4/2025 20:16:39 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	**-.000914**	**-.001584**	**.0002642**
Stddev	.001139	.000533	.0000975
%RSD	124.6211	33.63558	36.90642
#1	.000150	-.002045	.0001683
#2	-.002115	-.001706	.0003632
#3	-.000777	-.001001	.0002611

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3298.656**	**69560.33**	**10051.47**	**2356.424**	**4548.331**
Stddev	54.617	878.30	164.84	65.828	49.307
%RSD	1.655750	1.262641	1.639993	2.793555	1.084077
#1	3344.448	69921.44	9966.26	2382.417	4591.927
#2	3238.205	68559.04	9946.68	2281.568	4494.819
#3	3313.315	70200.51	10241.48	2405.288	4558.247

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: Q2177-08 Acquired: 6/4/2025 20:20:59 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	**-.003785**	**-.000706**	**.0014377**	**-.000188**	**.0030845**	**.0156231**	**.0023039**
Stddev	.000578	.000668	.0010046	.001107	.0014054	.0068012	.0006573
%RSD	15.26201	94.56401	69.87534	588.4634	45.56245	43.53325	28.52879
#1	-.004238	-.001210	.0015712	-.001009	.0041244	.0187283	.0028051
#2	-.003984	.000051	.0023689	-.000627	.0014857	.0203175	.0025470
#3	-.003134	-.000961	.0003730	.001071	.0036435	.0078235	.0015598

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000225**	**-.000082**	**.0722934**	**.0001317**	**-.000268**	**.0008623**	**.0136016**
Stddev	.000055	.000031	.0063077	.0002712	.000146	.0001458	.0008497
%RSD	24.46171	37.21955	8.725200	205.9032	54.50592	16.91450	6.246839
#1	-.000176	-.000113	.0661598	.0002871	-.000430	.0006940	.0128951
#2	-.000284	-.000051	.0719583	.0002894	-.000231	.0009395	.0133651
#3	-.000215	-.000084	.0787619	-.000181	-.000144	.0009532	.0145444

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0018174**	**.0129358**	**.0017457**	**-.000257**	**-.108182**	**.0009400**	**.0023190**
Stddev	.0000783	.0064862	.0001675	.000331	.013221	.0016697	.0000305
%RSD	4.306266	50.14164	9.593757	128.6620	12.22130	177.6325	1.316415
#1	.0018238	.0077882	.0015527	-.000631	-.093360	.0023060	.0023533
#2	.0018922	.0202210	.0018316	-.000001	-.118761	-.000921	.0023085
#3	.0017361	.0107982	.0018527	-.000139	-.112424	.001435	.0022950

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.014994**	**.0029517**	**.0004533**	**.0017734**	**-.000589**	**.0132590**	**.0030243**
Stddev	.021041	.0005152	.0000892	.0004515	.000552	.0069270	.0012223
%RSD	140.3350	17.45582	19.68029	25.46057	93.75258	52.24404	40.41592
#1	-.033276	.0035197	.0005535	.0022666	-.000691	.0186935	.0020052
#2	-.019712	.0028208	.0004243	.0013806	-.001084	.0054591	.0026882
#3	.008006	.0025144	.0003822	.0016729	.000007	.0156244	.0043795

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: Q2177-08 Acquired: 6/4/2025 20:20:59 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	.0491125	-.006521	.0002588
Stddev	.0005032	.000487	.0000398
%RSD	1.024598	7.462109	15.36817
#1	.0493418	-.007000	.0002622
#2	.0494603	-.006027	.0002175
#3	.0485355	-.006536	.0002968

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3269.468	67654.82	9831.057	2351.248	4583.092
Stddev	69.559	2385.68	39.213	26.147	65.622
%RSD	2.127544	3.526247	.3988706	1.112033	1.431820
#1	3233.559	65434.04	9836.147	2358.533	4544.423
#2	3349.644	70176.79	9789.547	2372.980	4658.860
#3	3225.203	67353.65	9867.477	2322.232	4545.994

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: Q2169-03DUP Acquired: 6/4/2025 20:25:19 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	**.0240277**	**-.002970**	**.1813200**	**.0019916**	**-.003034**	**41.62787**
Stddev	.0041387	.000717	.0074742	.0051353	.001020	.06173
%RSD	17.22467	24.13273	4.122079	257.8510	33.62626	.1482914
#1	.0267988	-.002933	.1729113	.0024839	-.004211	41.55661
#2	.0192703	-.003705	.1838414	.0068630	-.002495	41.66490
#3	.0260141	-.002273	.1872075	-.003372	-.002397	41.66210

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2674869**	**.0019757**	**.0014349**	**73.25497**	**.1674817**	**.0209469**
Stddev	.0015832	.0000441	.0003935	1.57285	.0018806	.0007269
%RSD	.5918653	2.229460	27.42041	2.147085	1.122893	3.469979
#1	.2658697	.0019899	.0009859	72.53142	.1695856	.0201343
#2	.2690337	.0019263	.0015995	75.05939	.1659639	.0211714
#3	.2675575	.0020109	.0017194	72.17411	.1668957	.0215350

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1608524**	**37.76185**	**1.888910**	**19.72646**	**.0541225**	**.0010610**
Stddev	.0076822	.60466	.028038	.76015	.0021836	.0004089
%RSD	4.775940	1.601254	1.484372	3.853456	4.034560	38.54022
#1	.1519822	38.29642	1.872137	19.36324	.0516142	.0008441
#2	.1653652	37.88353	1.921278	20.60008	.0551544	.0015326
#3	.1652099	37.10560	1.873313	19.21605	.0555989	.0008062

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**166.7622**	**.0708902**	**.4008463**	**11.37728**	**.2244307**	**.0318041**
Stddev	1.8189	.0001636	.0059402	.27311	.0029198	.0013185
%RSD	1.090709	.2307837	1.481919	2.400485	1.300984	4.145793
#1	168.7198	.0708572	.4076689	11.68521	.2255748	.0302872
#2	166.4424	.0707456	.3968221	11.16437	.2266053	.0324491
#3	165.1244	.0710678	.3980479	11.28227	.2211122	.0326760

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: Q2169-03DUP Acquired: 6/4/2025 20:25:19 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	.3497952	.6714175	F 64.69088	2.009243	F 23.34272	.0513046
Stddev	.0115956	.0012997	1.06902	.085577	.97129	.0013108
%RSD	3.314966	.1935759	1.652505	4.259173	4.160991	2.554936
#1	.3369692	.6715798	65.89026	1.910854	22.23387	.0519098
#2	.3528798	.6726284	64.34403	2.050490	23.75139	.0498005
#3	.3595365	.6700442	63.83836	2.066385	24.04289	.0522034

Elem	Sr4077
Units	ppm
Avg	.2927272
Stddev	.0031363
%RSD	1.071396
#1	.2923276
#2	.2898099
#3	.2960441

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3427.186	67461.08	10424.68	2328.911	4191.779
Stddev	194.173	1112.56	102.59	43.648	227.203
%RSD	5.665676	1.649193	.9840794	1.874181	5.420199
#1	3648.791	66176.61	10487.54	2279.850	4453.241
#2	3286.863	68123.32	10306.30	2363.437	4042.363
#3	3345.902	68083.30	10480.21	2343.445	4079.732

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: Q2169-03LX5 Acquired: 6/4/2025 20:29:37 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	.0030468	.0010600	.0405336	-.000861	.0002227	9.530367
Stddev	.0016114	.0004321	.0007214	.001847	.0017727	.023502
%RSD	52.88792	40.76080	1.779834	214.4197	795.8632	.2466039
#1	.0045223	.0007438	.0412434	-.002177	.0022696	9.545718
#2	.0013273	.0008838	.0398011	-.001657	-.000788	9.542074
#3	.0032909	.0015523	.0405563	.001250	-.000813	9.503311

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0589857	.0003480	.0001249	16.04120	.0373972	.0047726
Stddev	.0003060	.0000703	.0000914	.08896	.0004637	.0001552
%RSD	.5187221	20.21000	73.15846	.5545907	1.239996	3.251418
#1	.0589510	.0003168	.0000826	16.12059	.0378879	.0047080
#2	.0593075	.0002986	.0000623	16.05796	.0373374	.0049497
#3	.0586985	.0004285	.0002298	15.94505	.0369663	.0046603

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0421241	9.274159	.4157188	4.240176	.0122745	.0004361
Stddev	.0004907	.088562	.0020386	.031522	.0004020	.0000566
%RSD	1.165002	.9549376	.4903821	.7434139	3.275181	12.98208
#1	.0423898	9.322923	.4177132	4.276544	.0124530	.0004773
#2	.0424247	9.327622	.4158044	4.223282	.0125563	.0004595
#3	.0415578	9.171932	.4136387	4.220702	.0118141	.0003716

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	37.87857	.0169352	.0976653	2.531999	.0509898	.0071763
Stddev	.24267	.0016414	.0002401	.025468	.0009705	.0002260
%RSD	.6406618	9.692078	.2458361	1.005846	1.903288	3.148852
#1	37.94587	.0150581	.0979409	2.523651	.0520998	.0070693
#2	38.08048	.0176470	.0975541	2.560593	.0505676	.0074359
#3	37.60934	.0181006	.0975010	2.511753	.0503019	.0070237

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: Q2169-03LX5 Acquired: 6/4/2025 20:29:37 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	.0717997	.1541501	F 15.23760	.4329652	5.092931	.0109970
Stddev	.0011755	.0021308	.09971	.0042457	.057046	.0005385
%RSD	1.637153	1.382273	.6543632	.9806034	1.120111	4.896808
#1	.0728723	.1561408	15.29918	.4361460	5.146827	.0115919
#2	.0719839	.1544068	15.29105	.4346056	5.098780	.0108563
#3	.0705431	.1519025	15.12256	.4281441	5.033185	.0105429

Elem	Sr4077
Units	ppm
Avg	.0651185
Stddev	.0001346
%RSD	.2066472
#1	.0652139
#2	.0651771
#3	.0649646

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3036.469	63806.73	10606.02	2181.930	4082.697
Stddev	15.782	271.51	17.29	5.796	25.109
%RSD	.5197641	.4255144	.1630193	.2656572	.6150172
#1	3028.871	63686.30	10588.50	2183.530	4068.063
#2	3025.923	63616.27	10606.48	2175.502	4068.339
#3	3054.614	64117.62	10623.08	2186.759	4111.691

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: Q2169-03MS Acquired: 6/4/2025 20:33:51 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	**.6982507**	**1.756475**	**1.084882**	**1.552389**	**.4397363**	**46.02561**
Stddev	.0034720	.021020	.010165	.008560	.0010571	.00829
%RSD	.4972462	1.196709	.9370122	.5513949	.2403862	.0180138
#1	.7014938	1.741561	1.083405	1.549453	.4401469	46.03072
#2	.6945879	1.747349	1.075535	1.545683	.4405265	46.03006
#3	.6986706	1.780515	1.095705	1.562030	.4385356	46.01604

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4473066**	**.1674953**	**.1904645**	**78.07977**	**.5106585**	**.2125478**
Stddev	.0022742	.0072599	.0022915	2.55436	.0089488	.0015411
%RSD	.5084086	4.334410	1.203092	3.271475	1.752412	.7250722
#1	.4446809	.1756876	.1897069	81.02881	.5208328	.2126636
#2	.4485856	.1618592	.1886477	76.55901	.5040082	.2109520
#3	.4486532	.1649393	.1930388	76.65150	.5071344	.2140277

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4120432**	**40.96146**	**2.139130**	**22.28768**	**.5307948**	**.0400933**
Stddev	.0006019	.33636	.050691	1.62634	.0045728	.0003302
%RSD	.1460707	.8211688	2.369688	7.297022	.8614954	.8236809
#1	.4118777	41.25376	2.197615	24.16546	.5292840	.0402864
#2	.4127106	41.03681	2.107862	21.36943	.5271686	.0397120
#3	.4115415	40.59382	2.111911	21.32815	.5359318	.0402816

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**178.4944**	**.3260407**	**.5561892**	**20.79756**	**.4543256**	**.3708048**
Stddev	2.8946	.0046172	.0022343	.47818	.0144212	.0007110
%RSD	1.621668	1.416147	.4017182	2.299209	3.174203	.1917455
#1	175.1727	.3313085	.5536236	20.26969	.4708563	.3709533
#2	179.8337	.3226951	.5572363	21.20175	.4443217	.3714298
#3	180.4767	.3241186	.5577076	20.92122	.4477988	.3700313

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: Q2169-03MS Acquired: 6/4/2025 20:33:51 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	.7458979	.8266339	F 68.94289	7.897853	F 25.35062	.2212242
Stddev	.0088616	.0040820	.62705	.072643	.16383	.0082779
%RSD	1.188039	.4938056	.9095260	.9197826	.6462587	3.741880
#1	.7429950	.8302567	68.52135	7.856335	25.25556	.2117162
#2	.7388518	.8222112	69.66349	7.855491	25.25652	.2251272
#3	.7558468	.8274338	68.64383	7.981732	25.53980	.2268290

Elem	Sr4077
Units	ppm
Avg	.4718899
Stddev	.0076348
%RSD	1.617919
#1	.4631465
#2	.4752844
#3	.4772388

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3328.126	69607.54	10791.37	2408.961	4007.819
Stddev	68.314	957.43	190.65	85.321	57.134
%RSD	2.052622	1.375473	1.766661	3.541814	1.425567
#1	3297.550	70651.31	10573.76	2504.570	3979.712
#2	3280.441	68770.08	10929.00	2340.571	3970.183
#3	3406.387	69401.21	10871.35	2381.740	4073.562

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: Q2169-03MSD Acquired: 6/4/2025 20:37:57 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	**.7349509**	**1.829993**	**1.140743**	**1.650328**	**.4634136**	**47.60330**
Stddev	.0194152	.058625	.029387	.047842	.0142278	.08044
%RSD	2.641696	3.203570	2.576095	2.898954	3.070216	.1689869
#1	.7572022	1.894343	1.169482	1.704865	.4797092	47.57229
#2	.7214567	1.779619	1.110749	1.615435	.4570746	47.69463
#3	.7261939	1.816017	1.141998	1.630684	.4534571	47.54297

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4440795**	**.1853898**	**.2010108**	**77.36115**	**.5364780**	**.2234054**
Stddev	.0021346	.0049995	.0055140	2.15228	.0098159	.0062324
%RSD	.4806870	2.696741	2.743109	2.782125	1.829688	2.789716
#1	.4418311	.1806875	.2063899	79.82965	.5269851	.2301883
#2	.4460784	.1906411	.1953713	76.37633	.5465878	.2179315
#3	.4443290	.1848408	.2012712	75.87747	.5358612	.2220963

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4311721**	**41.08438**	**2.153619**	**22.67792**	**.5575631**	**.0436564**
Stddev	.0112345	1.75858	.046194	1.28422	.0144829	.0005184
%RSD	2.605580	4.280420	2.144971	5.662864	2.597531	1.187387
#1	.4441427	43.09677	2.206346	24.15334	.5733002	.0441730
#2	.4248818	39.84292	2.134244	22.06893	.5447944	.0431363
#3	.4244919	40.31347	2.120266	21.81149	.5545946	.0436599

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**174.6992**	**.3326645**	**.5808404**	**21.27348**	**.4900514**	**.3906088**
Stddev	4.0897	.0041051	.0020651	.27866	.0036115	.0107771
%RSD	2.340977	1.233996	.3555310	1.309909	.7369597	2.759039
#1	179.1827	.3373984	.5818809	21.55255	.4885122	.4029975
#2	171.1734	.3300878	.5784621	20.99523	.4941775	.3854322
#3	173.7413	.3305071	.5821783	21.27266	.4874646	.3833968

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: Q2169-03MSD Acquired: 6/4/2025 20:37:57 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	.7889947	.8455899	F 69.15011	8.317670	F 26.33548	.2330869
Stddev	.0239446	.0047988	2.11187	.241387	.73218	.0066181
%RSD	3.034822	.5675063	3.054034	2.902104	2.780222	2.839308
#1	.8123494	.8502359	71.51893	8.561877	27.13252	.2254463
#2	.7645009	.8458821	67.46421	8.079205	25.69275	.2370303
#3	.7901338	.8406517	68.46719	8.311929	26.18118	.2367840

Elem	Sr4077
Units	ppm
Avg	.4742527
Stddev	.0079275
%RSD	1.671573
#1	.4651381
#2	.4795435
#3	.4780764

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3230.614	66478.48	10182.45	2364.007	3880.844
Stddev	107.427	1074.10	35.65	91.263	116.936
%RSD	3.325271	1.615705	.3501288	3.860518	3.013148
#1	3130.714	65497.56	10141.61	2278.047	3757.988
#2	3216.881	67626.23	10207.31	2459.780	3893.759
#3	3344.247	66311.64	10198.44	2354.195	3990.786

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: Q2169-03A Acquired: 6/4/2025 20:42:03 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	**.7734891**	**1.958496**	**1.183239**	**1.795136**	**.7356365**	**44.91447**
Stddev	.0020075	.012064	.011518	.005271	.0059899	.03624
%RSD	.2595432	.6159902	.9734501	.2936243	.8142414	.0806831
#1	.7726885	1.946438	1.170494	1.793504	.7405250	44.87866
#2	.7720054	1.970567	1.192906	1.801031	.7289549	44.95112
#3	.7757734	1.958483	1.186316	1.790875	.7374295	44.91362

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4470325**	**.2081779**	**.2098796**	**75.29082**	**.5607684**	**.2318048**
Stddev	.0013443	.0055204	.0024907	1.95495	.0095432	.0020166
%RSD	.3007200	2.651754	1.186717	2.596538	1.701809	.8699451
#1	.4459508	.2082369	.2072206	77.52009	.5590240	.2296580
#2	.4485375	.2136686	.2121582	74.48377	.5710634	.2336593
#3	.4466092	.2026283	.2102599	73.86859	.5522176	.2320971

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4482235**	**39.33436**	**2.103050**	**22.40480**	**.5792639**	**.0664579**
Stddev	.0012742	1.15662	.038478	1.18062	.0043340	.0012626
%RSD	.2842858	2.940484	1.829628	5.269488	.7481916	1.899851
#1	.4492790	40.52180	2.146062	23.75745	.5745991	.0679066
#2	.4468080	38.21124	2.091189	21.87547	.5831659	.0658754
#3	.4485835	39.27004	2.071899	21.58147	.5800266	.0655917

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**159.9409**	**.3501681**	**.5883137**	**20.38603**	**.5116213**	**.4207080**
Stddev	3.7426	.0061009	.0042702	.33367	.0083850	.0021177
%RSD	2.339966	1.742287	.7258322	1.636780	1.638913	.5033640
#1	161.5718	.3559036	.5870250	20.45411	.5157604	.4225514
#2	155.6596	.3437578	.5848362	20.02357	.5171320	.4183949
#3	162.5913	.3508430	.5930797	20.68042	.5019716	.4211776

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: Q2169-03A Acquired: 6/4/2025 20:42:03 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	**1.090335**	**.8856649**	F **63.58489**	**8.461534**	F **24.70741**	**.2462259**
Stddev	.012364	.0036942	1.33992	.072639	.12046	.0056750
%RSD	1.133924	.4171147	2.107293	.8584604	.4875460	2.304784
#1	1.078260	.8894446	64.74023	8.383694	24.57460	.2397598
#2	1.102969	.8854877	62.11600	8.527511	24.80963	.2485385
#3	1.089774	.8820625	63.89843	8.473397	24.73799	.2503794

Elem	Sr4077
Units	ppm
Avg	**.4742338**
Stddev	.0060918
%RSD	1.284560
#1	.4672209
#2	.4782150
#3	.4772654

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3303.565**	**66613.88**	**9671.853**	**2352.832**	**3995.290**
Stddev	75.568	1062.96	67.742	86.179	64.368
%RSD	2.287469	1.595704	.7003998	3.662773	1.611094
#1	3238.053	66234.18	9598.011	2327.090	3944.853
#2	3386.237	67814.54	9686.426	2448.949	4067.788
#3	3286.404	65792.90	9731.123	2282.457	3973.229

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: PB168276BL Acquired: 6/4/2025 20:46:07 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	**-.000985**	**.0000782**	**-.000333**	**.0004063**	**.0003640**	**.0027873**	**-.002500**
Stddev	.001293	.0014969	.001102	.0011483	.0015990	.0044849	.000675
%RSD	131.3217	1913.913	331.5230	282.6358	439.2108	160.9038	26.99519
#1	.000353	-.000792	.000927	.0014689	-.000789	-.001968	-.003199
#2	-.002228	-.000780	-.000805	.0005619	-.000309	.006942	-.001852
#3	-.001079	.001807	-.001120	-.000812	.002189	.003388	-.002448

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000077**	**.0000332**	**.0060701**	**.0005556**	**-.000029**	**.0000989**	**.0007811**
Stddev	.000045	.0000539	.0028397	.0006477	.000098	.0002734	.0018569
%RSD	58.47227	162.4315	46.78200	116.5796	332.0208	276.5570	237.7342
#1	-.000086	.0000387	.0082118	.0012989	.000028	.0002568	.0022626
#2	-.000117	.0000841	.0028489	.0002555	.000026	-.000217	.0013826
#3	-.000028	-.000023	.0071496	.0001123	-.000142	.000257	-.001302

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000100**	**.0132523**	**.0002384**	**-.000168**	**-.004480**	**-.000283**	**.0000629**
Stddev	.000070	.0101648	.0002399	.000272	.005917	.000624	.0002328
%RSD	69.96146	76.70208	100.6409	162.0121	132.0805	219.9733	370.0063
#1	-.000074	.0224200	.0000773	-.000119	-.001634	-.000848	.0003227
#2	-.000179	.0150158	.0001237	-.000462	-.000523	.000386	-.000007
#3	-.000047	.0023212	.0005141	.000076	-.011283	-.000389	-.000127

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0048261**	**.0011815**	**.0000716**	**.0024852**	**-.000719**	**.0003304**	**-.004354**
Stddev	.0156905	.0004206	.0002141	.0009873	.000395	.0042431	.001724
%RSD	325.1186	35.60265	298.8332	39.72759	54.89360	1284.241	39.58850
#1	.0093609	.0011959	.0003132	.0034433	-.000914	-.002299	-.005092
#2	.0177497	.0015947	-.000095	.0025413	-.000265	-.001935	-.005585
#3	-.012632	.0007538	-.000004	.0014711	-.000979	.005225	-.002384

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: PB168276BL Acquired: 6/4/2025 20:46:07 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	.0025333	-.000238	.0000043
Stddev	.0010379	.000799	.0000074
%RSD	40.96998	336.1313	172.5903
#1	.0033621	-.001063	.0000116
#2	.0028686	-.000183	-.000003
#3	.0013692	.000533	.000004

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3123.362	64848.45	10213.65	2230.449	4373.688
Stddev	7.412	262.78	7.51	17.659	6.314
%RSD	.2372998	.4052200	.0735474	.7917082	.1443657
#1	3128.546	64707.33	10222.21	2233.021	4377.416
#2	3126.666	64686.39	10208.15	2211.646	4377.251
#3	3114.872	65151.64	10210.59	2246.681	4366.398

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: PB168276BS Acquired: 6/4/2025 20:50:28 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	.7368626	1.854681	.9175931	1.862159	.7737516	1.808750
Stddev	.0053266	.014368	.0014926	.011649	.0025072	.032787
%RSD	.7228698	.7747043	.1626605	.6255703	.3240330	1.812673
#1	.7351204	1.847043	.9159143	1.850334	.7710162	1.845834
#2	.7428421	1.845744	.9187702	1.873624	.7759406	1.783611
#3	.7326253	1.871255	.9180947	1.862520	.7742979	1.796804

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1790497	.1894576	.1866510	.9318263	.3794587	.1902262
Stddev	.0034147	.0026748	.0009010	.0164484	.0006143	.0009668
%RSD	1.907139	1.411817	.4827270	1.765183	.1618766	.5082322
#1	.1823047	.1925455	.1856107	.9507401	.3787578	.1891216
#2	.1793494	.1879717	.1871604	.9238702	.3799034	.1906389
#3	.1754950	.1878557	.1871820	.9208686	.3797149	.1909183

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2953125	2.821846	.1889637	1.850858	.4743358	.0695418
Stddev	.0011029	.010550	.0030177	.028849	.0014608	.0000719
%RSD	.3734757	.3738567	1.596947	1.558681	.3079559	.1033319
#1	.2940506	2.818971	.1923871	1.884162	.4727478	.0695526
#2	.2957946	2.813032	.1878145	1.834852	.4756222	.0694652
#3	.2960923	2.833535	.1866895	1.833561	.4746374	.0696076

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.629397	.2745497	.1907193	8.935125	.2815044	.3913489
Stddev	.020290	.0033806	.0010612	.040631	.0044453	.0011225
%RSD	.7716750	1.231332	.5563956	.4547382	1.579128	.2868172
#1	2.632162	.2784369	.1918183	8.915637	.2866034	.3900529
#2	2.648162	.2729159	.1906389	8.981829	.2784435	.3919864
#3	2.607865	.2722963	.1897006	8.907908	.2794664	.3920075

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: PB168276BS Acquired: 6/4/2025 20:50:28 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	**.6576315**	**.1867821**	**.7870375**	**5.515214**	F **-.005720**	**.1863127**
Stddev	.0035589	.0036527	.0063642	.016635	.000599	.0033586
%RSD	.5411654	1.955577	.8086328	.3016259	10.46657	1.802689
#1	.6535881	.1909555	.7837745	5.496071	-.005155	.1900539
#2	.6590179	.1841669	.7943715	5.526165	-.005657	.1853272
#3	.6602885	.1852240	.7829666	5.523406	-.006348	.1835571

Elem	Sr4077
Units	ppm
Avg	**.1810760**
Stddev	.0032033
%RSD	1.769037
#1	.1847358
#2	.1797106
#3	.1787817

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3113.563**	**64716.23**	**9747.334**	**2215.506**	**4347.715**
Stddev	8.650	96.56	129.656	9.894	11.994
%RSD	.2778110	.1492035	1.330164	.4465762	.2758771
#1	3121.567	64826.57	9598.205	2204.522	4359.891
#2	3104.387	64647.22	9810.445	2218.280	4335.911
#3	3114.736	64674.89	9833.350	2223.718	4347.345

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: Q2175-09DLX5 Acquired: 6/4/2025 20:54:28 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	.0595866	-.014024	.0117872	.0329274	.0195855	.0313403	-.007508
Stddev	.0020224	.001545	.0005693	.0027042	.0018690	.0018384	.000715
%RSD	3.394044	11.01733	4.830078	8.212456	9.542781	5.865855	9.523345
#1	.0593002	-.014989	.0117127	.0300955	.0215721	.0321678	-.008332
#2	.0577228	-.012242	.0112588	.0332044	.0178620	.0326196	-.007049
#3	.0617370	-.014841	.0123901	.0354824	.0193223	.0292337	-.007143

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000086	.0001007	.4859668	.0109725	.0026850	1.327921	2.078913
Stddev	.000076	.0000814	.0080240	.0002595	.0000327	.005963	.008461
%RSD	88.46105	80.89122	1.651149	2.365101	1.218261	.4490801	.4069870
#1	-.000173	.0001170	.4885733	.0111958	.0026474	1.334406	2.073062
#2	-.000052	.0000123	.4923636	.0110340	.0027017	1.322674	2.088614
#3	-.000032	.0001727	.4769636	.0106878	.0027061	1.326682	2.075063

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1018173	.0113752	.0227520	.0001631	.6307516	.0032560	1.098485
Stddev	.0016544	.0084485	.0000909	.0004094	.0035545	.0019348	.000868
%RSD	1.624916	74.27079	.3994014	250.9750	.5635294	59.42220	.0789962
#1	.1015420	.0021001	.0227657	.0002723	.6307723	.0046509	1.097965
#2	.1035921	.0186312	.0228353	-.000290	.6271869	.0010472	1.098003
#3	.1003177	.0133943	.0226551	.000507	.6342958	.0040700	1.099487

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3770530	.0281501	.0007593	.0122405	.0032775	.1919430	.6004297
Stddev	.0186873	.0006102	.0003074	.0006138	.0006020	.0025307	.0046437
%RSD	4.956150	2.167780	40.49032	5.014925	18.36747	1.318477	.7733973
#1	.3984991	.0286800	.0004754	.0119141	.0034850	.1899895	.6047430
#2	.3642648	.0282873	.0007166	.0118589	.0025992	.1948019	.5955143
#3	.3683951	.0274829	.0010858	.0129486	.0037484	.1910376	.6010316

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: Q2175-09DLX5 Acquired: 6/4/2025 20:54:28 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	**10.62464**	**-.000423**	**.0005123**
Stddev	.07769	.000612	.0000354
%RSD	.7312552	144.7863	6.915682
#1	10.71363	-.001015	.0004788
#2	10.57030	.000208	.0005494
#3	10.59000	-.000461	.0005087

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3040.546**	**66099.71**	**9617.921**	**2172.497**	**4730.432**
Stddev	11.811	136.78	82.176	5.251	16.136
%RSD	.3884360	.2069240	.8544100	.2417166	.3411206
#1	3043.167	66003.13	9649.935	2167.601	4727.017
#2	3050.826	66039.77	9524.556	2178.043	4748.003
#3	3027.645	66256.22	9679.273	2171.847	4716.277

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: CCV06 Acquired: 6/4/2025 20:58:43 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	**4.622372**	**4.691862**	**4.652256**	**4.625610**	**4.661586**	**9.213689**	**9.412952**
Stddev	.005718	.017969	.010153	.015783	.010682	.018056	.073590
%RSD	.1237115	.3829874	.2182343	.3412184	.2291480	.1959667	.7817997
#1	4.620818	4.673623	4.653222	4.617112	4.657900	9.227275	9.472162
#2	4.617591	4.692413	4.641655	4.615897	4.653236	9.220592	9.330563
#3	4.628707	4.709549	4.661891	4.643822	4.673623	9.193200	9.436131

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2314000**	**2.323502**	**23.25344**	**.9303992**	**2.328166**	**1.174180**	**4.687099**
Stddev	.0004262	.006271	.06637	.0008135	.005329	.002540	.005525
%RSD	.1842043	.2698773	.2854102	.0874336	.2288902	.2163264	.1178690
#1	.2313540	2.330445	23.27883	.9311401	2.333978	1.176052	4.691157
#2	.2318474	2.318252	23.30337	.9305287	2.323510	1.171289	4.680807
#3	.2309986	2.321809	23.17813	.9295287	2.327009	1.175200	4.689334

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.345211**	**22.96193**	**2.331282**	**1.164974**	**23.54934**	**2.312990**	**2.289748**
Stddev	.002868	.04667	.006050	.001941	.04516	.004350	.004351
%RSD	.1223069	.2032383	.2595113	.1665800	.1917812	.1880844	.1900361
#1	2.343689	22.93250	2.338066	1.166571	23.50354	2.315323	2.294733
#2	2.348520	23.01574	2.326447	1.162814	23.59384	2.315677	2.286712
#3	2.343425	22.93756	2.329331	1.165538	23.55064	2.307971	2.287798

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**23.04816**	**4.610763**	**4.689490**	**4.615189**	**4.663084**	**4.631688**	**4.685363**
Stddev	.00813	.002755	.013327	.006102	.010647	.005904	.001047
%RSD	.0352736	.0597489	.2841953	.1322128	.2283242	.1274617	.0223481
#1	23.05591	4.609277	4.682099	4.618503	4.657943	4.626271	4.684532
#2	23.04889	4.613942	4.681496	4.608147	4.675326	4.630811	4.685018
#3	23.03969	4.609071	4.704875	4.618917	4.655982	4.637980	4.686539

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: CCV06 Acquired: 6/4/2025 20:58:43 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	**4.509061**	**4.648801**	**4.706135**
Stddev	.011639	.014894	.021936
%RSD	.2581203	.3203885	.4661250
#1	4.496180	4.641538	4.696313
#2	4.512183	4.665934	4.731266
#3	4.518821	4.638932	4.690826

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3056.353**	**63960.14**	**9584.519**	**2159.267**	**4105.250**
Stddev	1.859	47.06	19.395	4.943	6.008
%RSD	.0608083	.0735836	.2023613	.2289098	.1463467
#1	3057.250	63905.88	9575.299	2154.737	4098.802
#2	3057.592	63989.93	9571.453	2158.526	4106.256
#3	3054.216	63984.60	9606.805	2164.539	4110.691

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: CCB06 Acquired: 6/4/2025 21:02:55 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	**-.001073**	**.0003715**	**-.000647**	**.0019466**	**.0022281**	**.0068825**	**-.002418**
Stddev	.001537	.0007060	.000180	.0006293	.0014692	.0058419	.000576
%RSD	143.2825	190.0328	27.83380	32.32957	65.93878	84.88110	23.83966
#1	-.000680	.0009355	-.000798	.0024222	.0038511	.0136276	-.001969
#2	-.002768	.0005993	-.000448	.0012330	.0009891	.0035799	-.002217
#3	.000230	-.000420	-.000696	.0021844	.0018440	.0034398	-.003067

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000082**	**.0000247**	**.0095301**	**.0005642**	**-.000102**	**.0000894**	**.0043275**
Stddev	.000041	.0000606	.0031956	.0002405	.000045	.0004059	.0022075
%RSD	49.70079	244.9086	33.53207	42.63574	44.21310	453.9729	51.00982
#1	-.000100	-.000003	.0119685	.0005616	-.000088	-.000167	.0038116
#2	-.000111	-.000017	.0059124	.0003249	-.000153	-.000122	.0067472
#3	-.000035	.000094	.0107093	.0008060	-.000066	.000557	.0024237

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0000101**	**.0075297**	**.0003563**	**.0002986**	**-.080892**	**.0005895**	**.0009006**
Stddev	.0002114	.0087139	.0001954	.0002135	.009366	.0009700	.0003399
%RSD	2098.327	115.7269	54.83462	71.48884	11.57829	164.5284	37.74257
#1	-.000093	.0103379	.0001366	.0005426	-.091579	.0004784	.0011876
#2	-.000130	-.002242	.0005106	.0001458	-.074115	-.000320	.0005253
#3	.000253	.014493	.0004217	.0002076	-.076981	.001610	.0009890

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.007925**	**.0063965**	**.0006714**	**.0003988**	**-.000663**	**-.001305**	**-.000393**
Stddev	.034620	.0006428	.0002695	.0003944	.000425	.007503	.001139
%RSD	436.8620	10.04880	40.14424	98.89360	64.18411	574.8563	289.5700
#1	-.016452	.0061751	.0009572	.0008525	-.000172	-.003403	-.000313
#2	.030162	.0071207	.0006352	.0002071	-.000910	-.007537	-.001571
#3	-.037484	.0058937	.0004218	.0001369	-.000906	.007024	.000704

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: CCB06 Acquired: 6/4/2025 21:02:55 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	.0016219	-.002016	.0000935
Stddev	.0011620	.000521	.0000140
%RSD	71.64559	25.85867	15.00624
#1	.0026621	-.001518	.0000896
#2	.0003678	-.001972	.0000818
#3	.0018356	-.002558	.0001091

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3135.643	67398.24	10421.07	2254.381	4410.372
Stddev	13.257	318.23	20.97	16.515	20.376
%RSD	.4227803	.4721644	.2012419	.7325935	.4620040
#1	3137.623	67310.26	10408.24	2246.057	4413.847
#2	3147.799	67751.21	10445.27	2273.402	4428.788
#3	3121.508	67133.26	10409.70	2243.683	4388.482

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: Q2198-05DLX5 Acquired: 6/4/2025 21:07:15 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	.0030705	-.002532	.0315853	-.001487	.0005347	9.224225	.0272269
Stddev	.0017110	.000753	.0008398	.002366	.0009591	.019024	.0004276
%RSD	55.72383	29.72716	2.658911	159.1323	179.3747	.2062351	1.570546
#1	.0011818	-.001668	.0318938	-.000496	.0012045	9.214353	.0268555
#2	.0035128	-.003048	.0306348	-.004187	.0009635	9.246155	.0271309
#3	.0045169	-.002880	.0322272	.000222	-.000564	9.212167	.0276944

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004898	.0000928	13.28923	.0238011	.0026970	.0202159	10.71694
Stddev	.0000296	.0000661	.01705	.0003293	.0001625	.0004375	.08191
%RSD	6.038848	71.25708	.1283353	1.383539	6.025280	2.164303	.7642961
#1	.0004604	.0000536	13.30729	.0236577	.0025272	.0199450	10.72064
#2	.0004893	.0001691	13.28701	.0235678	.0028511	.0199820	10.63324
#3	.0005196	.0000556	13.27339	.0241778	.0027126	.0207207	10.79694

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1417139	14.53828	.0095684	.0003798	146.9323	.0307939	.0596623
Stddev	.0007073	.06244	.0002214	.0001609	1.2574	.0007486	.0001830
%RSD	.4990938	.4294980	2.313562	42.36209	.8557422	2.430999	.3067126
#1	.1415802	14.46855	.0097769	.0005053	146.6758	.0302335	.0595592
#2	.1424784	14.58904	.0095923	.0004358	145.8231	.0316441	.0595542
#3	.1410830	14.55724	.0093361	.0001984	148.2982	.0305042	.0598736

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.16010	.4490333	.0048520	.0007047	.2370660	10.37948	.2765802
Stddev	.12624	.0011374	.0004047	.0003400	.0046879	.11608	.0039209
%RSD	1.038139	.2532918	8.339819	48.25134	1.977489	1.118374	1.417639
#1	12.12687	.4482106	.0046752	.0006177	.2413906	10.38955	.2720636
#2	12.05380	.4485580	.0045658	.0010798	.2377231	10.25870	.2785675
#3	12.29963	.4503312	.0053149	.0004167	.2320841	10.49021	.2791096

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: Q2198-05DLX5 Acquired: 6/4/2025 21:07:15 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	**4.005522**	**.0121845**	**.1319770**
Stddev	.004687	.0004097	.0005319
%RSD	.1170155	3.362710	.4030352
#1	4.000540	.0117179	.1320811
#2	4.009845	.0124856	.1324493
#3	4.006180	.0123499	.1314008

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3025.869**	**62660.82**	**9535.178**	**2137.352**	**3990.898**
Stddev	11.873	562.95	11.407	23.511	9.702
%RSD	.3923807	.8984063	.1196288	1.100013	.2430945
#1	3031.485	62856.73	9533.950	2144.840	3996.579
#2	3033.891	63099.65	9524.435	2156.207	3996.418
#3	3012.229	62026.10	9547.150	2111.009	3979.696

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: Q2198-05DUPDLX5 Acquired: 6/4/2025 21:11:27 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	**.0016219**	**-.000046**	**.0346504**	**-.000385**	**.0002710**	**10.02507**	**.0318841**
Stddev	.0012191	.001766	.0009756	.002761	.0004792	.26872	.0015128
%RSD	75.16313	3832.640	2.815636	717.8633	176.8246	2.680487	4.744813
#1	.0011079	-.002073	.0349045	.002725	-.000176	9.88801	.0310616
#2	.0007440	.000775	.0354738	-.002550	.000211	10.33469	.0336301
#3	.0030138	.001159	.0335729	-.001328	.000777	9.85252	.0309607

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0004827**	**-.000157**	**14.66845**	**.0250336**	**.0028318**	**.0211707**	**12.97191**
Stddev	.0000709	.000082	.36599	.0004978	.0001395	.0003455	.10328
%RSD	14.68029	52.33429	2.495111	1.988609	4.926924	1.632080	.7962185
#1	.0004215	-.000062	14.48315	.0255780	.0029533	.0214651	13.08982
#2	.0004662	-.000200	15.09004	.0246016	.0026794	.0207903	12.92846
#3	.0005603	-.000209	14.43216	.0249212	.0028627	.0212568	12.89745

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1575230**	**15.75496**	**.0099717**	**.0006634**	**174.5577**	**.0341998**	**.0563502**
Stddev	.0041064	.36796	.0002799	.0002023	1.6588	.0005288	.0002198
%RSD	2.606883	2.335551	2.806679	30.49040	.9502754	1.546089	.3901135
#1	.1563090	15.53965	.0102530	.0008961	176.4674	.0335933	.0561440
#2	.1620996	16.17983	.0099688	.0005650	173.4760	.0345642	.0565815
#3	.1541605	15.54538	.0096933	.0005292	173.7296	.0344418	.0563249

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**14.31051**	**.4457228**	**.0051630**	**.0003587**	**.2797430**	**12.35999**	**.2923021**
Stddev	.14571	.0100038	.0002251	.0003910	.0044189	.08794	.0053094
%RSD	1.018223	2.244396	4.359218	109.0201	1.579644	.7115255	1.816396
#1	14.47829	.4390782	.0054147	-.000073	.2756033	12.41946	.2977787
#2	14.23758	.4572281	.0050934	.000688	.2843963	12.40155	.2919502
#3	14.21567	.4408619	.0049811	.000461	.2792296	12.25897	.2871774

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: Q2198-05DUPDLX5 Acquired: 6/4/2025 21:11:27 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	**4.180905**	**.0135396**	**.1473989**
Stddev	.044836	.0009968	.0041907
%RSD	1.072388	7.362330	2.843120
#1	4.232637	.0136339	.1454825
#2	4.156781	.0144860	.1522052
#3	4.153295	.0124990	.1445091

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3062.370**	**63513.06**	**10455.81**	**2159.943**	**4036.775**
Stddev	8.990	256.11	255.16	6.207	13.233
%RSD	.2935579	.4032364	2.440356	.2873536	.3278090
#1	3065.218	63248.76	10635.90	2154.943	4039.478
#2	3069.590	63760.11	10163.82	2157.998	4048.448
#3	3052.301	63530.32	10567.70	2166.890	4022.399

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: Q2198-05LDLX25 Acquired: 6/4/2025 21:15:48 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	**-.000735**	**-.000684**	**.0057530**	**-.001782**	**.0003523**	**1.862521**	**.0038687**
Stddev	.001291	.001703	.0018299	.000984	.0003385	.007522	.0011843
%RSD	175.6167	248.9586	31.80748	55.23117	96.09351	.4038580	30.61363
#1	-.001980	-.001681	.0064925	-.000704	.0004030	1.853855	.0025049
#2	-.000824	.001282	.0036691	-.002009	.0006626	1.867362	.0044621
#3	.000598	-.001653	.0070974	-.002634	-.000009	1.866346	.0046390

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0000303**	**-.000070**	**2.790183**	**.0048846**	**.0005022**	**.0044857**	**2.380585**
Stddev	.0000459	.000082	.009612	.0000678	.0001872	.0001333	.020027
%RSD	151.6520	117.3851	.3444946	1.387816	37.27628	2.971684	.8412688
#1	.0000798	-.000004	2.793775	.0048148	.0003080	.0044901	2.357616
#2	.0000220	-.000044	2.779293	.0048889	.0006815	.0046167	2.389739
#3	-.000011	-.000162	2.797482	.0049502	.0005172	.0043502	2.394399

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0300709**	**2.978799**	**.0022280**	**-.000044**	**31.54480**	**.0053829**	**.0124175**
Stddev	.0002014	.006285	.0001735	.000381	.06954	.0015146	.0001515
%RSD	.6696686	.2109894	7.788509	870.8905	.2204369	28.13716	1.220083
#1	.0299224	2.977871	.0023839	.000046	31.46457	.0044684	.0122487
#2	.0299902	2.973029	.0020410	-.000462	31.58756	.0071312	.0124618
#3	.0303001	2.985496	.0022591	.000285	31.58227	.0045490	.0125419

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.510189**	**.0858669**	**.0009486**	**.0000567**	**.0499204**	**2.192342**	**.0530093**
Stddev	.024383	.0004601	.0001983	.0001221	.0012788	.033007	.0036547
%RSD	.9713701	.5357778	20.90191	215.3584	2.561739	1.505552	6.894423
#1	2.482537	.0860482	.0011690	.0000008	.0484467	2.155679	.0571951
#2	2.519426	.0853438	.0007848	.0001968	.0505755	2.201658	.0504513
#3	2.528604	.0862086	.0008919	-.000027	.0507388	2.219691	.0513817

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: Q2198-05LDLX25 Acquired: 6/4/2025 21:15:48 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	.7830570	.0016193	.0283295
Stddev	.0029756	.0005267	.0000962
%RSD	.3800037	32.52434	.3396410
#1	.7800508	.0018688	.0284294
#2	.7860011	.0019748	.0283218
#3	.7831192	.0010142	.0282374

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3109.783	66350.85	10616.43	2262.899	4276.871
Stddev	8.981	216.84	18.69	7.744	12.289
%RSD	.2887982	.3268110	.1760895	.3422199	.2873468
#1	3119.329	66599.13	10612.48	2271.645	4287.805
#2	3101.501	66254.72	10600.03	2260.137	4263.570
#3	3108.519	66198.68	10636.79	2256.914	4279.237

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: Q2198-05MSDLX5 Acquired: 6/4/2025 21:20:07 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	**.1419343**	**.3767960**	**.2220240**	**.3469805**	**.1123353**	**11.83134**	**.0695492**
Stddev	.0011040	.0011409	.0009564	.0033457	.0006012	.29820	.0021088
%RSD	.7777965	.3027921	.4307459	.9642395	.5352000	2.520414	3.032075
#1	.1431617	.3780724	.2220348	.3464442	.1118710	12.17397	.0719584
#2	.1416187	.3764405	.2229749	.3505620	.1121203	11.63042	.0686507
#3	.1410225	.3758752	.2210623	.3439354	.1130144	11.68964	.0680384

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0394077**	**.0390492**	**14.95366**	**.1016399**	**.0423332**	**.0796922**	**12.73357**
Stddev	.0006463	.0000476	.36160	.0004368	.0001549	.0006507	.11293
%RSD	1.639956	.1219513	2.418107	.4297562	.3659055	.8165218	.8868322
#1	.0401305	.0390867	15.37030	.1021296	.0423560	.0796745	12.85691
#2	.0388855	.0390652	14.72158	.1014994	.0421681	.0790505	12.70852
#3	.0392072	.0389956	14.76912	.1012905	.0424754	.0803515	12.63527

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1961344**	**16.55330**	**.1086709**	**.0143471**	**157.9288**	**.0908895**	**.0956286**
Stddev	.0048252	.34078	.0002607	.0001772	.9352	.0010087	.0007248
%RSD	2.460135	2.058665	.2398642	1.235029	.5921697	1.109848	.7579163
#1	.2016982	16.93558	.1084467	.0144691	159.0085	.0920534	.0964537
#2	.1930974	16.28139	.1089569	.0141438	157.3735	.0903474	.0950947
#3	.1936076	16.44292	.1086089	.0144283	157.4042	.0902677	.0953374

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**14.98836**	**.5381581**	**.0763476**	**.0924813**	**.3155195**	**12.50928**	**1.514971**
Stddev	.06612	.0102476	.0001519	.0004827	.0119955	.10379	.007106
%RSD	.4411698	1.904192	.1989058	.5219267	3.801811	.8296961	.4690392
#1	15.06421	.5498228	.0761747	.0923262	.3289536	12.59701	1.506768
#2	14.94285	.5306044	.0764085	.0920953	.3058809	12.53612	1.518895
#3	14.95802	.5340471	.0764595	.0930225	.3117241	12.39471	1.519249

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: Q2198-05MSDLX5 Acquired: 6/4/2025 21:20:07 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	**4.311592**	**.0567225**	**.1850062**
Stddev	.015347	.0011887	.0039508
%RSD	.3559421	2.095715	2.135493
#1	4.323812	.0580797	.1895426
#2	4.294367	.0558659	.1823202
#3	4.316595	.0562219	.1831559

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3012.514**	**64925.66**	**9534.777**	**2193.180**	**3954.868**
Stddev	17.892	98.75	181.147	4.699	19.413
%RSD	.5939065	.1521022	1.899857	.2142607	.4908602
#1	3030.355	64836.36	9331.762	2188.913	3974.513
#2	3012.616	64908.91	9679.905	2192.411	3954.396
#3	2994.572	65031.72	9592.665	2198.216	3935.696

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: Q2198-05MSDDLX5 Acquired: 6/4/2025 21:24:24 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	**.1438860**	**.3783436**	**.2273454**	**.3491481**	**.1138631**	**12.06472**
Stddev	.0042251	.0039133	.0010835	.0018963	.0019052	.08653
%RSD	2.936389	1.034334	.4765754	.5431205	1.673206	.7171843
#1	.1421260	.3825075	.2266148	.3511813	.1156289	12.11544
#2	.1408254	.3747417	.2268313	.3488353	.1118440	12.11391
#3	.1487065	.3777815	.2285902	.3474276	.1141163	11.96481

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0702245**	**.0397820**	**.0397687**	**15.06158**	**.1059205**	**.0431880**
Stddev	.0002461	.0001126	.0000634	.09220	.0013987	.0001094
%RSD	.3504259	.2829909	.1593540	.6121349	1.320496	.2533732
#1	.0701973	.0398940	.0397026	15.10513	.1074212	.0432026
#2	.0704831	.0397831	.0398290	15.12394	.1046533	.0430719
#3	.0699932	.0396688	.0397745	14.95568	.1056870	.0432893

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0811427**	**13.59205**	**.1970894**	**16.70877**	**.1107915**	**.0148354**
Stddev	.0006253	.07764	.0011905	.11458	.0004159	.0000663
%RSD	.7706415	.5712087	.6040502	.6857619	.3753999	.4467562
#1	.0817285	13.67069	.1963026	16.72632	.1107023	.0148917
#2	.0804842	13.59000	.1984591	16.81357	.1104274	.0147624
#3	.0812154	13.51546	.1965066	16.58643	.1112448	.0148521

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**165.5520**	**.0920660**	**.0981599**	**15.93811**	**.5457488**	**.0771887**
Stddev	1.1674	.0014608	.0003494	.06053	.0018291	.0003701
%RSD	.7051444	1.586654	.3559860	.3798114	.3351603	.4794293
#1	166.4912	.0936065	.0985182	15.98607	.5455677	.0771610
#2	164.2450	.0918906	.0981413	15.95816	.5476618	.0768332
#3	165.9199	.0907008	.0978200	15.87009	.5440170	.0775718

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: Q2198-05MSDDLX5 Acquired: 6/4/2025 21:24:24 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	.0954374	.3281079	F 13.57990	1.550740	4.422635	.0577866
Stddev	.0012017	.0026935	.16981	.005255	.023818	.0013792
%RSD	1.259099	.8209274	1.250460	.3388900	.5385463	2.386679
#1	.0967976	.3303439	13.73006	1.555970	4.442714	.0589787
#2	.0945201	.3288621	13.61403	1.550789	4.396319	.0581051
#3	.0949945	.3251176	13.39562	1.545460	4.428871	.0562760

Elem	Sr4077
Units	ppm
Avg	.1859012
Stddev	.0010472
%RSD	.5633116
#1	.1859014
#2	.1869483
#3	.1848538

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3016.383	62824.38	9691.874	2162.387	3949.470
Stddev	17.328	190.29	14.789	10.336	21.300
%RSD	.5744744	.3028903	.1525914	.4780059	.5393236
#1	3031.086	62616.49	9687.076	2150.952	3966.230
#2	3020.783	62989.93	9680.080	2171.066	3956.678
#3	2997.278	62866.74	9708.466	2165.144	3925.500

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: Q2198-05ADLX5 Acquired: 6/4/2025 21:28:41 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	**.1467243**	**.3560118**	**.2145766**	**.3582922**	**.1482940**	**10.16047**	**.0658049**
Stddev	.0032711	.0026057	.0012398	.0059616	.0037155	.35732	.0028604
%RSD	2.229417	.7319218	.5777662	1.663898	2.505510	3.516758	4.346820
#1	.1445267	.3533381	.2132257	.3529692	.1460905	10.11495	.0665502
#2	.1451626	.3561534	.2148418	.3571734	.1462077	10.53837	.0682189
#3	.1504835	.3585438	.2156623	.3647339	.1525838	9.82810	.0626456

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0374799**	**.0375778**	**13.18986**	**.0981358**	**.0404605**	**.0753055**	**11.96180**
Stddev	.0007745	.0003702	.36598	.0002225	.0004185	.0012281	.05398
%RSD	2.066539	.9851799	2.774734	.2267125	1.034225	1.630814	.4512468
#1	.0375099	.0372713	13.16218	.0982015	.0404194	.0747337	11.95781
#2	.0382389	.0374729	13.56890	.0983181	.0400641	.0744676	12.01766
#3	.0366907	.0379891	12.83850	.0978879	.0408980	.0767152	11.90993

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1760800**	**14.57686**	**.1039194**	**.0140850**	**147.7956**	**.0851895**	**.0900247**
Stddev	.0037625	.41361	.0009694	.0003710	.7410	.0025044	.0002288
%RSD	2.136810	2.837421	.9328433	2.633851	.5013502	2.939830	.2541822
#1	.1767180	14.55163	.1036797	.0137614	147.8230	.0859715	.0897607
#2	.1794828	15.00250	.1030924	.0144899	148.5226	.0872097	.0901661
#3	.1720394	14.17644	.1049862	.0140037	147.0414	.0823874	.0901473

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**14.20374**	**.4847970**	**.0798354**	**.1314825**	**.3527134**	**12.57400**	**1.442789**
Stddev	.07630	.0097920	.0006428	.0007840	.0124931	.19295	.008210
%RSD	.5372150	2.019811	.8051427	.5962841	3.542003	1.534477	.5690118
#1	14.20649	.4852587	.0795686	.1322762	.3422242	12.47941	1.436896
#2	14.27863	.4943499	.0793690	.1307085	.3665348	12.79598	1.439306
#3	14.12610	.4747823	.0805687	.1314627	.3493813	12.44660	1.452166

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: Q2198-05ADLX5 Acquired: 6/4/2025 21:28:41 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	**3.861013**	**.0510895**	**.1655797**
Stddev	.034792	.0018070	.0056291
%RSD	.9011021	3.537013	3.399627
#1	3.851416	.0525350	.1649484
#2	3.832027	.0516700	.1714978
#3	3.899596	.0490636	.1602929

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3099.270**	**63704.53**	**9876.188**	**2207.305**	**4072.325**
Stddev	28.344	136.21	203.942	5.337	29.602
%RSD	.9145223	.2138151	2.064983	.2417775	.7269145
#1	3105.659	63737.48	9895.900	2213.467	4078.620
#2	3123.874	63821.24	9663.106	2204.266	4098.274
#3	3068.278	63554.87	10069.56	2204.182	4040.082

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: Q2172-01 Acquired: 6/4/2025 21:32:51 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	**.1510293**	**-.057040**	**.1621706**	**-.014962**	**-.011116**	**185.2653**	**.4811446**
Stddev	.0022786	.004279	.0020215	.000583	.002361	3.1397	.0086646
%RSD	1.508696	7.500890	1.246548	3.896865	21.23723	1.694679	1.800831
#1	.1533104	-.052119	.1601848	-.014636	-.013136	187.2593	.4871053
#2	.1510241	-.059879	.1621009	-.015635	-.008521	186.8904	.4851233
#3	.1487533	-.059123	.1642260	-.014615	-.011691	181.6462	.4712053

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0163403**	**.0247470**	**.3435439**	**.2108114**	**.3044014**	**.5513161**	**562.7999**
Stddev	.0003138	.0015243	.0054417	.0010774	.0008342	.0023951	7.1740
%RSD	1.920149	6.159569	1.583974	.5110575	.2740371	.4344407	1.274696
#1	.0164816	.0237432	.3497673	.2106456	.3038465	.5497603	568.7034
#2	.0165586	.0239968	.3396815	.2098266	.3039970	.5501138	564.8808
#3	.0159807	.0265010	.3411828	.2119621	.3053607	.5540743	554.8155

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**3.804013**	**7.458784**	**.2134808**	**.0089087**	**.8618413**	**.4156203**	**.2995388**
Stddev	.072699	.112997	.0009846	.0017481	.0029945	.0079647	.0006899
%RSD	1.911123	1.514948	.4611977	19.62185	.3474531	1.916336	.2303081
#1	3.849239	7.531587	.2128290	.0104599	.8628400	.4186044	.2988736
#2	3.842647	7.516154	.2130000	.0092517	.8584751	.4216620	.2994918
#3	3.720153	7.328611	.2146134	.0070146	.8642089	.4065945	.3002510

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.127557**	**1.186460**	**.0011137**	**.0173018**	**2.065095**	**8.729716**	**9.201958**
Stddev	.013123	.016531	.0001456	.0023600	.035249	.069561	.052866
%RSD	.3179313	1.393323	13.07247	13.64016	1.706906	.7968255	.5745060
#1	4.140591	1.202886	.0012269	.0200127	2.087276	8.789100	9.148654
#2	4.114347	1.186669	.0011646	.0157058	2.083558	8.746861	9.202846
#3	4.127733	1.169825	.0009495	.0161868	2.024449	8.653185	9.254374

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: Q2172-01 Acquired: 6/4/2025 21:32:51 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	1.715948	.2798727	-.524779
Stddev	.009569	.0041387	.006523
%RSD	.5576219	1.478768	1.243053
#1	1.706000	.2834525	-.530110
#2	1.716760	.2808245	-.526722
#3	1.725086	.2753410	-.517505

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3951.719	82209.21	13175.49	2812.625	4078.299
Stddev	6.770	136.64	182.07	5.028	9.122
%RSD	.1713227	.1662159	1.381849	.1787624	.2236732
#1	3952.281	82271.06	13102.86	2817.108	4082.046
#2	3958.191	82052.57	13040.94	2807.189	4084.950
#3	3944.686	82303.99	13382.65	2813.578	4067.900

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: Q2172-01DUP Acquired: 6/4/2025 21:37:04 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	.1530009	-.054944	.1155471	-.018636	-.010442	186.7447	.5007726
Stddev	.0029128	.001354	.0035276	.006886	.001662	3.2414	.0109084
%RSD	1.903797	2.464790	3.052926	36.94883	15.91595	1.735716	2.178311
#1	.1499791	-.053804	.1164580	-.018469	-.008797	184.1011	.4927139
#2	.1557910	-.054587	.1116534	-.011836	-.012121	190.3611	.5131857
#3	.1532325	-.056441	.1185298	-.025604	-.010407	185.7721	.4964184

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0160322	.0242760	-.467808	.2019271	.3054961	.5465018	563.0118
Stddev	.0001622	.0021913	.010479	.0015321	.0023521	.0064515	8.6916
%RSD	1.011888	9.026709	2.240129	.7587388	.7699130	1.180514	1.543761
#1	.0158613	.0244563	-.456642	.2035404	.3056055	.5466696	560.9767
#2	.0161841	.0220001	-.477429	.2017494	.3030913	.5399680	572.5404
#3	.0160512	.0263716	-.469352	.2004917	.3077916	.5528678	555.5184

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.879509	7.105736	.2130641	.0129787	.7849446	.4225574	.2600610
Stddev	.076810	.135989	.0018790	.0023307	.0116097	.0071283	.0018782
%RSD	1.979891	1.913786	.8818772	17.95784	1.479046	1.686953	.7221976
#1	3.822595	6.983715	.2127513	.0110231	.7823692	.4191227	.2616800
#2	3.966876	7.252338	.2113612	.0155577	.7976258	.4307528	.2605010
#3	3.849056	7.081155	.2150798	.0123552	.7748389	.4177967	.2580018

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.986770	1.192331	.0001515	.0158309	2.130924	10.35499	9.234710
Stddev	.056000	.018558	.0002393	.0012662	.040569	.08983	.062238
%RSD	1.404655	1.556462	158.0293	7.998013	1.903844	.8674813	.6739608
#1	4.024370	1.192819	.0003614	.0158131	2.099217	10.38362	9.229571
#2	4.013531	1.210641	.0002021	.0145737	2.176642	10.42700	9.175200
#3	3.922410	1.173534	-.000109	.0171058	2.116914	10.25433	9.299358

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: Q2172-01DUP Acquired: 6/4/2025 21:37:04 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	1.700385	.2800831	-.526203
Stddev	.019408	.0041493	.008147
%RSD	1.141379	1.481448	1.548354
#1	1.691704	.2782181	-.524532
#2	1.686834	.2848377	-.535056
#3	1.722618	.2771936	-.519020

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3918.464	86111.30	13417.61	2905.695	4042.709
Stddev	13.533	545.72	191.47	8.923	23.597
%RSD	.3453631	.6337415	1.427026	.3070893	.5836943
#1	3918.715	85759.97	13590.28	2901.130	4044.623
#2	3931.870	85833.93	13211.69	2899.978	4065.292
#3	3904.807	86740.00	13450.85	2915.976	4018.214

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: CCV07 Acquired: 6/4/2025 21:41:17 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	**4.710531**	**4.701668**	**4.728502**	**4.693137**	**4.726380**	**9.222060**	**9.601886**
Stddev	.007024	.021291	.018807	.015951	.015645	.142320	.081614
%RSD	.1491068	.4528326	.3977416	.3398856	.3310198	1.543260	.8499788
#1	4.718462	4.719567	4.749838	4.711448	4.743808	9.076333	9.561544
#2	4.708034	4.678124	4.714328	4.682253	4.721785	9.229137	9.548299
#3	4.705097	4.707315	4.721340	4.685710	4.713546	9.360709	9.695815

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2297055**	**2.365326**	**23.41117**	**.9448765**	**2.364427**	**1.191259**	**4.925547**
Stddev	.0027349	.008780	.30710	.0024219	.009017	.003779	.030901
%RSD	1.190629	.3711991	1.311778	.2563151	.3813587	.3172181	.6273519
#1	.2265561	2.375006	23.07387	.9422780	2.374303	1.195584	4.932563
#2	.2310779	2.357876	23.48503	.9452807	2.356634	1.189591	4.891742
#3	.2314824	2.363096	23.67460	.9470709	2.362345	1.188601	4.952336

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.366791**	**23.01734**	**2.367071**	**1.189484**	**24.71958**	**2.335286**	**2.337562**
Stddev	.030768	.33382	.009779	.002360	.19514	.032116	.004282
%RSD	1.300000	1.450314	.4131179	.1983652	.7893967	1.375261	.1831901
#1	2.333150	22.66015	2.378156	1.192174	24.76555	2.302684	2.340278
#2	2.373719	23.07044	2.359665	1.187761	24.50556	2.336281	2.332626
#3	2.393505	23.32143	2.363392	1.188518	24.88762	2.366893	2.339784

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**24.05552**	**4.574670**	**4.734626**	**4.691759**	**4.707424**	**4.824389**	**4.799808**
Stddev	.12085	.050170	.013317	.018922	.071239	.032001	.021534
%RSD	.5023759	1.096692	.2812706	.4033095	1.513325	.6633169	.4486463
#1	24.09591	4.516801	4.748161	4.711574	4.635275	4.796923	4.824038
#2	23.91965	4.605938	4.721538	4.673878	4.709282	4.816715	4.782855
#3	24.15101	4.601270	4.734179	4.689826	4.777716	4.859529	4.792532

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: CCV07 Acquired: 6/4/2025 21:41:17 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	**4.632135**	**4.644650**	**4.763715**
Stddev	.009776	.071068	.104532
%RSD	.2110387	1.530112	2.194330
#1	4.642646	4.576750	4.643112
#2	4.623315	4.638690	4.819774
#3	4.630444	4.718511	4.828259

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3037.606**	**62981.96**	**9796.147**	**2149.384**	**4061.141**
Stddev	11.202	192.12	113.441	8.840	16.652
%RSD	.3687857	.3050412	1.158015	.4112620	.4100427
#1	3027.317	62876.03	9923.108	2142.407	4045.578
#2	3049.540	63203.73	9760.589	2159.324	4078.702
#3	3035.960	62866.12	9704.745	2146.419	4059.141

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: CCB07 Acquired: 6/4/2025 21:45:27 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	**-.003399**	**-.000471**	**.0005511**	**-.000239**	**.0015570**	**.0068964**	**-.001174**
Stddev	.000817	.000649	.0017063	.002342	.0010674	.0046263	.000615
%RSD	24.04033	137.9296	309.6392	981.0312	68.55085	67.08256	52.41941
#1	-.002473	.000070	-.000812	.000057	.0003529	.0122373	-.001883
#2	-.003706	-.001191	.000001	.001942	.0023869	.0041329	-.000861
#3	-.004018	-.000292	.002465	-.002715	.0019313	.0043190	-.000778

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000056**	**.0000128**	**.0050077**	**.0007336**	**-.000029**	**.0003518**	**.0079464**
Stddev	.000065	.0000206	.0030955	.0003363	.000118	.0001403	.0045795
%RSD	117.3924	161.3313	61.81545	45.83496	411.7656	39.88607	57.63000
#1	-.000101	.0000294	.0078242	.0004665	.000041	.0004921	.0111299
#2	-.000085	.0000192	.0016935	.0011112	.000038	.0002114	.0026980
#3	.000019	-.000010	.0055053	.0006231	-.000165	.0003521	.0100114

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000121**	**.0168088**	**.0002723**	**.0001145**	**-.083443**	**.0001970**	**.0024802**
Stddev	.000215	.0207324	.0001708	.0003549	.015733	.0014146	.0003172
%RSD	177.4041	123.3427	62.72280	309.8926	18.85438	718.1711	12.78942
#1	.000092	.0098409	.0000866	-.000023	-.075364	-.001435	.0027890
#2	-.000338	.0004579	.0004226	-.000151	-.073392	.000953	.0024962
#3	-.000118	.0401276	.0003077	.000518	-.101574	.001073	.0021553

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0230044**	**.0079002**	**.0006049**	**.0006014**	**.0000195**	**.0016343**	**.0004416**
Stddev	.0186813	.0005622	.0002375	.0005271	.0002787	.0068960	.0010009
%RSD	81.20772	7.116377	39.26312	87.64089	1428.407	421.9648	226.6653
#1	.0443289	.0081055	.0007732	.0011527	-.000008	.0015024	.0014863
#2	.0151601	.0083309	.0007081	.0001025	.000311	-.005195	-.000509
#3	.0095241	.0072642	.0003332	.0005490	-.000244	.008595	.000347

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: CCB07 Acquired: 6/4/2025 21:45:27 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	.0011005	-.002777	.0001987
Stddev	.0018994	.001046	.0000440
%RSD	172.5886	37.65685	22.14713
#1	.0001978	-.002837	.0001488
#2	-.000179	-.001702	.0002320
#3	.003283	-.003791	.0002154

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3159.618	65247.09	10134.27	2252.611	4422.968
Stddev	33.801	192.19	11.38	12.385	44.923
%RSD	1.069773	.2945500	.1122582	.5497898	1.015685
#1	3197.075	65092.22	10126.99	2238.524	4474.540
#2	3150.390	65186.88	10128.44	2261.787	4402.012
#3	3131.390	65462.17	10147.38	2257.522	4392.351

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: Q2172-01LX5 Acquired: 6/4/2025 21:49:47 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	.0361010	-.007711	.0297290	-.002001	-.000443	42.57585	.1100176
Stddev	.0016929	.001849	.0012688	.003787	.001467	.04648	.0008001
%RSD	4.689227	23.98369	4.267950	189.2874	330.7925	.1091656	.7272527
#1	.0369968	-.009761	.0289619	-.004017	-.001304	42.60742	.1108933
#2	.0341484	-.006170	.0290316	-.004353	-.001277	42.52248	.1098347
#3	.0371577	-.007201	.0311936	.002368	.001250	42.59765	.1093248

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0037527	-.001022	.2042390	.0492686	.0584028	.1333059	139.5901
Stddev	.0000208	.000157	.0035382	.0001192	.0004130	.0007414	1.0049
%RSD	.5539449	15.33460	1.732386	.2420062	.7071072	.5561935	.7198609
#1	.0037632	-.001203	.2002171	.0492017	.0580894	.1325490	140.7026
#2	.0037662	-.000940	.2056277	.0494063	.0588707	.1340308	138.7484
#3	.0037288	-.000924	.2068721	.0491979	.0582481	.1333378	139.3192

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8985732	1.782660	.0423627	.0043230	.1219156	.0978095	.0694437
Stddev	.0006511	.004454	.0002866	.0003458	.0086049	.0015931	.0009741
%RSD	.0724633	.2498374	.6766185	7.999218	7.058061	1.628773	1.402782
#1	.8993059	1.777888	.0420674	.0046691	.1123069	.0974639	.0697000
#2	.8980607	1.786706	.0423808	.0043223	.1289106	.0964175	.0702641
#3	.8983530	1.783386	.0426399	.0039775	.1245291	.0995470	.0683670

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9082366	.3086760	.0001213	.0022526	.4904714	2.214801	1.810908
Stddev	.0432296	.0023020	.0003092	.0005326	.0035320	.020382	.013987
%RSD	4.759734	.7457553	254.9873	23.64598	.7201245	.9202849	.7723590
#1	.9449999	.3111676	-.000061	.0016933	.4892500	2.231542	1.794799
#2	.9190977	.3066282	.000478	.0027539	.4877123	2.192104	1.817960
#3	.8606120	.3082322	-.000053	.0023106	.4944520	2.220756	1.819965

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: Q2172-01LX5 Acquired: 6/4/2025 21:49:47 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	.3330044	.0658633	-.130285
Stddev	.0012150	.0010585	.000976
%RSD	.3648623	1.607110	.7493875
#1	.3337656	.0670836	-.131377
#2	.3316032	.0653143	-.129495
#3	.3336444	.0651922	-.129983

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3282.833	68087.86	11009.91	2364.841	4239.140
Stddev	13.081	262.57	30.06	5.669	11.610
%RSD	.3984671	.3856400	.2730054	.2397022	.2738826
#1	3292.028	67797.32	11024.45	2359.655	4248.800
#2	3288.613	68158.07	10975.34	2363.975	4242.359
#3	3267.857	68308.20	11029.93	2370.892	4226.259

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: Q2172-01MS Acquired: 6/4/2025 21:54:02 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	**.7326217**	**1.692730**	**9.372991**	**1.536764**	**.6761044**	**88.71619**	**1.038153**
Stddev	.0032959	.010119	.028578	.004075	.0023335	.23883	.004781
%RSD	.4498817	.5977639	.3048948	.2651826	.3451452	.2692033	.4605010
#1	.7292395	1.681128	9.362061	1.535939	.6745405	88.98273	1.043621
#2	.7328017	1.697336	9.351491	1.533164	.6749860	88.52163	1.036075
#3	.7358239	1.699727	9.405421	1.541188	.6787866	88.64421	1.034763

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1574404**	**.2043044**	**109.7874**	**.7216923**	**.3176991**	**1.756566**	**252.4933**
Stddev	.0000581	.0010960	.3572	.0016592	.0001973	.003054	.6790
%RSD	.0368932	.5364671	.3253859	.2299051	.0621043	.1738703	.2689026
#1	.1574529	.2038204	110.1998	.7197906	.3176043	1.755183	253.2772
#2	.1573771	.2035337	109.5912	.7224419	.3175670	1.754448	252.0878
#3	.1574913	.2055591	109.5714	.7228445	.3179259	1.760067	252.1150

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**3.911471**	**82.24169**	**.8372524**	**.0699572**	**9.062889**	**.6491509**	**3.221970**
Stddev	.016322	.31706	.0031661	.0005048	.011682	.0022415	.010623
%RSD	.4172901	.3855266	.3781505	.7215731	.1289008	.3452980	.3296951
#1	3.930096	82.60750	.8358608	.0704620	9.075041	.6479020	3.221803
#2	3.899662	82.04602	.8350204	.0694524	9.061886	.6517387	3.211432
#3	3.904654	82.07154	.8408759	.0699571	9.051741	.6478121	3.232675

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**15.09701**	**.7964936**	**.3525790**	**.9778327**	**4.027669**	**2.824814**	**12.38671**
Stddev	.02721	.0029341	.0005091	.0041626	.019755	.016953	.02776
%RSD	.1802249	.3683703	.1444012	.4256946	.4904851	.6001572	.2240916
#1	15.06888	.7998346	.3522857	.9732034	4.049906	2.843928	12.36188
#2	15.12319	.7943364	.3522844	.9790272	4.020954	2.818915	12.38158
#3	15.09897	.7953097	.3531669	.9812674	4.012147	2.811597	12.41668

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: Q2172-01MS Acquired: 6/4/2025 21:54:02 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	3.358397	.3968522	.1431337
Stddev	.007887	.0014570	.0005444
%RSD	.2348576	.3671329	.3803621
#1	3.349494	.3983034	.1437493
#2	3.361187	.3953895	.1429360
#3	3.364510	.3968638	.1427157

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3316.985	71383.29	11527.72	2392.109	3854.936
Stddev	3.703	66.55	28.83	9.464	7.672
%RSD	.1116236	.0932252	.2500707	.3956163	.1990186
#1	3314.605	71310.79	11494.89	2391.098	3858.947
#2	3321.251	71441.60	11548.87	2402.037	3859.770
#3	3315.100	71397.48	11539.41	2383.191	3846.089

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: Q2172-01MSD Acquired: 6/4/2025 21:57:58 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	**.7318937**	**1.733675**	**6.907910**	**1.579035**	**.6845704**	**88.64753**	**1.009151**
Stddev	.0085293	.014412	.031708	.005656	.0077091	.13839	.003245
%RSD	1.165370	.8312820	.4590118	.3581844	1.126121	.1561153	.3215509
#1	.7244521	1.720677	6.882269	1.583678	.6860462	88.49385	1.005489
#2	.7300274	1.731175	6.898097	1.572736	.6762301	88.68639	1.011670
#3	.7412016	1.749174	6.943365	1.580693	.6914349	88.76233	1.010293

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1669026**	**.2078055**	**122.3666**	**.6861611**	**.3012101**	**1.656079**	**225.3725**
Stddev	.0008527	.0015946	.2988	.0157761	.0012607	.004479	4.4890
%RSD	.5108989	.7673585	.2441593	2.299190	.4185629	.2704635	1.991828
#1	.1668892	.2060510	122.1323	.7011520	.3001628	1.653549	230.1295
#2	.1660567	.2081990	122.2645	.6697023	.3008581	1.653438	221.2108
#3	.1677619	.2091666	122.7031	.6876289	.3026095	1.661251	224.7771

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**3.517484**	**89.81183**	**.8186303**	**.0668136**	**8.553095**	**.6138831**	**3.151347**
Stddev	.007521	.22226	.0031355	.0015097	.196895	.0008084	.068865
%RSD	.2138177	.2474723	.3830157	2.259545	2.302028	.1316860	2.185261
#1	3.509592	89.65782	.8166340	.0683706	8.765574	.6138172	3.215565
#2	3.518292	89.71105	.8170127	.0653562	8.376805	.6131097	3.078624
#3	3.524569	90.06663	.8222442	.0667139	8.516907	.6147225	3.159852

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**14.42298**	**.7457613**	**.3763498**	**.8456052**	**3.759475**	**2.599150**	**12.48805**
Stddev	.27154	.0121843	.0009005	.0038877	.006232	.056631	.07414
%RSD	1.882715	1.633804	.2392718	.4597538	.1657741	2.178844	.5936502
#1	14.70530	.7588869	.3770626	.8418514	3.752553	2.662487	12.43943
#2	14.16368	.7348115	.3753378	.8453499	3.761233	2.553396	12.45135
#3	14.39995	.7435854	.3766490	.8496142	3.764639	2.581567	12.57338

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: Q2172-01MSD Acquired: 6/4/2025 21:57:58 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	**3.474128**	**.3830287**	**.1703701**
Stddev	.014290	.0014128	.0047081
%RSD	.4113157	.3688603	2.763427
#1	3.464625	.3845144	.1652443
#2	3.467199	.3828693	.1745017
#3	3.490561	.3817023	.1713642

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3331.222**	**72088.21**	**11041.93**	**2410.059**	**3849.809**
Stddev	11.083	1384.56	53.05	47.844	19.070
%RSD	.3326962	1.920647	.4804463	1.985176	.4953387
#1	3332.650	70742.38	11091.70	2367.482	3859.819
#2	3341.522	73508.50	11047.96	2461.834	3861.790
#3	3319.495	72013.77	10986.12	2400.860	3827.819

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: Q2172-01A Acquired: 6/4/2025 22:01:56 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	.7275771	1.623937	1.441312	1.350831	.5692356	181.7982	.6548694
Stddev	.0007289	.012063	.003786	.005163	.0040124	3.2990	.0116963
%RSD	.1001855	.7427997	.2626956	.3822315	.7048772	1.814652	1.786051
#1	.7283006	1.637493	1.441683	1.348804	.5658120	185.5953	.6681626
#2	.7275879	1.614388	1.437354	1.346989	.5682440	179.6350	.6461558
#3	.7268429	1.619930	1.444900	1.356700	.5736509	180.1644	.6502899

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1521347	.2030200	7.718209	.5088236	.4790092	.8432799	555.4123
Stddev	.0019170	.0000415	.130137	.0069015	.0013613	.0014223	7.0586
%RSD	1.260070	.0204348	1.686104	1.356363	.2841794	.1686645	1.270879
#1	.1539074	.2029728	7.858360	.5043865	.4789839	.8420374	556.3055
#2	.1501003	.2030365	7.601188	.5053095	.4776608	.8448313	547.9496
#3	.1523964	.2030507	7.695079	.5167750	.4803830	.8429711	561.9819

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.987677	13.21179	.6895279	.0652597	3.541169	.6319428	.6584437
Stddev	.073557	.22446	.0019054	.0016054	.030795	.0121749	.0068261
%RSD	1.844616	1.698954	.2763322	2.459960	.8696156	1.926589	1.036710
#1	4.071317	13.47031	.6902544	.0661980	3.535277	.6454555	.6562687
#2	3.933054	13.06639	.6873662	.0634060	3.513746	.6218274	.6529700
#3	3.958661	13.09867	.6909632	.0661750	3.574484	.6285453	.6660923

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.90374	1.380281	.3014098	.6728695	2.236791	2.870112	14.92499
Stddev	.08206	.018129	.0003836	.0013560	.042877	.021863	.04818
%RSD	.6893827	1.313422	.1272838	.2015177	1.916907	.7617608	.3228056
#1	11.92587	1.380938	.3009668	.6734819	2.285636	2.874062	14.97008
#2	11.81288	1.361833	.3016304	.6738112	2.205363	2.846543	14.87422
#3	11.97246	1.398073	.3016323	.6713153	2.219375	2.889731	14.93067

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: Q2172-01A Acquired: 6/4/2025 22:01:56 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	1.948114	.4291517	-.362845
Stddev	.004953	.0050016	.006684
%RSD	.2542660	1.165459	1.842061
#1	1.942939	.4339558	-.360211
#2	1.948590	.4239736	-.357880
#3	1.952812	.4295257	-.370445

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3741.421	79966.66	12773.70	2747.726	3882.852
Stddev	12.888	636.81	170.71	18.774	11.785
%RSD	.3444699	.7963390	1.336415	.6832676	.3035117
#1	3753.201	80188.20	12581.84	2750.133	3889.148
#2	3743.408	80463.11	12908.81	2765.181	3890.152
#3	3727.655	79248.68	12830.43	2727.865	3869.256

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: CCV08 Acquired: 6/4/2025 22:06:01 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCV08 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.619563**	**4.602427**	**4.665462**	**4.584321**	**4.661111**	**9.267982**
Stddev	.008890	.031414	.008701	.015623	.017920	.250446
%RSD	.1924407	.6825562	.1865087	.3407878	.3844573	2.702268
#1	4.612640	4.587880	4.655421	4.573677	4.655206	9.406125
#2	4.616460	4.580924	4.670150	4.577031	4.646889	8.978886
#3	4.629588	4.638478	4.670814	4.602257	4.681238	9.418934

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**9.206160**	**.2454280**	**2.327779**	**23.08037**	**.9367757**	**2.330813**
Stddev	.225884	.0059288	.003659	.60778	.0040051	.003875
%RSD	2.453623	2.415704	.1572094	2.633338	.4275440	.1662629
#1	9.332338	.2477145	2.323872	23.42533	.9393926	2.326419
#2	8.945377	.2386963	2.331126	22.37860	.9387695	2.332274
#3	9.340765	.2498730	2.328339	23.43719	.9321650	2.333745

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.172751**	F **4.426024**	**2.330930**	**23.15431**	**2.329586**	**1.172395**
Stddev	.003919	.029812	.063999	.62698	.003608	.003780
%RSD	.3341605	.6735713	2.745654	2.707847	.1548735	.3224081
#1	1.170717	4.455432	2.367349	23.50917	2.325538	1.175966
#2	1.170267	4.426817	2.257033	22.43038	2.332462	1.172783
#3	1.177268	4.395823	2.368409	23.52338	2.330758	1.168436

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F **21.95470**	**2.299104**	**2.286537**	F **21.77884**	**4.924723**	**4.704675**
Stddev	.16627	.061883	.003448	.15924	.120356	.015633
%RSD	.7573480	2.691598	.1507875	.7311515	2.443922	.3322791
#1	22.14560	2.334821	2.286348	21.96253	4.972619	4.700258
#2	21.87702	2.227648	2.290076	21.68007	4.787792	4.691725
#3	21.84148	2.334843	2.283188	21.69391	5.013758	4.722040

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: CCV08 Acquired: 6/4/2025 22:06:01 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCV08 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.628179**	**4.616416**	F **4.384070**	**4.691055**	**4.514527**	**4.654585**
Stddev	.009573	.123449	.024176	.027227	.011316	.128848
%RSD	.2068414	2.674141	.5514610	.5804024	.2506631	2.768186
#1	4.617214	4.686144	4.409186	4.673474	4.512472	4.732611
#2	4.634874	4.473880	4.360958	4.677274	4.526730	4.505865
#3	4.632448	4.689224	4.382065	4.722418	4.504379	4.725279

Elem	Sr4077
Units	ppm
Avg	**4.622463**
Stddev	.081623
%RSD	1.765781
#1	4.661884
#2	4.528613
#3	4.676893

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3068.067**	**63869.88**	**9050.184**	**2181.110**	**4117.279**
Stddev	7.616	265.10	202.059	10.892	5.659
%RSD	.2482298	.4150578	2.232648	.4993998	.1374453
#1	3069.229	63719.60	8955.061	2180.275	4123.036
#2	3075.035	63714.07	9282.249	2170.660	4117.078
#3	3059.937	64175.97	8913.243	2192.396	4111.724

Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: CCB08 Acquired: 6/4/2025 22:10:12 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	**-.000410**	**.0011302**	**-.000997**	**.0000052**	**.0012601**	**-.001586**	**-.001474**
Stddev	.002636	.0006769	.000795	.0014203	.0006695	.005290	.001130
%RSD	642.7911	59.89539	79.72751	27248.90	53.13342	333.5107	76.64870
#1	-.001157	.0004020	-.000440	-.001445	.0020322	-.007570	-.000335
#2	.002519	.0012482	-.001908	.000067	.0009076	.002468	-.002595
#3	-.002592	.0017404	-.000644	.001393	.0008404	.000343	-.001493

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000097**	**-.000136**	**.0032168**	**.0005963**	**.0000616**	**.0001666**	**.0064963**
Stddev	.000018	.000038	.0019351	.0002649	.0001768	.0004471	.0005011
%RSD	18.35763	27.87340	60.15633	44.42165	286.8684	268.4202	7.713088
#1	-.000112	-.000116	.0045451	.0003309	.0001982	-.000058	.0061076
#2	-.000077	-.000112	.0009966	.0005973	-.000138	-.000124	.0063195
#3	-.000101	-.000179	.0041087	.0008606	.000125	.000681	.0070618

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000280**	**.0209698**	**.0000310**	**.0001961**	**-.107593**	**.0013325**	**.0003079**
Stddev	.000361	.0121800	.0001872	.0000690	.010860	.0018738	.0001500
%RSD	128.9307	58.08362	603.9370	35.17173	10.09403	140.6249	48.71684
#1	-.000383	.0350326	-.000087	.0002648	-.098306	.0005050	.0003720
#2	.000121	.0137574	-.000067	.0001269	-.119535	.0000149	.0004152
#3	-.000579	.0141195	.000247	.0001965	-.104937	.0034776	.0001365

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.036223**	**.0094874**	**.0005429**	**.0004973**	**.0000694**	**.0018462**	**.0009505**
Stddev	.022883	.0006963	.0002688	.0002480	.0001260	.0077149	.0010921
%RSD	63.17103	7.338706	49.51161	49.86532	181.5058	417.8739	114.8939
#1	-.038978	.0101663	.0008532	.0002115	.0001999	.0102040	.0016295
#2	-.012088	.0095210	.0003821	.0006553	-.000052	.0003379	-.000309
#3	-.057604	.0087750	.0003934	.0006251	.000060	-.005003	.001531

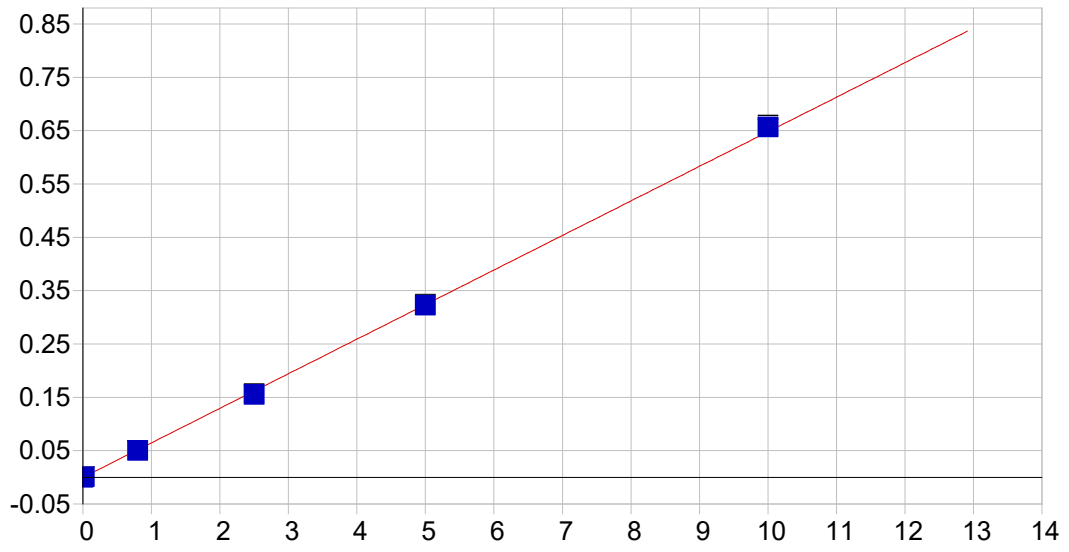
Reviewed By:jaswal
On:6/10/2025 4:55:25 PM
Inst Id :P4
LB :LB136011

Sample Name: CCB08 Acquired: 6/4/2025 22:10:12 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v85) 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	**-.001790**	**-.003872**	**.0000293**
Stddev	.000887	.000587	.0000483
%RSD	49.55066	15.15889	164.9665
#1	-.002811	-.003371	.0000121
#2	-.001348	-.004518	-.000008
#3	-.001211	-.003728	.000084

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3123.545**	**66647.68**	**9946.228**	**2257.966**	**4377.012**
Stddev	11.213	148.81	37.467	5.725	18.446
%RSD	.3589912	.2232820	.3766913	.2535454	.4214378
#1	3136.492	66541.57	9937.912	2264.454	4397.359
#2	3117.108	66817.79	9987.153	2253.622	4361.384
#3	3117.033	66583.69	9913.617	2255.823	4372.292

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035



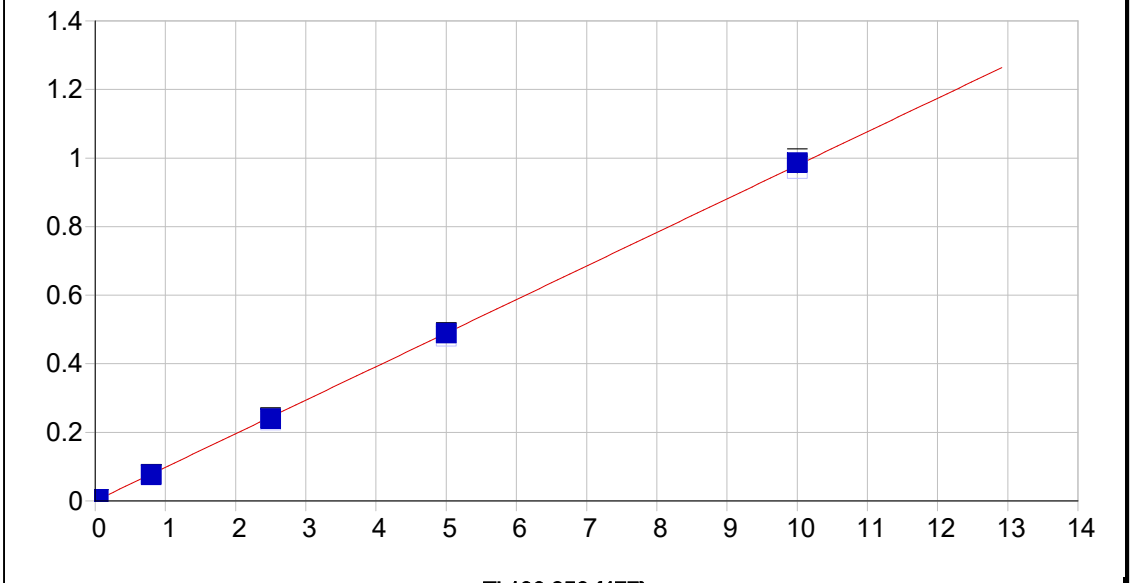
As 189.042 {479}

Date of Fit:	6/5/2025 17:40:03	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000209	Re-Slope:	1.000000
A1 (Gain):	0.064808	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999815	Status:	OK.
Std Error of Est:	0.000029		
Predicted MDL:	0.002246		
Predicted MQL:	0.007485		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00021	.000	1
S1	.02000	.02194	.002	9.68	.00121	.000	1
S3	2.5000	2.3989	-.101	-4.04	.15508	.001	1
S4	5.0000	4.9842	-.016	-.315	.32246	.002	1
S5	10.000	10.136	.136	1.36	.65601	.004	1
S2	.80000	.77854	-.021	-2.68	.05019	.000	1

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035



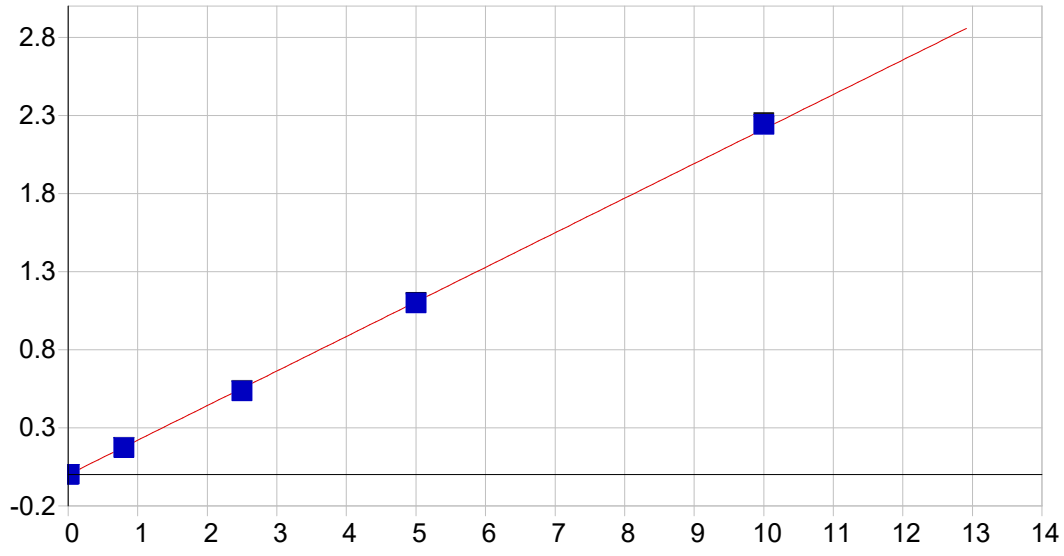
Tl 190.856 {477}

Date of Fit:	6/5/2025 17:40:03	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000166	Re-Slope:	1.000000
A1 (Gain):	0.097852	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999933	Status:	OK.
Std Error of Est:	0.000037		
Predicted MDL:	0.001538		
Predicted MQL:	0.005125		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00017	.000	1
S1	.04000	.03789	-.002	-5.29	.00362	.000	1
S3	2.5000	2.4471	-.053	-2.12	.23513	.003	1
S4	5.0000	4.9956	-.004	-.089	.48000	.002	1
S5	10.000	10.079	.079	.791	.96845	.012	1
S2	.80000	.78021	-.020	-2.47	.07507	.001	1

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035



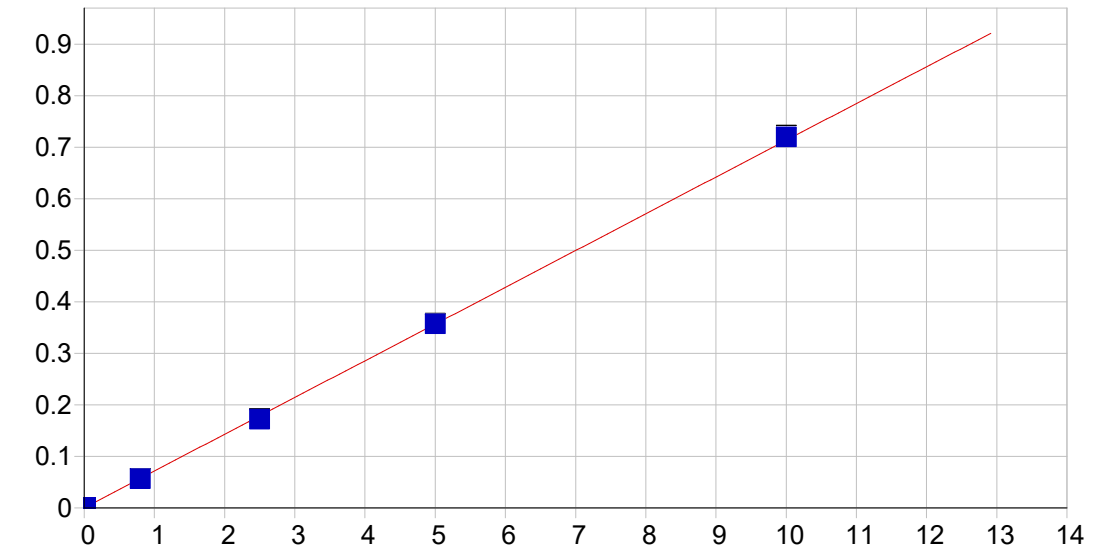
Pb 220.353 {453}

Date of Fit:	6/5/2025 17:40:03	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000209	Re-Slope:	1.000000
A1 (Gain):	0.221371	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999870	Status:	OK.
Std Error of Est:	0.000065		
Predicted MDL:	0.001504		
Predicted MQL:	0.005014		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00021	.000	1
S1	.01200	.01203	.000	.288	.00240	.000	1
S3	2.5000	2.4210	-.079	-3.16	.53517	.004	1
S4	5.0000	4.9643	-.036	-.715	1.0976	.004	1
S5	10.000	10.130	.130	1.30	2.2400	.011	1
S2	.80000	.78465	-.015	-1.92	.17331	.001	1

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035



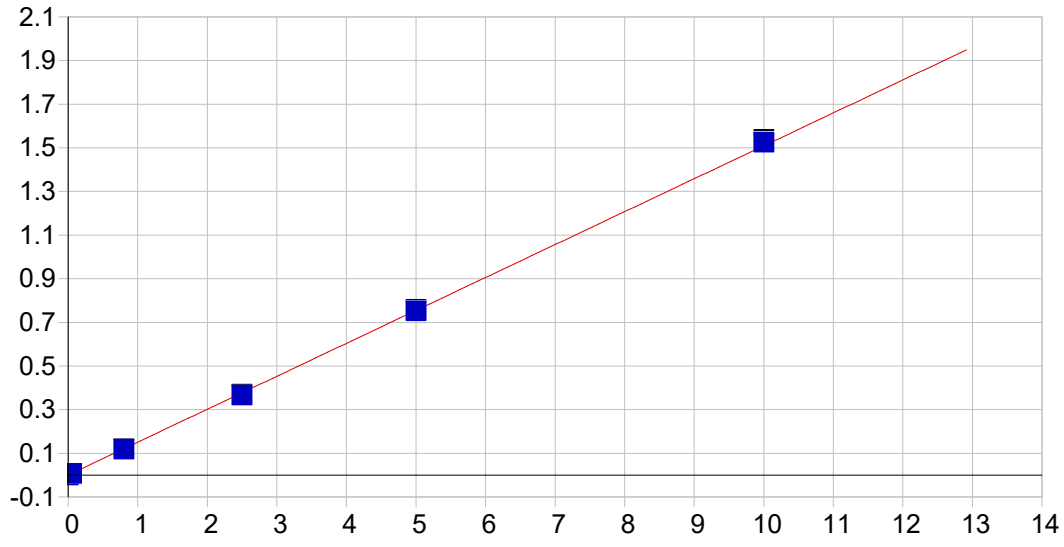
Se 196.090 {472}

Date of Fit:	6/5/2025 17:40:03	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000279	Re-Slope:	1.000000
A1 (Gain):	0.071307	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999836	Status:	OK.
Std Error of Est:	0.000030		
Predicted MDL:	0.003825		
Predicted MQL:	0.012750		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00028	.000	1
S1	.02000	.02546	.005	27.3	.00209	.000	1
S3	2.5000	2.4060	-.094	-3.76	.17178	.001	1
S4	5.0000	5.0044	.004	.088	.35699	.001	1
S5	10.000	10.094	.094	.935	.71975	.003	1
S2	.80000	.79066	-.009	-1.17	.05664	.000	1

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035



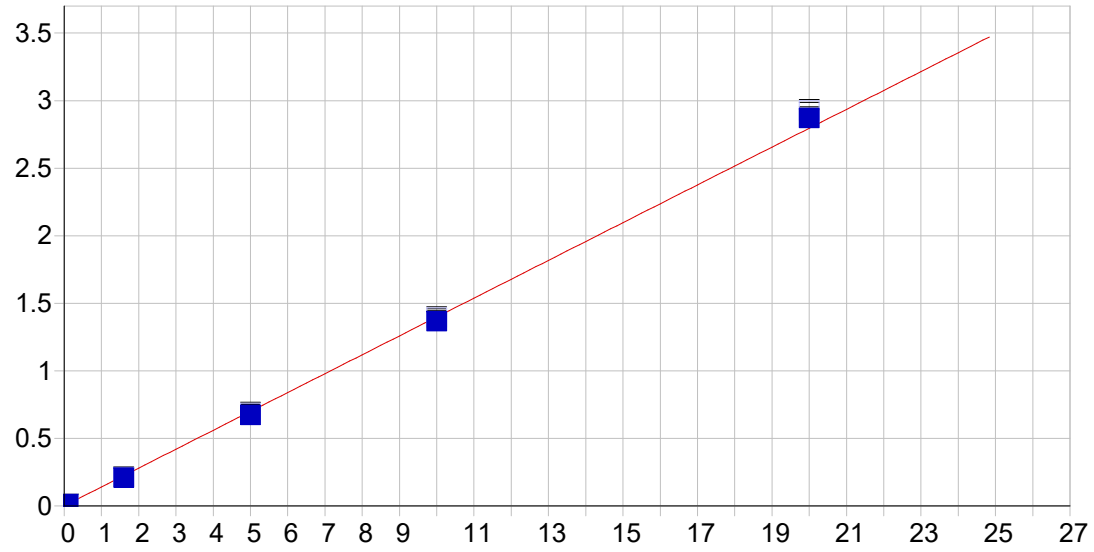
Sb 206.833 {463}

Date of Fit:	6/5/2025 17:40:03	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000061	Re-Slope:	1.000000
A1 (Gain):	0.150910	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999902	Status:	OK.
Std Error of Est:	0.000079		
Predicted MDL:	0.001771		
Predicted MQL:	0.005905		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00006	.000	1
S1	.05000	.04974	-.000	-.525	.00758	.000	1
S3	2.5000	2.4252	-.075	-2.99	.36708	.004	1
S4	5.0000	4.9875	-.013	-.250	.75478	.004	1
S5	10.000	10.103	.103	1.03	1.5288	.009	1
S2	.80000	.78478	-.015	-1.90	.11882	.000	1

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035



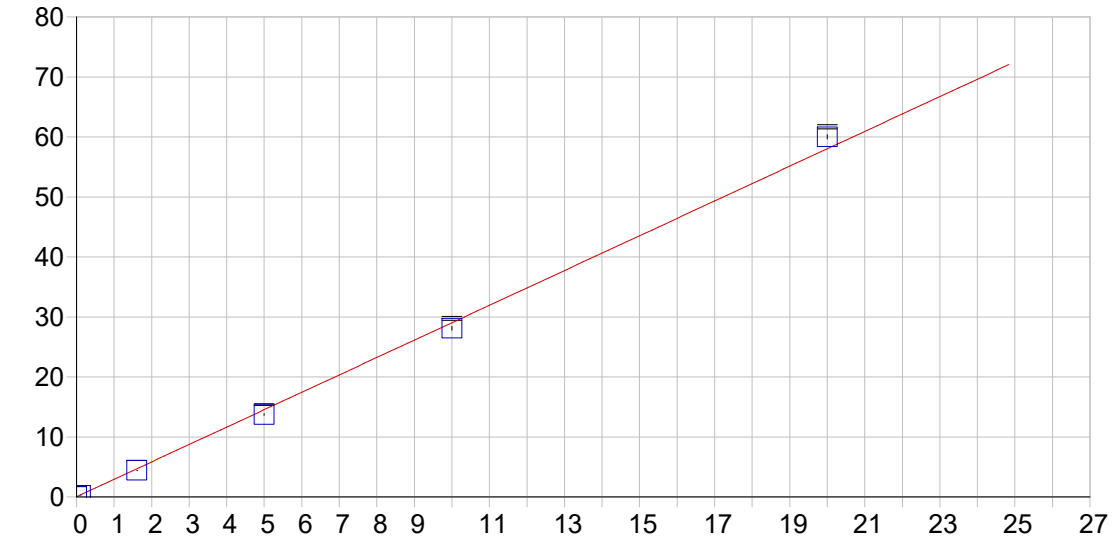
Al 396.152 { 85}

Date of Fit:	6/5/2025 17:40:03	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000450	Re-Slope:	1.000000
A1 (Gain):	0.139763	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999549	Status:	OK.
Std Error of Est:	0.000318		
Predicted MDL:	0.006405		
Predicted MQL:	0.021352		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00045	.000	1
S1	.10000	.09946	-.001	-.538	.01544	.001	1
S3	5.0000	4.8069	-.193	-3.86	.68584	.009	1
S4	10.000	9.7702	-.230	-2.30	1.3931	.006	1
S5	20.000	20.533	.533	2.67	2.9244	.011	1
S2	1.6000	1.4903	-.110	-6.85	.21308	.002	1

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035



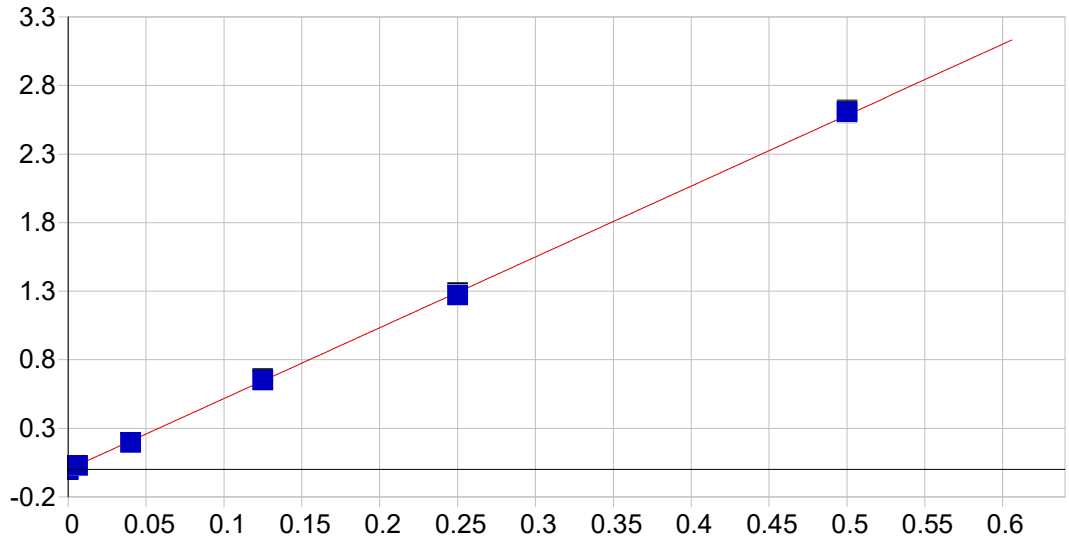
Ba 493.409 { 68}

Date of Fit:	6/5/2025 17:40:03	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.040533	Re-Slope:	1.000000
A1 (Gain):	2.899104	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999262	Status:	OK.
Std Error of Est:	0.008264		
Predicted MDL:	0.000893		
Predicted MQL:	0.002978		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.04058	.001	1
S1	.10000	.09531	-.005	-4.69	.31686	.001	1
S3	5.0000	4.7194	-.281	-5.61	13.723	.132	1
S4	10.000	9.6778	-.322	-3.22	28.098	.314	1
S5	20.000	20.689	.689	3.44	60.020	.352	1
S2	1.6000	1.5185	-.082	-5.10	4.4427	.005	1

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035



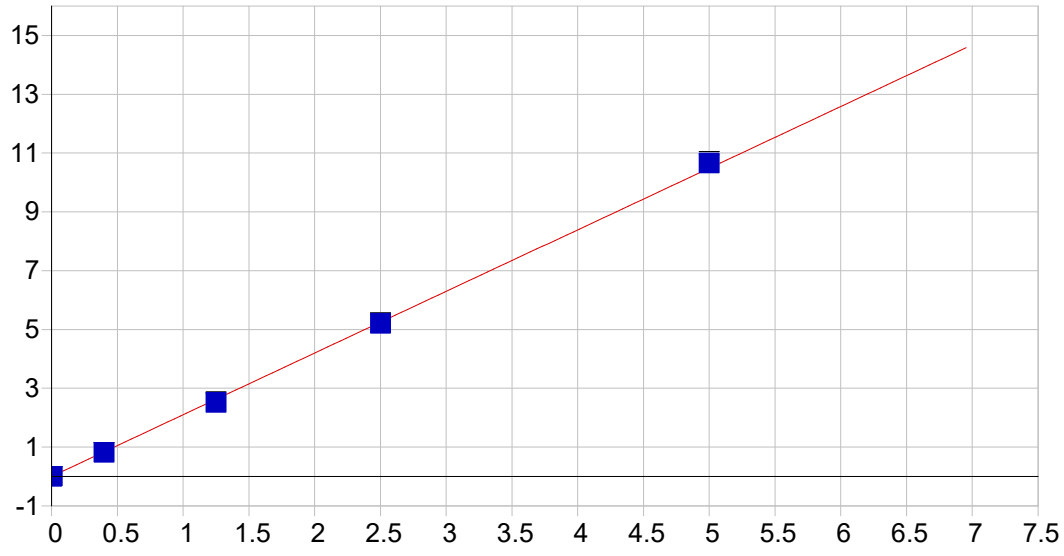
Be 234.861 {144}

Date of Fit:	6/5/2025 17:40:03	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000516	Re-Slope:	1.000000
A1 (Gain):	5.168411	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999880	Status:	OK.
Std Error of Est:	0.000229		
Predicted MDL:	0.000070		
Predicted MQL:	0.000234		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00051	.000	1
S1	.00600	.00572	-.000	-4.67	.02881	.000	1
S3	.12500	.12635	.001	1.08	.64961	.009	1
S4	.25000	.24648	-.004	-1.41	1.2676	.016	1
S5	.50000	.50447	.004	.894	2.5952	.015	1
S2	.04000	.03799	-.002	-5.04	.19488	.001	1

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035



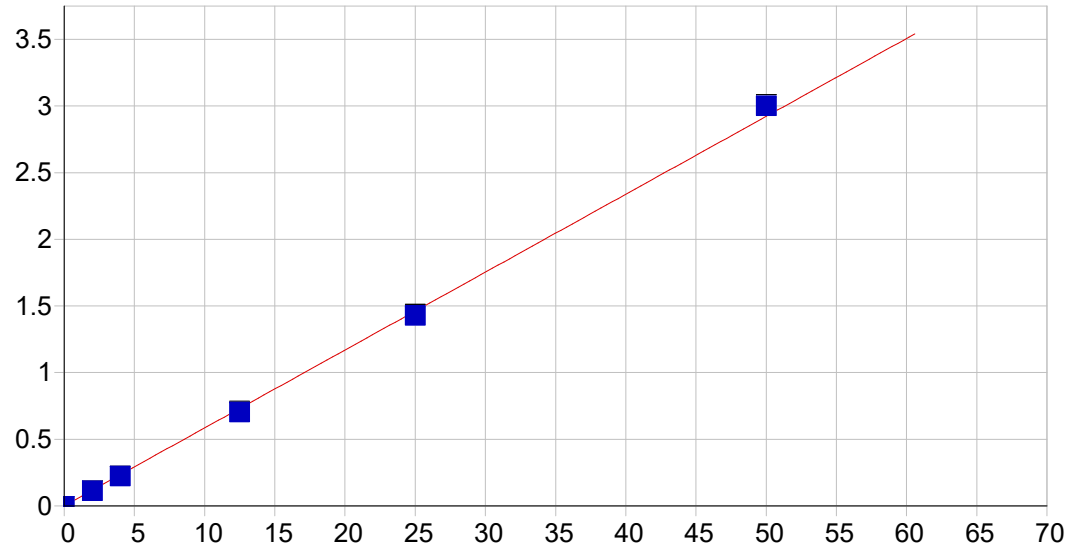
Cd 226.502 {449}

Date of Fit:	6/5/2025 17:40:03	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000021	Re-Slope:	1.000000
A1 (Gain):	2.097848	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999797	Status:	OK.
Std Error of Est:	0.000384		
Predicted MDL:	0.000101		
Predicted MQL:	0.000336		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00002	.000	1
S1	.00600	.00594	-.000	-.963	.01254	.000	1
S3	1.2500	1.1992	-.051	-4.07	2.5178	.017	1
S4	2.5000	2.4830	-.017	-.680	5.2131	.019	1
S5	5.0000	5.0789	.079	1.58	10.663	.051	1
S2	.40000	.38897	-.011	-2.76	.81666	.002	1

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035



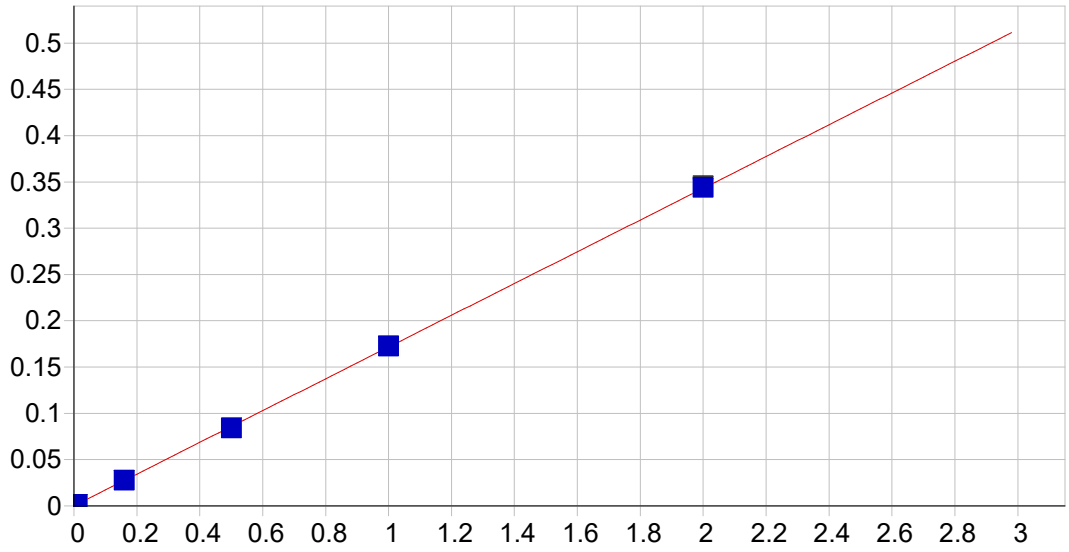
Ca 373.690 { 90}

Date of Fit:	6/5/2025 17:40:03	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000829	Re-Slope:	1.000000
A1 (Gain):	0.058432	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999566	Status:	OK.
Std Error of Est:	0.000911		
Predicted MDL:	0.010303		
Predicted MQL:	0.034342		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00026	.000	.000	.00084	.000	1
S2	4.0000	3.7938	-.206	-5.16	.22251	.001	1
S3	12.500	12.027	-.473	-3.79	.70358	.008	1
S4	25.000	24.430	-.570	-2.28	1.4283	.011	1
S5	50.000	51.337	1.34	2.67	3.0005	.011	1
S1	2.0000	1.9125	-.087	-4.37	.11258	.001	1

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035



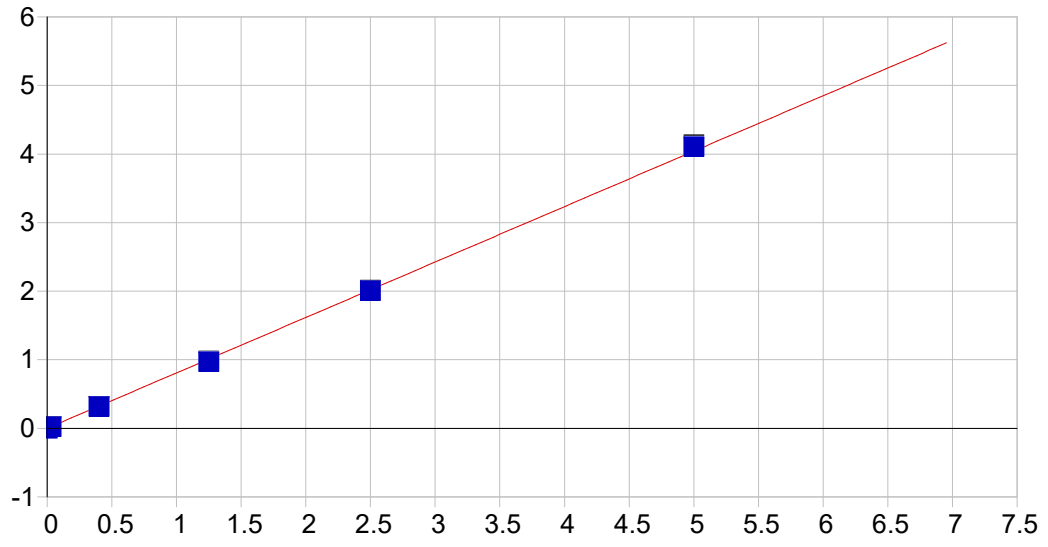
Cr 267.716 {126}

Date of Fit:	6/5/2025 17:40:03	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000077	Re-Slope:	1.000000
A1 (Gain):	0.171545	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999966	Status:	OK.
Std Error of Est:	0.000010		
Predicted MDL:	0.000441		
Predicted MQL:	0.001471		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00008	.000	1
S1	.01000	.01047	.000	4.70	.00188	.000	1
S3	.50000	.49012	-.010	-1.98	.08422	.000	1
S4	1.0000	1.0044	.004	.440	.17251	.000	1
S5	2.0000	2.0047	.005	.234	.34424	.001	1
S2	.16000	.16033	.000	.207	.02760	.000	1

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035



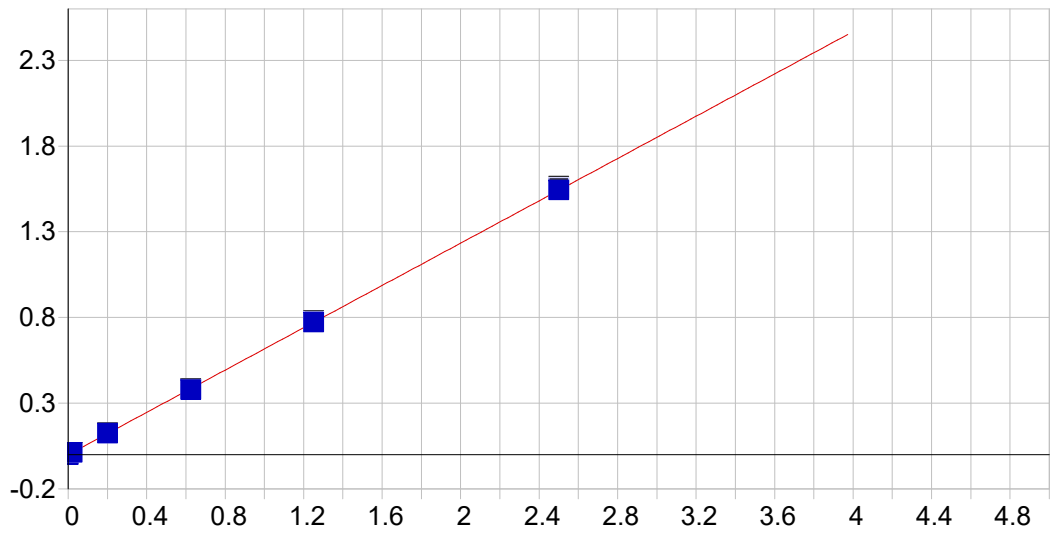
Co 228.616 {448}

Date of Fit:	6/5/2025 17:40:03	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000033	Re-Slope:	1.000000
A1 (Gain):	0.808395	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999799	Status:	OK.
Std Error of Est:	0.000330		
Predicted MDL:	0.000286		
Predicted MQL:	0.000954		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00003	.000	1
S1	.03000	.02945	-.001	-1.83	.02367	.000	1
S3	1.2500	1.2012	-.049	-3.90	.97272	.007	1
S4	2.5000	2.4790	-.021	-.840	2.0074	.007	1
S5	5.0000	5.0811	.081	1.62	4.1144	.020	1
S2	.40000	.38923	-.011	-2.69	.31517	.000	1

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035



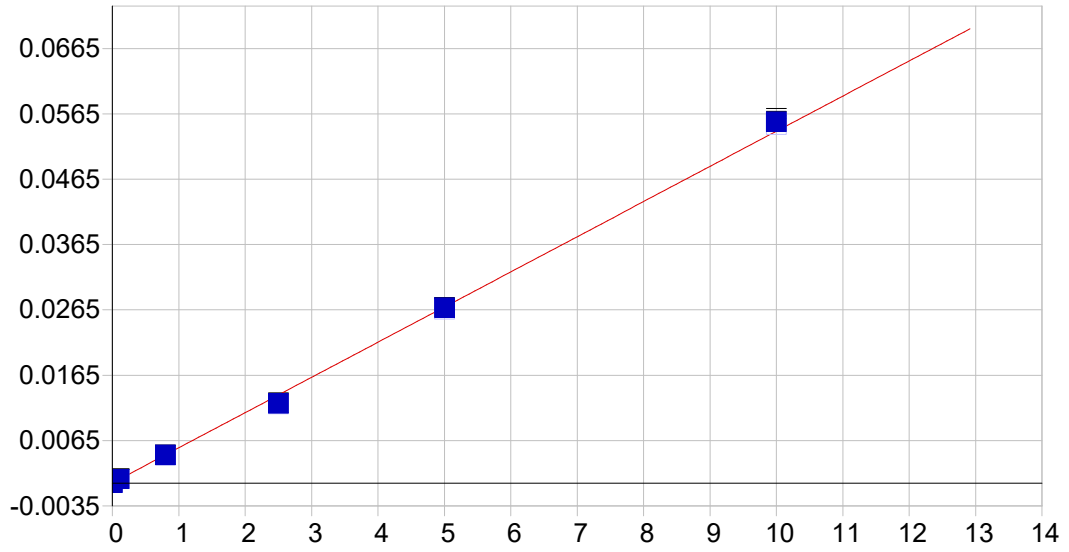
Cu 224.700 {450}

Date of Fit:	6/5/2025 17:40:03	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000388	Re-Slope:	1.000000
A1 (Gain):	0.617000	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999959	Status:	OK.
Std Error of Est:	0.000066		
Predicted MDL:	0.000459		
Predicted MQL:	0.001531		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00039	.000	1
S1	.02000	.02196	.002	9.79	.01330	.000	1
S3	.62500	.61522	-.010	-1.56	.38248	.003	1
S4	1.2500	1.2526	.003	.207	.77901	.004	1
S5	2.5000	2.5028	.003	.110	1.5569	.009	1
S2	.20000	.20247	.002	1.24	.12558	.000	1

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035



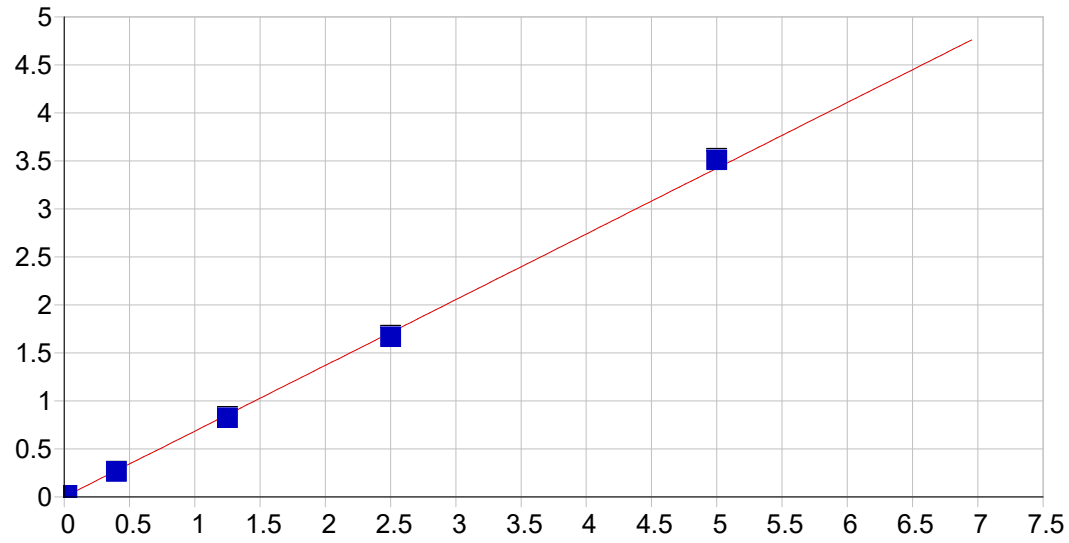
Fe 240.488 {140}

Date of Fit:	6/5/2025 17:40:03	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000019	Re-Slope:	1.000000
A1 (Gain):	0.005383	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999127	Status:	OK.
Std Error of Est:	0.000012		
Predicted MDL:	0.004939		
Predicted MQL:	0.016463		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00002	.000	1
S1	.10000	.10941	.009	9.41	.00060	.000	1
S3	2.5000	2.2586	-.241	-9.66	.01206	.000	1
S4	5.0000	4.9756	-.024	-.488	.02657	.000	1
S5	10.000	10.267	.267	2.67	.05483	.001	1
S2	.80000	.78897	-.011	-1.38	.00423	.000	1

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035



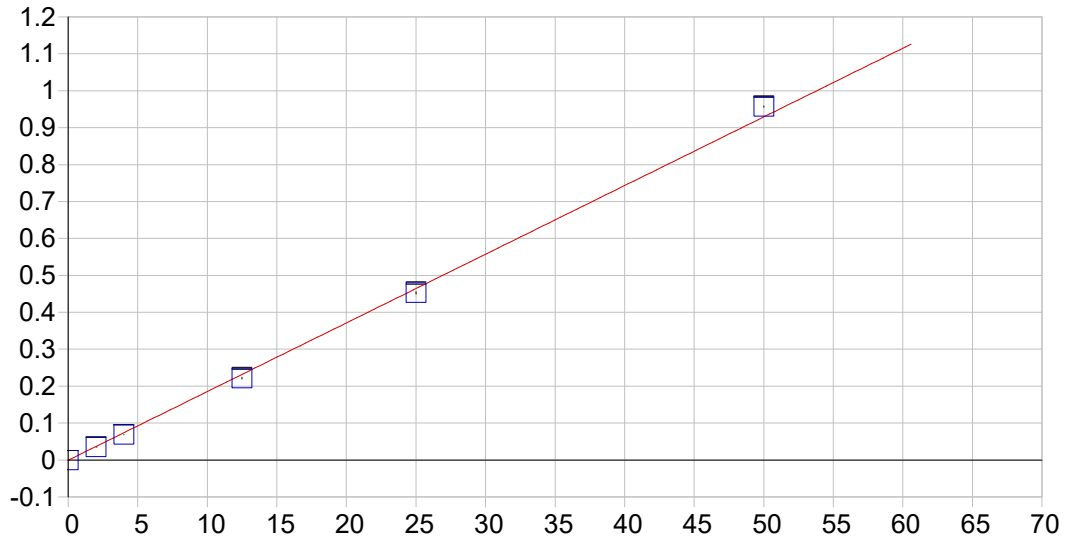
Mn 257.610 {131}

Date of Fit:	6/5/2025 17:40:03	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000239	Re-Slope:	1.000000
A1 (Gain):	0.684685	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999623	Status:	OK.
Std Error of Est:	0.000312		
Predicted MDL:	0.000346		
Predicted MQL:	0.001154		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00024	.000	1
S1	.02000	.02019	.000	.934	.01407	.000	1
S3	1.2500	1.2039	-.046	-3.69	.82472	.011	1
S4	2.5000	2.4357	-.064	-2.57	1.6683	.014	1
S5	5.0000	5.1242	.124	2.48	3.5094	.018	1
S2	.40000	.38596	-.014	-3.51	.26455	.001	1

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035



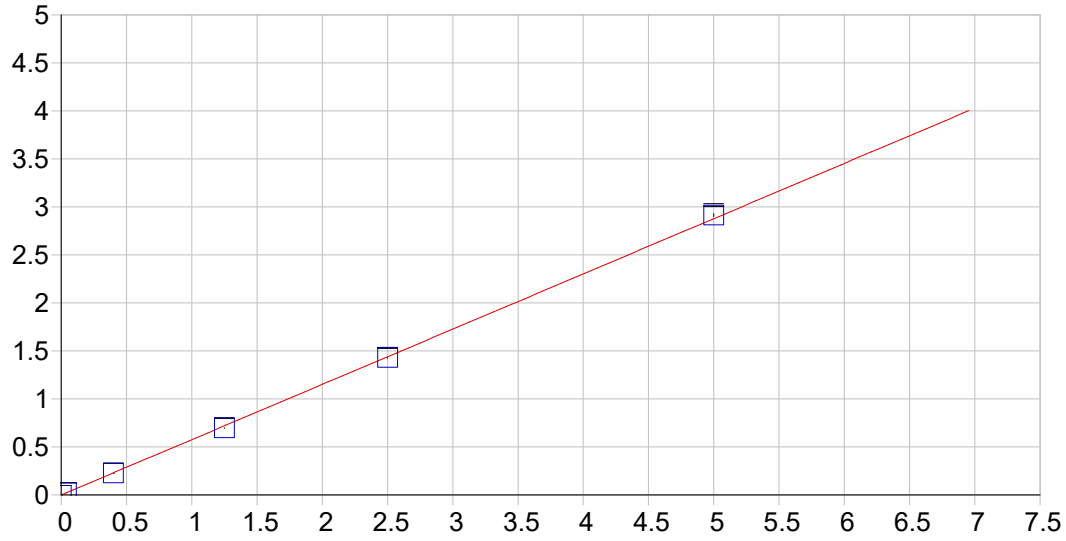
Mg 279.079 {121}

Date of Fit:	6/5/2025 17:40:03	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000632	Re-Slope:	1.000000
A1 (Gain):	0.018596	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999438	Status:	OK.
Std Error of Est:	0.000330		
Predicted MDL:	0.016901		
Predicted MQL:	0.056335		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00027	.000	.000	-.00063	.000	1
S2	4.0000	3.7378	-.262	-6.56	.06888	.000	1
S3	12.500	11.942	-.558	-4.46	.22145	.002	1
S4	25.000	24.370	-.630	-2.52	.45256	.003	1
S5	50.000	51.508	1.51	3.02	.95721	.002	1
S1	2.0000	1.9413	-.059	-2.94	.03547	.000	1

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035



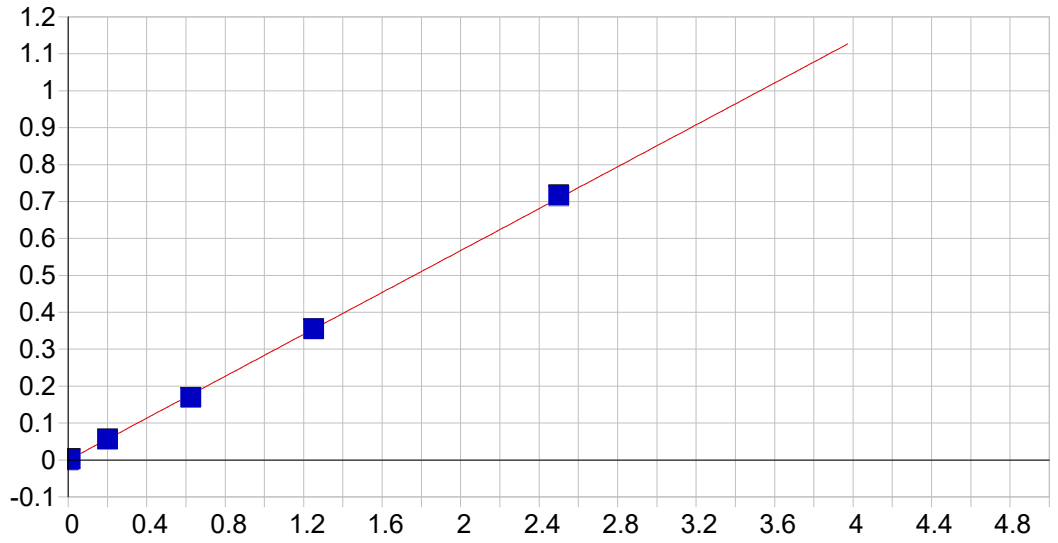
Ni 231.604 {446}

Date of Fit:	6/5/2025 17:40:03	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000098	Re-Slope:	1.000000
A1 (Gain):	0.575555	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999872	Status:	OK.
Std Error of Est:	0.000216		
Predicted MDL:	0.000365		
Predicted MQL:	0.001215		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00010	.000	1
S1	.04000	.03952	-.000	-1.21	.02284	.000	1
S3	1.2500	1.2095	-.040	-3.24	.69623	.005	1
S4	2.5000	2.4829	-.017	-.683	1.4292	.004	1
S5	5.0000	5.0641	.064	1.28	2.9148	.015	1
S2	.40000	.39394	-.006	-1.52	.22683	.000	1

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035



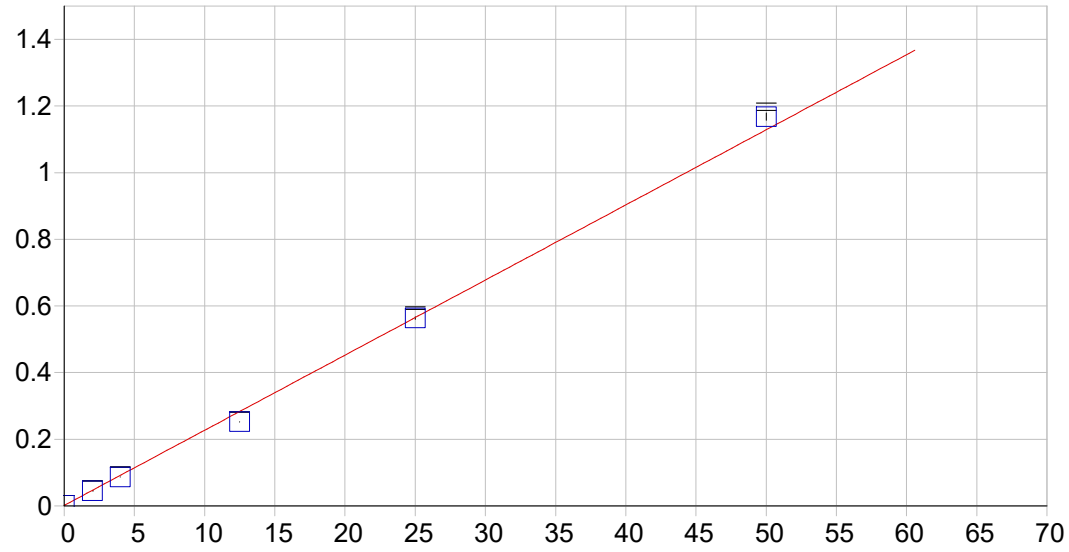
Ag 328.068 {103}

Date of Fit:	6/5/2025 17:40:03	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000188	Re-Slope:	1.000000
A1 (Gain):	0.283692	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999847	Status:	OK.
Std Error of Est:	0.000041		
Predicted MDL:	0.000437		
Predicted MQL:	0.001456		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00019	.000	1
S1	.01000	.01002	.000	.187	.00263	.000	1
S3	.62500	.59861	-.026	-4.22	.16884	.000	1
S4	1.2500	1.2516	.002	.125	.35329	.000	1
S5	2.5000	2.5258	.026	1.03	.71320	.002	1
S2	.20000	.19901	-.001	-.493	.05602	.000	1

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035



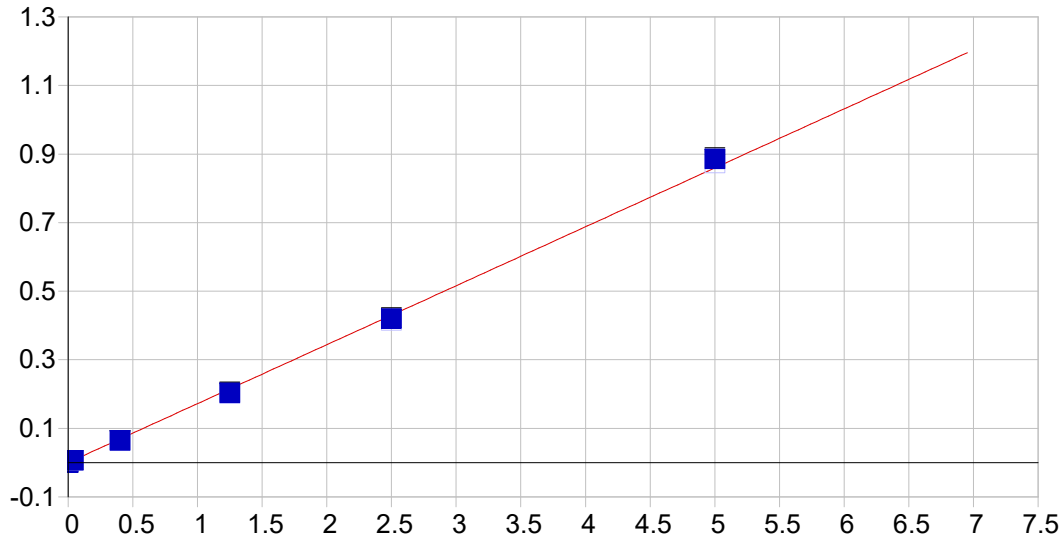
Na 589.592 { 57}

Date of Fit:	6/5/2025 17:40:03	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.001633	Re-Slope:	1.000000
A1 (Gain):	0.022540	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998783	Status:	OK.
Std Error of Est:	0.000589		
Predicted MDL:	0.010276		
Predicted MQL:	0.034252		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00033	.000	.000	.00164	.000	1
S2	4.0000	3.7804	-.220	-5.49	.08684	.000	1
S3	12.500	11.116	-1.38	-11.1	.25219	.000	1
S4	25.000	24.926	-.074	-.296	.56347	.004	1
S5	50.000	51.739	1.74	3.48	1.1678	.011	1
S1	2.0000	1.9382	-.062	-3.09	.04532	.000	1

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035



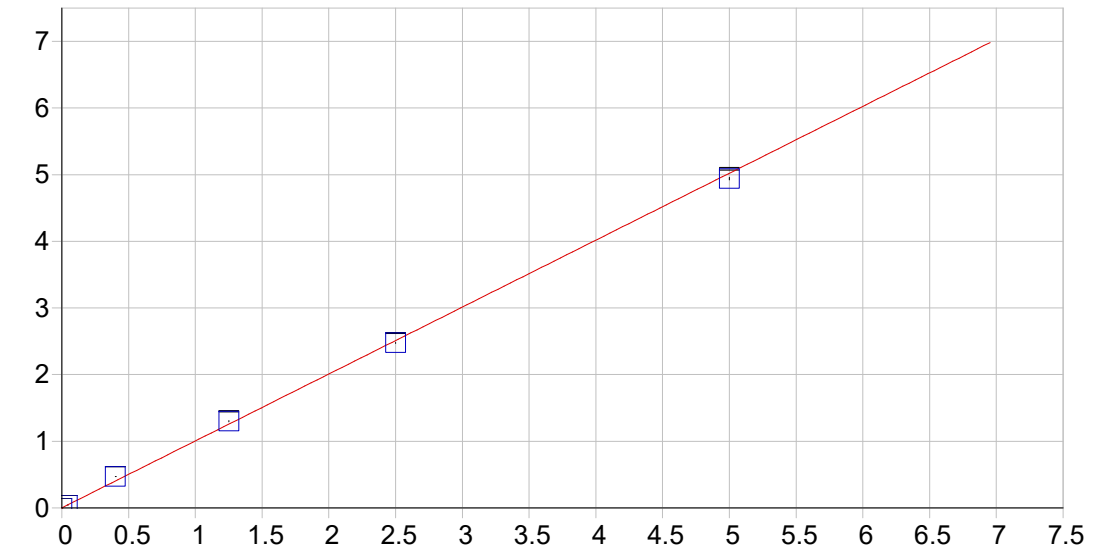
V 292.402 {115}

Date of Fit:	6/5/2025 17:40:03	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000125	Re-Slope:	1.000000
A1 (Gain):	0.171923	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999358	Status:	OK.
Std Error of Est:	0.000143		
Predicted MDL:	0.002000		
Predicted MQL:	0.006668		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00013	.000	1
S1	.04000	.03662	-.003	-8.45	.00616	.000	1
S3	1.2500	1.1841	-.066	-5.27	.20057	.003	1
S4	2.5000	2.4433	-.057	-2.27	.41391	.002	1
S5	5.0000	5.1525	.152	3.05	.87342	.003	1
S2	.40000	.37338	-.027	-6.65	.06332	.000	1

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035



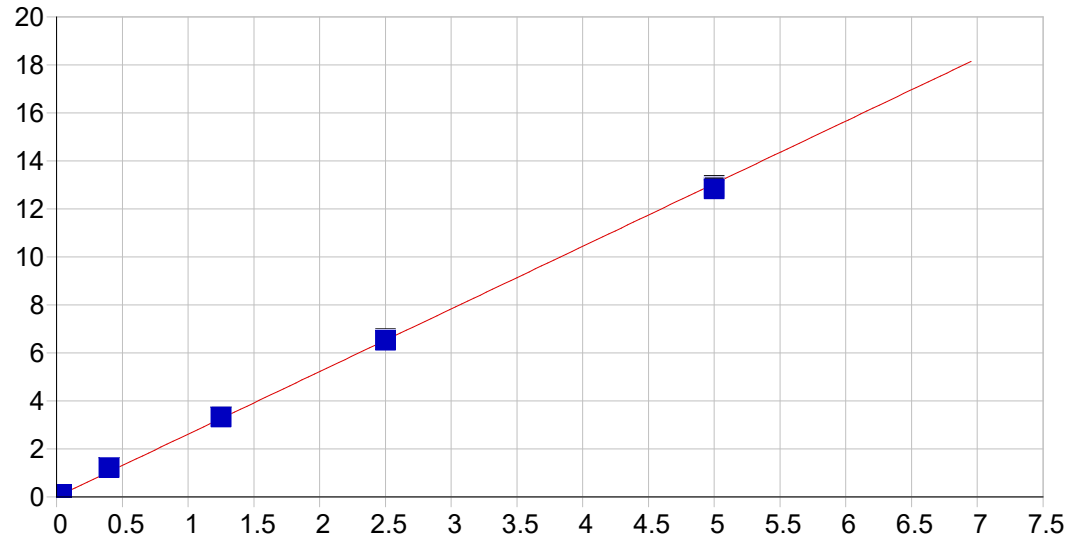
Zn 206.200 {464}

Date of Fit:	6/5/2025 17:40:03	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000941	Re-Slope:	1.000000
A1 (Gain):	1.004106	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999169	Status:	OK.
Std Error of Est:	0.000961		
Predicted MDL:	0.000190		
Predicted MQL:	0.000634		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00093	.000	1
S1	.04000	.04205	.002	5.12	.04316	.000	1
S3	1.2500	1.2938	.044	3.50	1.3000	.009	1
S4	2.5000	2.4647	-.035	-1.41	2.4758	.008	1
S5	5.0000	4.9205	-.079	-1.59	4.9417	.018	1
S2	.40000	.46895	.069	17.2	.47182	.000	1

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035



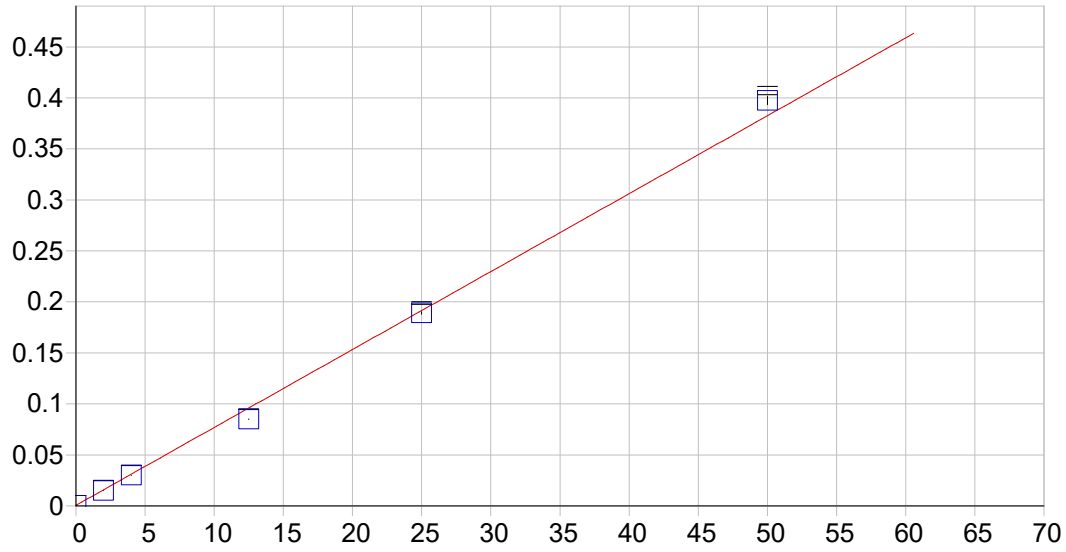
Zn 213.856 {158}

Date of Fit:	6/5/2025 17:40:03	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.003371	Re-Slope:	1.000000
A1 (Gain):	2.609318	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999318	Status:	OK.
Std Error of Est:	0.002278		
Predicted MDL:	0.000292		
Predicted MQL:	0.000972		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00335	.000	1
S1	.04000	.04189	.002	4.73	.11341	.000	1
S3	1.2500	1.2701	.020	1.60	3.3400	.006	1
S4	2.5000	2.4951	-.005	-.197	6.5592	.022	1
S5	5.0000	4.9169	-.083	-1.66	12.924	.052	1
S2	.40000	.46608	.066	16.5	1.2268	.006	1

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035



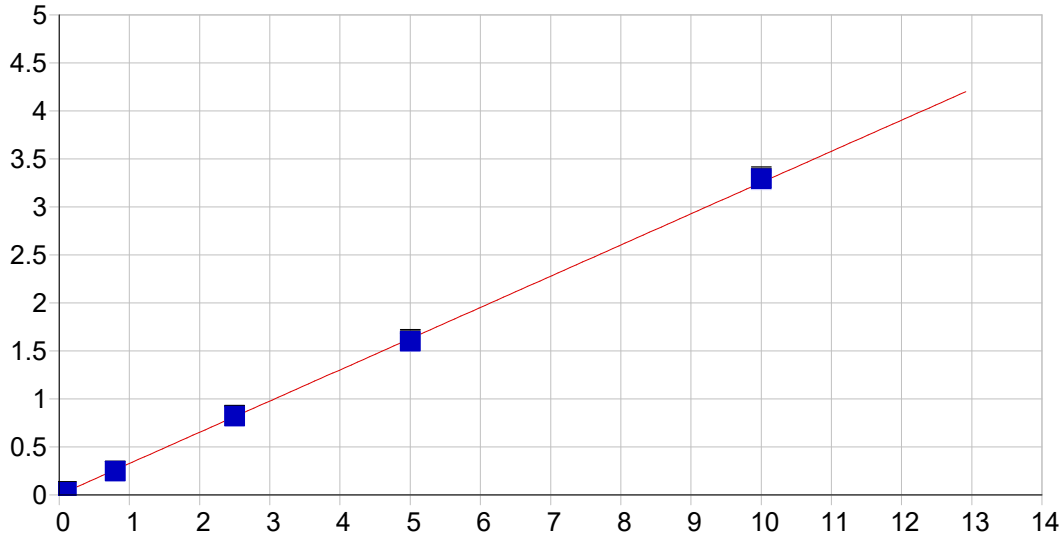
K 766.490 { 44}

Date of Fit:	6/5/2025 17:40:03	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000532	Re-Slope:	1.000000
A1 (Gain):	0.007639	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998631	Status:	OK.
Std Error of Est:	0.000212		
Predicted MDL:	0.037514		
Predicted MQL:	0.125048		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00033	.000	.000	.00053	.000	1
S2	4.0000	3.8656	-.134	-3.36	.03006	.000	1
S3	12.500	11.052	-1.45	-11.6	.08495	.000	1
S4	25.000	24.705	-.295	-1.18	.18925	.001	1
S5	50.000	51.962	1.96	3.92	.39746	.004	1
S1	2.0000	1.9157	-.084	-4.22	.01517	.000	1

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035



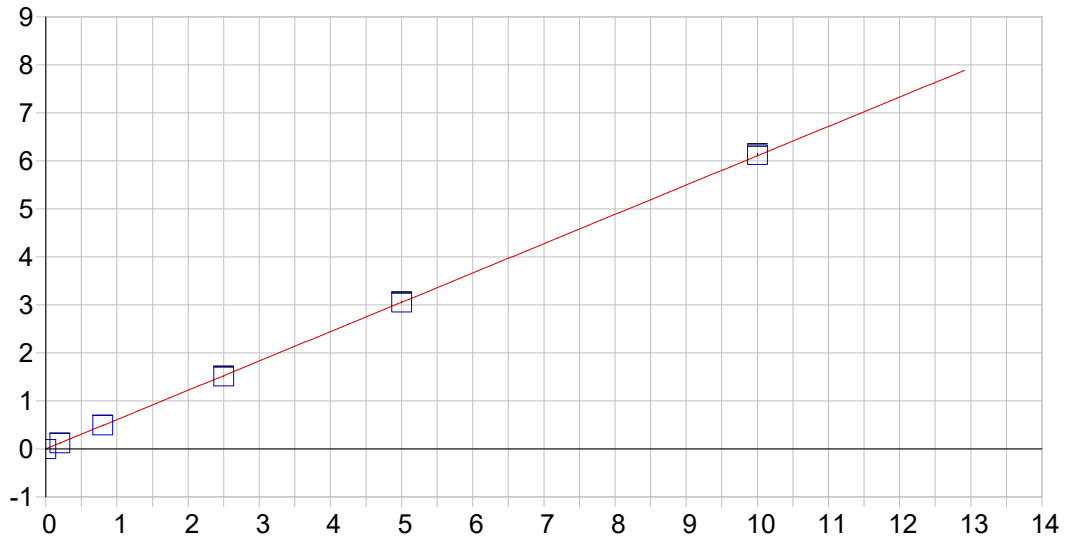
B 249.678 {135}

Date of Fit:	6/5/2025 17:40:03	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.002072	Re-Slope:	1.000000
A1 (Gain):	0.325119	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999814	Status:	OK.
Std Error of Est:	0.000328		
Predicted MDL:	0.001077		
Predicted MQL:	0.003590		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00208	.000	1
S1	.10000	.09070	-.009	-9.30	.03137	.000	1
S3	2.5000	2.5171	.017	.682	.81749	.008	1
S4	5.0000	4.9191	-.081	-1.62	1.5955	.019	1
S5	10.000	10.122	.122	1.22	3.2813	.020	1
S2	.80000	.75082	-.049	-6.15	.24524	.001	1

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035



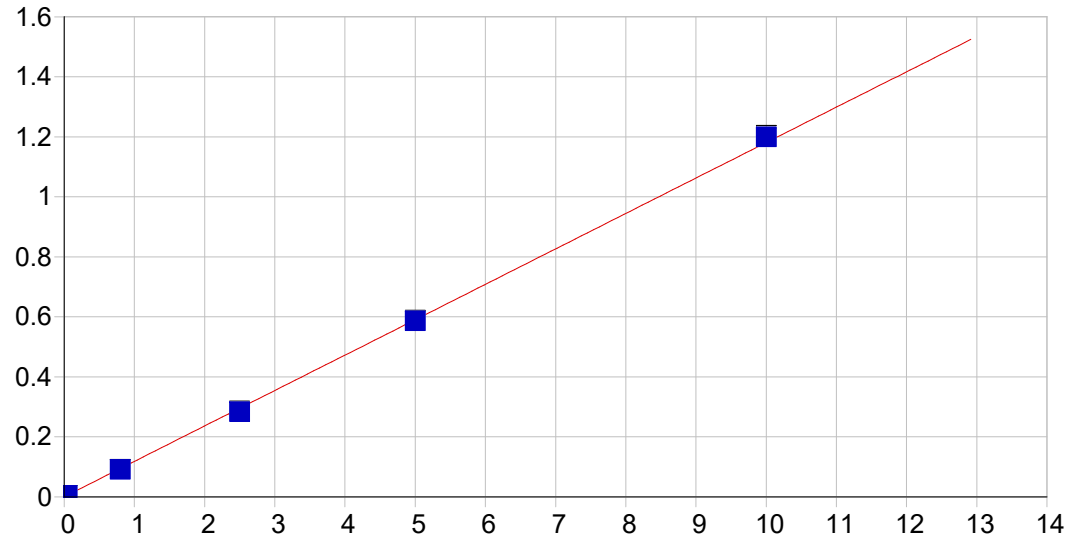
Mo 202.030 {467}

Date of Fit:	6/5/2025 17:40:03	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000014	Re-Slope:	1.000000
A1 (Gain):	0.610818	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999984	Status:	OK.
Std Error of Est:	0.000255		
Predicted MDL:	0.000307		
Predicted MQL:	0.001025		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00001	.000	1
S1	.20000	.19452	-.005	-2.74	.11881	.001	1
S3	2.5000	2.4722	-.028	-1.11	1.5100	.013	1
S4	5.0000	4.9983	-.002	-.033	3.0531	.012	1
S5	10.000	10.030	.030	.299	6.1265	.026	1
S2	.80000	.80500	.005	.625	.49169	.001	1

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035



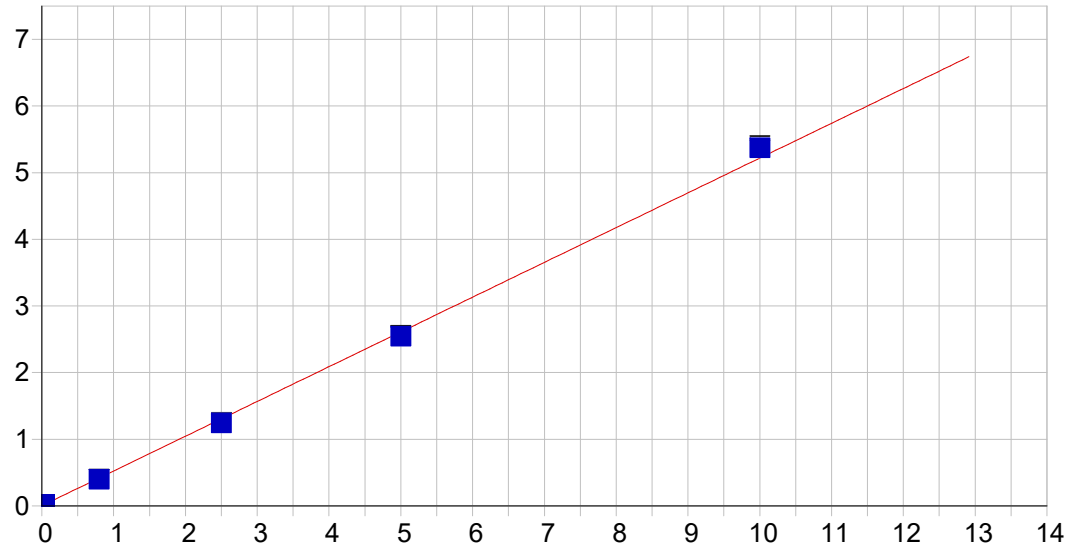
Sn 189.989 {478}

Date of Fit:	6/5/2025 17:40:03	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000408	Re-Slope:	1.000000
A1 (Gain):	0.118047	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999777	Status:	OK.
Std Error of Est:	0.000083		
Predicted MDL:	0.000851		
Predicted MQL:	0.002838		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00041	.000	1
S1	.04000	.03813	-.002	-4.67	.00491	.000	1
S3	2.5000	2.3997	-.100	-4.01	.28338	.002	1
S4	5.0000	4.9682	-.032	-.636	.58629	.002	1
S5	10.000	10.164	.164	1.64	1.1991	.005	1
S2	.80000	.76961	-.030	-3.80	.09116	.000	1

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035



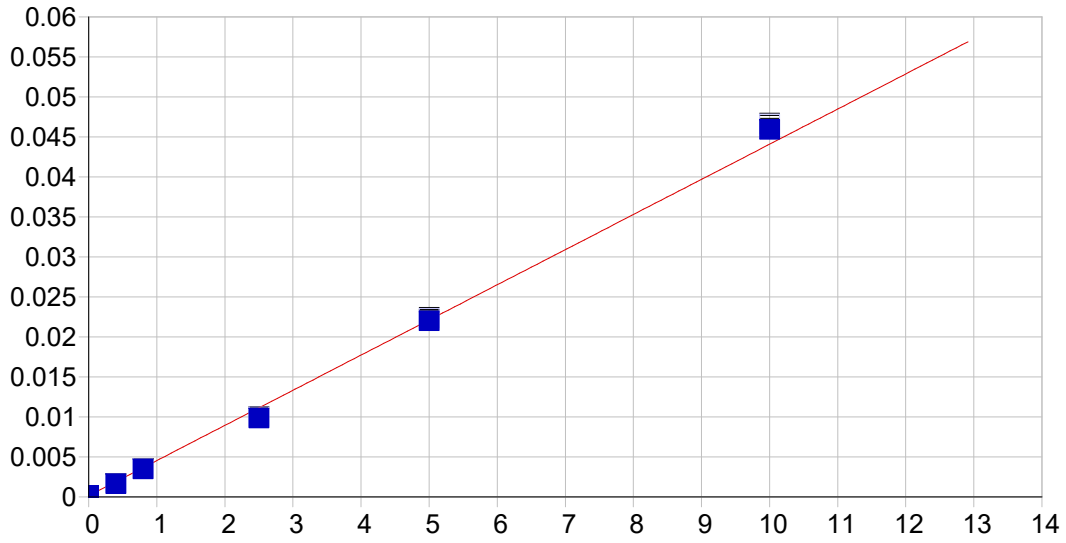
Ti 336.121 {100}

Date of Fit:	6/5/2025 17:40:03	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.002230	Re-Slope:	1.000000
A1 (Gain):	0.521690	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999459	Status:	OK.
Std Error of Est:	0.000569		
Predicted MDL:	0.000761		
Predicted MQL:	0.002537		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00223	.000	1
S1	.04000	.03697	-.003	-7.57	.02150	.000	1
S3	2.5000	2.3779	-.122	-4.88	1.2423	.012	1
S4	5.0000	4.8724	-.128	-2.55	2.5431	.014	1
S5	10.000	10.292	.292	2.92	5.3694	.031	1
S2	.80000	.76113	-.039	-4.86	.39915	.001	1

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035



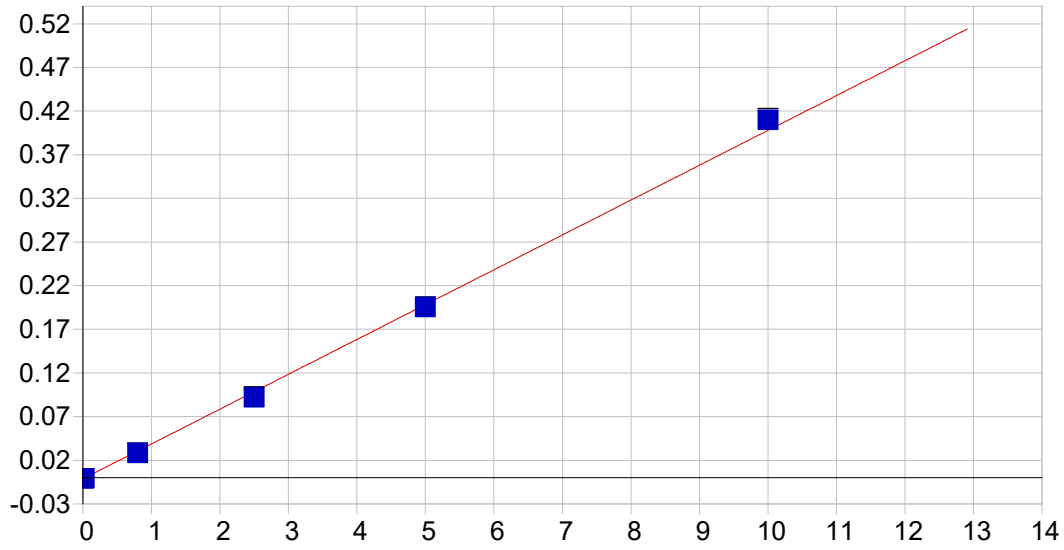
Si 288.158 {117}

Date of Fit:	6/5/2025 17:40:03	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000148	Re-Slope:	1.000000
A1 (Gain):	0.004394	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998348	Status:	OK.
Std Error of Est:	0.000027		
Predicted MDL:	0.010091		
Predicted MQL:	0.033638		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00011	.000	.000	.00015	.000	1
S1	.40000	.33833	-.062	-15.4	.00164	.000	1
S3	2.5000	2.2079	-.292	-11.7	.01001	.000	1
S4	5.0000	4.9748	-.025	-.504	.02234	.000	1
S5	10.000	10.421	.421	4.21	.04660	.000	1
S2	.80000	.75746	-.043	-5.32	.00353	.000	1

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035



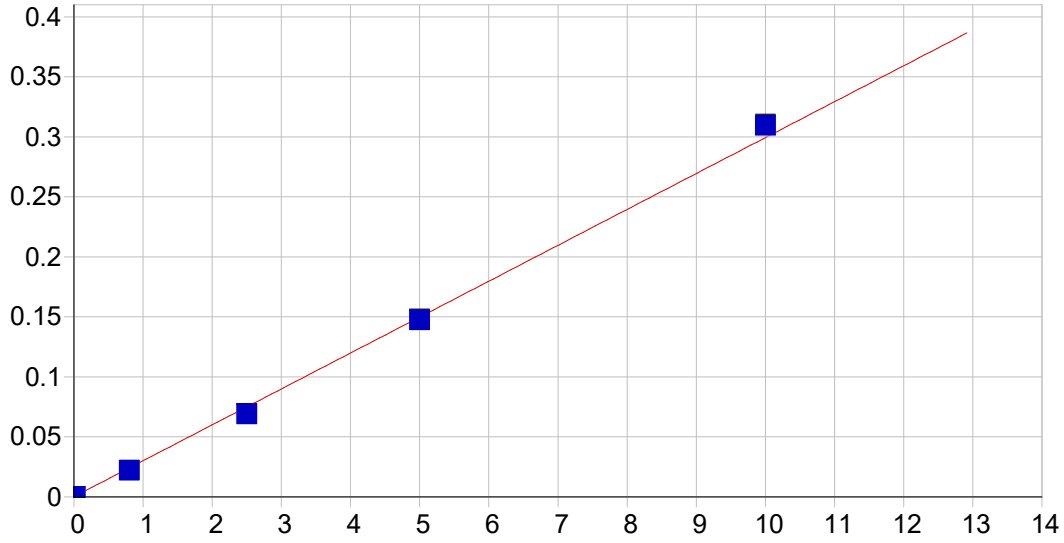
P 177.495 {490}

Date of Fit:	6/5/2025 17:40:03	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.001264	Re-Slope:	1.000000
A1 (Gain):	0.039911	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999303	Status:	OK.
Std Error of Est:	0.000035		
Predicted MDL:	0.002740		
Predicted MQL:	0.009133		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00126	.000	1
S1	.02000	.01869	-.001	-6.54	-.00052	.000	1
S3	2.5000	2.3344	-.166	-6.62	.09189	.001	1
S4	5.0000	4.9258	-.074	-1.48	.19530	.001	1
S5	10.000	10.300	.300	3.00	.40977	.002	1
S2	.80000	.74083	-.059	-7.40	.02830	.000	1

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035



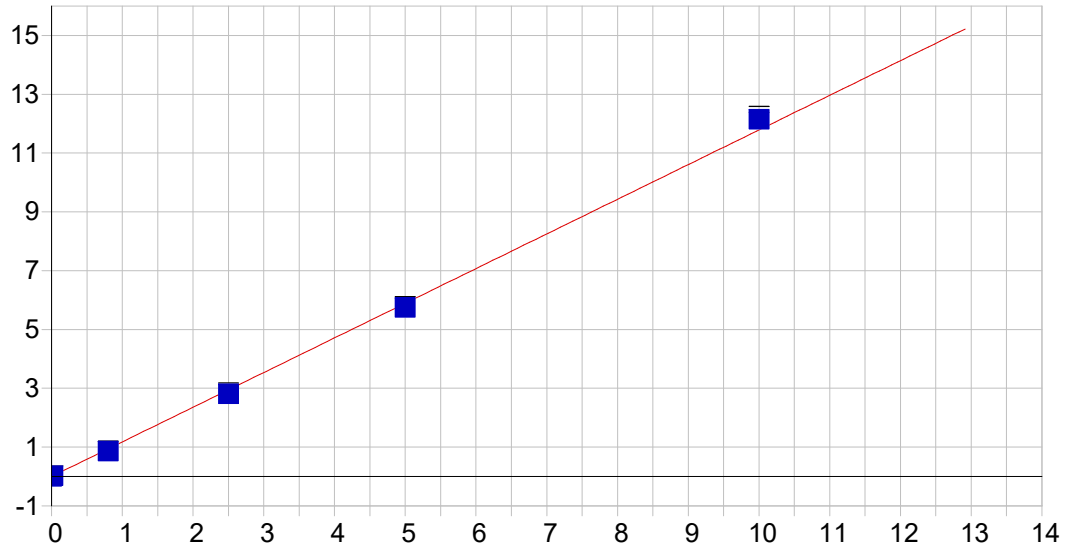
S 182.034 {485}

Date of Fit:	6/5/2025 17:40:03	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000232	Re-Slope:	1.000000
A1 (Gain):	0.029908	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999059	Status:	OK.
Std Error of Est:	0.000030		
Predicted MDL:	0.003292		
Predicted MQL:	0.010972		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00023	.000	1
S1	.02000	.01812	-.002	-9.41	.00075	.000	1
S3	2.5000	2.3020	-.198	-7.92	.06889	.000	1
S4	5.0000	4.9242	-.076	-1.52	.14712	.001	1
S5	10.000	10.342	.342	3.42	.30877	.001	1
S2	.80000	.73309	-.067	-8.36	.02210	.000	1

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035



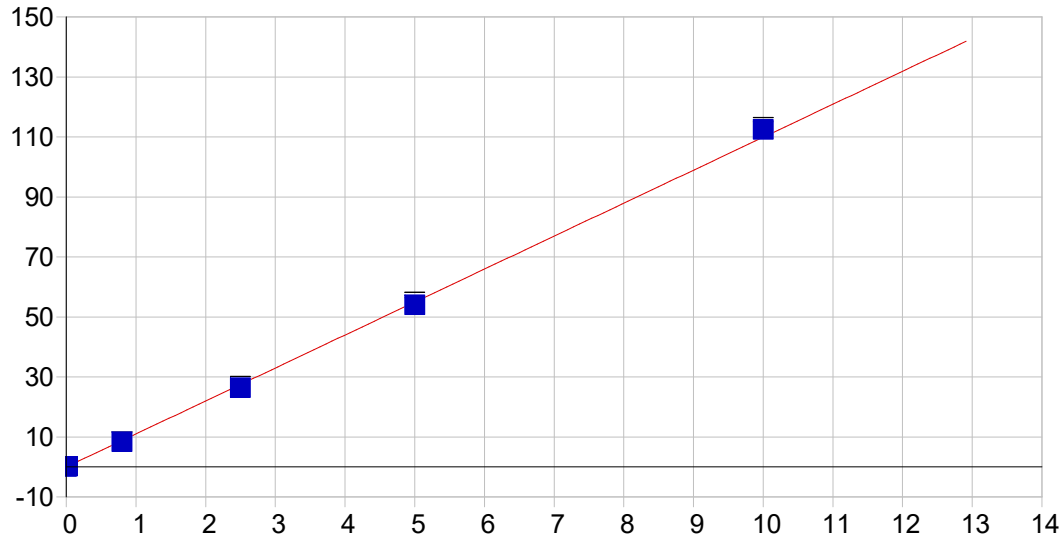
Li 670.784 { 50}

Date of Fit:	6/5/2025 17:40:03	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.001285	Re-Slope:	1.000000
A1 (Gain):	1.178746	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999365	Status:	OK.
Std Error of Est:	0.000985		
Predicted MDL:	0.001045		
Predicted MQL:	0.003484		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00128	.001	1
S5	10.000	10.304	.304	3.04	12.151	.106	1
S4	5.0000	4.8783	-.122	-2.43	5.7519	.026	1
S3	2.5000	2.3873	-.113	-4.51	2.8142	.026	1
S1	.02000	.01930	-.001	-3.48	.02185	.001	1
S2	.80000	.73083	-.069	-8.65	.86065	.001	1

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035



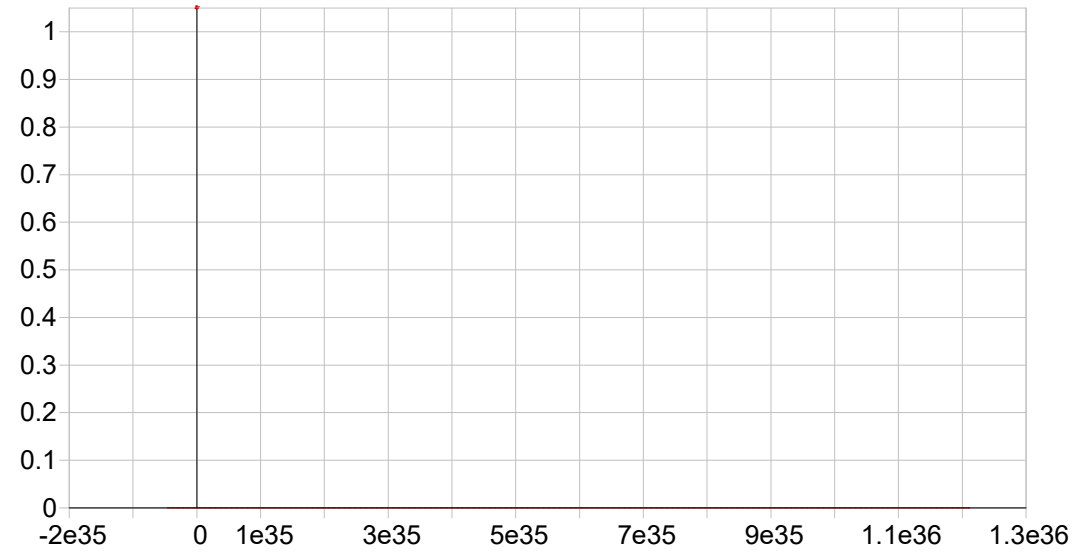
Sr 407.771 { 83}

Date of Fit:	6/5/2025 17:40:03	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000010	Re-Slope:	1.000000
A1 (Gain):	10.988798	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999641	Status:	OK.
Std Error of Est:	0.006904		
Predicted MDL:	0.000073		
Predicted MQL:	0.000242		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00002	.001	1
S1	.02000	.01938	-.001	-3.10	.21402	.000	1
S3	2.5000	2.3995	-.101	-4.02	26.394	.471	1
S4	5.0000	4.9121	-.088	-1.76	54.031	.893	1
S5	10.000	10.231	.231	2.31	112.53	.691	1
S2	.80000	.75787	-.042	-5.27	8.3365	.009	1

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035

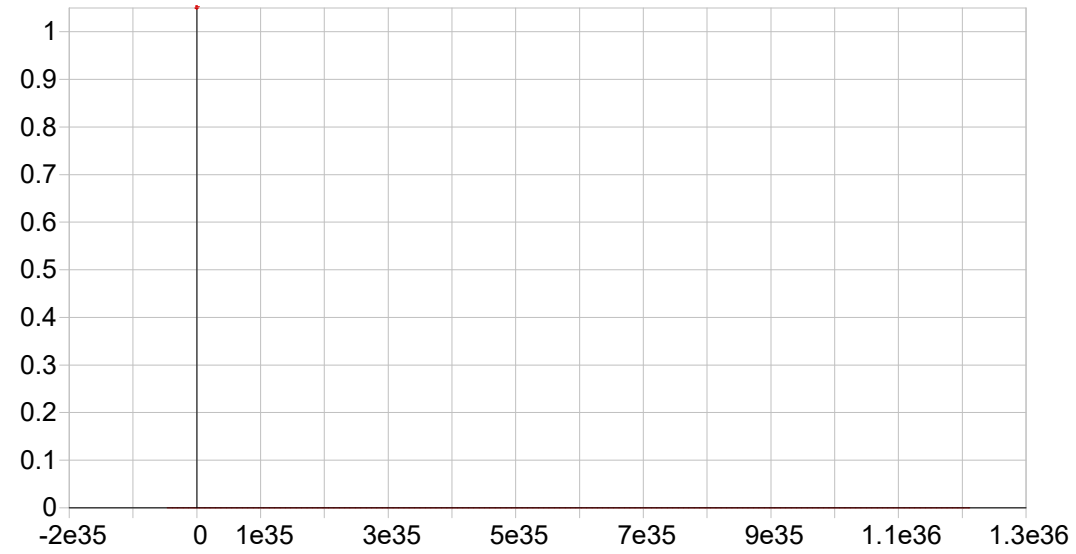


Y 224.306 {450}*

Date of Fit:	6/5/2025 17:40:03	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}*

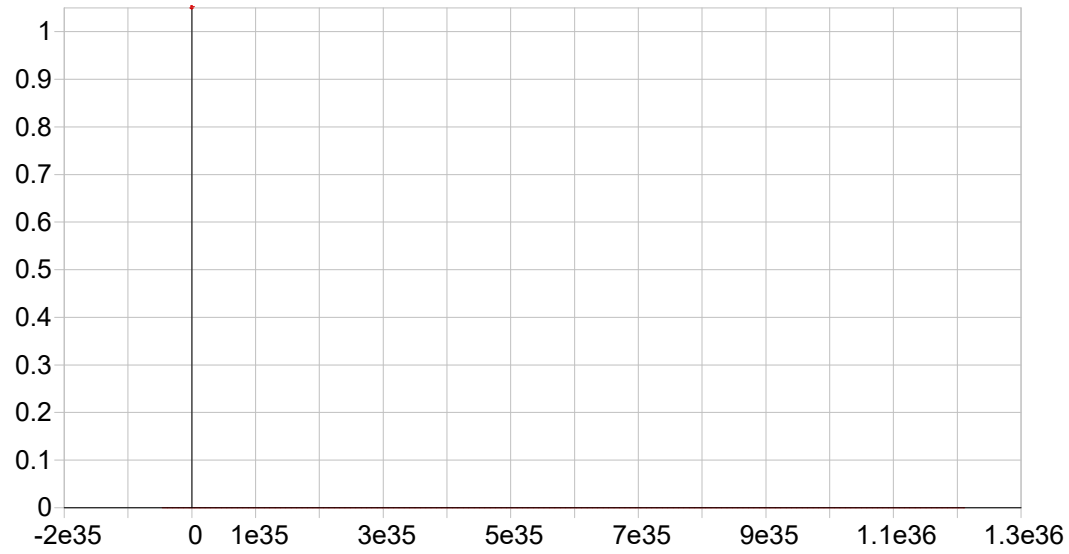
Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc

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

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035

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



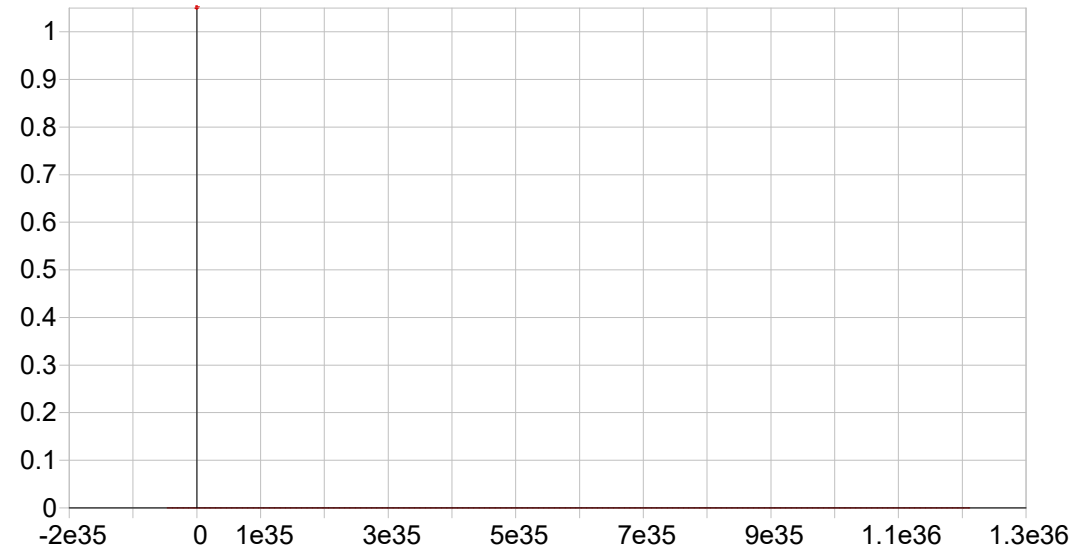
Y 371.030 { 91}*

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

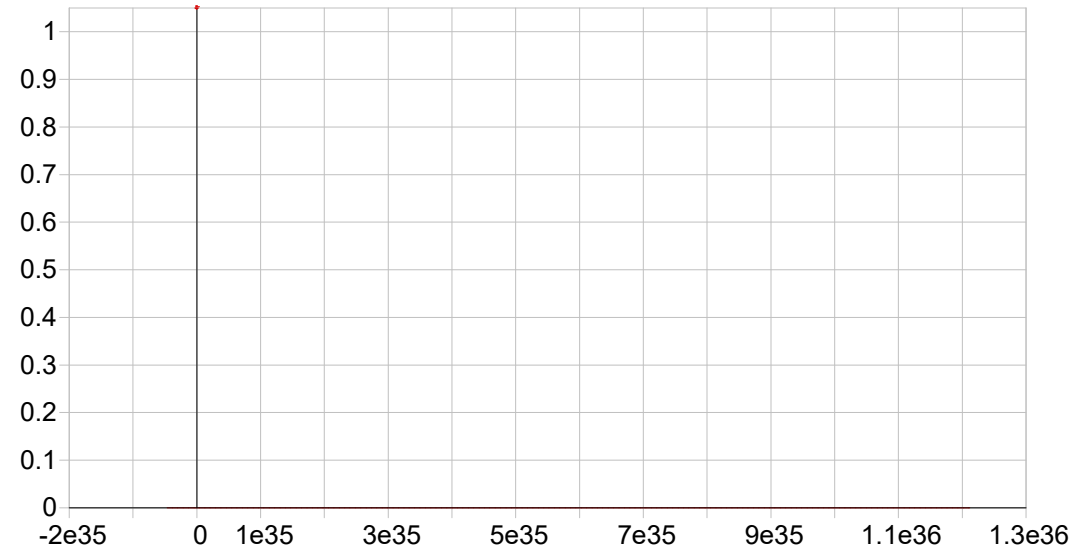
Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035



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:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035

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:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035

Sample Name: S0 Acquired: 6/5/2025 15:11:42 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v91) 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	**-.00021**	**.00017**	**-.00021**	**.00028**	**.00006**	**.00045**	**.04058**	**-.00051**
Stddev	.00013	.00005	.00021	.00012	.00008	.00045	.00123	.00034
%RSD	64.287	32.469	102.72	42.236	129.92	99.091	3.0353	66.299
#1	-.00029	.00023	.00004	.00018	.00009	.00037	.03934	-.00075
#2	-.00005	.00012	-.00029	.00041	-.00003	.00005	.04180	-.00012
#3	-.00029	.00015	-.00037	.00024	.00012	.00093	.04059	-.00067

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	**.00002**	**.00084**	**.00008**	**-.00003**	**-.00039**	**.00002**	**.00024**	**-.00063**
Stddev	.00022	.00012	.00002	.00015	.00012	.00003	.00009	.00018
%RSD	1019.0	14.407	30.257	475.52	30.512	143.11	37.848	29.501
#1	.00018	.00073	.00009	-.00012	-.00050	.00001	.00020	-.00077
#2	.00012	.00097	.00009	-.00012	-.00040	-.00001	.00018	-.00069
#3	-.00023	.00083	.00005	.00014	-.00027	.00005	.00034	-.00042

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	**.00010**	**-.00019**	**.00164**	**.00013**	**.00335**	**.00053**	**.00208**	**-.00001**
Stddev	.00006	.00010	.00024	.00022	.00038	.00005	.00017	.00015
%RSD	61.320	54.407	14.350	173.12	11.354	9.6856	8.0731	1480.0
#1	.00008	-.00015	.00138	.00002	.00319	.00056	.00219	-.00010
#2	.00005	-.00011	.00182	-.00002	.00378	.00047	.00216	-.00009
#3	.00017	-.00030	.00172	.00038	.00308	.00057	.00188	.00016

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	**.00041**	**.00223**	**.00015**	**-.00126**	**.00023**	**-.00128**	**.00002**
Stddev	.00006	.00020	.00005	.00010	.00007	.00056	.00083
%RSD	15.565	9.1736	34.031	7.7188	29.487	43.513	5188.5
#1	.00041	.00232	.00011	-.00116	.00027	-.00183	-.00089
#2	.00047	.00238	.00013	-.00135	.00028	-.00129	.00020
#3	.00034	.00200	.00021	-.00128	.00015	-.00072	.00074

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035

Sample Name: S0 Acquired: 6/5/2025 15:11:42 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v91) 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	3090.3	63529.	9732.0	2647.0	4270.0
Stddev	17.7	1277.	8.1	53.3	21.4
%RSD	.57283	2.0095	.08314	2.0138	.50131
#1	3101.7	64121.	9737.0	2679.6	4282.2
#2	3099.3	64403.	9736.4	2675.9	4282.5
#3	3069.9	62064.	9722.7	2585.5	4245.3

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035

Sample Name: S1 Acquired: 6/5/2025 15:16:06 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v91) 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	.00121	.00362	.00240	.00209	.00758	.01544	.31686	.02881
Stddev	.00012	.00010	.00013	.00007	.00004	.00071	.00088	.00005
%RSD	9.8744	2.7840	5.4200	3.5455	.48259	4.5686	.27872	.18704
#1	.00110	.00372	.00226	.00203	.00754	.01519	.31698	.02880
#2	.00134	.00352	.00252	.00207	.00760	.01623	.31768	.02887
#3	.00119	.00362	.00243	.00218	.00761	.01488	.31592	.02877

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	.01254	.11258	.00188	.02367	.01330	.00060	.01407	.03547
Stddev	.00018	.00054	.00006	.00024	.00005	.00003	.00007	.00009
%RSD	1.4687	.48303	3.1320	1.0071	.38179	5.4246	.51495	.24247
#1	.01233	.11294	.00187	.02360	.01334	.00061	.01415	.03537
#2	.01269	.11196	.00194	.02348	.01325	.00056	.01401	.03549
#3	.01260	.11285	.00182	.02394	.01331	.00062	.01404	.03554

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	.02284	.00263	.04532	.00616	.11341	.01517	.03137	.11881
Stddev	.00012	.00010	.00008	.00017	.00043	.00015	.00033	.00073
%RSD	.50541	3.8058	.16692	2.7481	.37875	1.0187	1.0412	.61281
#1	.02281	.00265	.04534	.00611	.11303	.01509	.03171	.11886
#2	.02297	.00272	.04524	.00603	.11333	.01506	.03133	.11805
#3	.02274	.00252	.04538	.00635	.11388	.01534	.03106	.11951

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	.00491	.02150	.00164	-.00052	.00075	.02185	.21402
Stddev	.00011	.00043	.00004	.00008	.00005	.00091	.00044
%RSD	2.1919	2.0124	2.4308	15.471	6.0803	4.1597	.20458
#1	.00479	.02152	.00163	-.00043	.00075	.02279	.21427
#2	.00500	.02193	.00160	-.00054	.00070	.02178	.21351
#3	.00493	.02106	.00168	-.00058	.00079	.02097	.21427

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035

Sample Name: S1 Acquired: 6/5/2025 15:16:06 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v91) 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	3055.9	64415.	9821.5	2700.9	4185.8
Stddev	19.1	135.	37.2	4.7	21.4
%RSD	.62626	.20940	.37888	.17315	.51206
#1	3042.6	64320.	9801.6	2696.3	4170.7
#2	3077.9	64569.	9798.4	2705.6	4210.4
#3	3047.4	64356.	9864.4	2700.7	4176.4

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035

Sample Name: S2 Acquired: 6/5/2025 15:20:25 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v91) 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	**.05019**	**.07507**	**.17331**	**.05664**	**.11882**	**.21308**	**4.4427**	**.19488**
Stddev	.00004	.00115	.00056	.00024	.00021	.00154	.0046	.00051
%RSD	.08672	1.5315	.32357	.43054	.17559	.72437	.10255	.26259
#1	.05024	.07630	.17379	.05683	.11876	.21148	4.4475	.19435
#2	.05015	.07402	.17344	.05636	.11865	.21456	4.4423	.19537
#3	.05018	.07489	.17269	.05672	.11906	.21320	4.4384	.19493

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	**.81666**	**.22251**	**.02760**	**.31517**	**.12558**	**.00423**	**.26455**	**.06888**
Stddev	.00157	.00134	.00018	.00022	.00016	.00002	.00082	.00049
%RSD	.19245	.60191	.63863	.06868	.12356	.52503	.30997	.71340
#1	.81791	.22365	.02761	.31534	.12568	.00423	.26488	.06852
#2	.81719	.22283	.02777	.31492	.12541	.00425	.26516	.06868
#3	.81490	.22103	.02742	.31524	.12566	.00420	.26362	.06944

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	**.22683**	**.05602**	**.08684**	**.06332**	**1.2268**	**.03006**	**.24524**	**.49169**
Stddev	.00021	.00017	.00019	.00039	.0058	.00020	.00062	.00080
%RSD	.09128	.31177	.21640	.61359	.47521	.66744	.25440	.16358
#1	.22670	.05613	.08689	.06312	1.2319	.02985	.24494	.49191
#2	.22707	.05611	.08700	.06306	1.2280	.03009	.24482	.49080
#3	.22672	.05582	.08664	.06376	1.2204	.03024	.24596	.49237

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	**.09116**	**.39915**	**.00353**	**.02830**	**.02210**	**.86065**	**8.3365**
Stddev	.00011	.00134	.00003	.00013	.00004	.00122	.0092
%RSD	.12154	.33518	.75157	.45250	.18446	.14127	.11018
#1	.09129	.39909	.00350	.02845	.02207	.86204	8.3282
#2	.09108	.40052	.00355	.02821	.02208	.86012	8.3464
#3	.09112	.39785	.00354	.02823	.02214	.85980	8.3350

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035

Sample Name: S2 Acquired: 6/5/2025 15:20:25 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v91) 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	3058.4	64657.	9492.4	2712.5	4154.1
Stddev	2.8	186.	5.1	10.1	2.4
%RSD	.09211	.28705	.05337	.37189	.05849
#1	3059.7	64632.	9494.8	2703.8	4152.0
#2	3060.4	64485.	9495.8	2710.2	4156.7
#3	3055.2	64854.	9486.6	2723.6	4153.5

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035

Sample Name: S3 Acquired: 6/5/2025 15:24:31 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v91) 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	.15508	.23513	.53517	.17178	.36708	.68584	13.723	.64961
Stddev	.00129	.00343	.00406	.00144	.00381	.00885	.132	.00902
%RSD	.83129	1.4603	.75798	.84045	1.0369	1.2906	.96403	1.3881
#1	.15395	.23187	.53096	.17029	.36357	.68447	13.697	.64793
#2	.15481	.23872	.53548	.17187	.36655	.69529	13.866	.65935
#3	.15649	.23479	.53906	.17317	.37113	.67775	13.605	.64155

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	2.5178	.70358	.08422	.97272	.38248	.01206	.82472	.22145
Stddev	.0170	.00805	.00018	.00676	.00273	.00009	.01051	.00245
%RSD	.67693	1.1440	.21626	.69519	.71281	.71617	1.2741	1.1053
#1	2.5001	.70334	.08423	.96599	.37983	.01209	.82025	.22112
#2	2.5191	.71174	.08440	.97267	.38233	.01213	.83673	.22404
#3	2.5341	.69565	.08404	.97951	.38528	.01196	.81719	.21918

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	.69623	.16884	.25219	.20057	3.3400	.08495	.81749	1.5100
Stddev	.00456	.00025	.00041	.00271	.0063	.00023	.00847	.0125
%RSD	.65555	.14558	.16122	1.3529	.18915	.27599	1.0359	.82935
#1	.69127	.16911	.25258	.20013	3.3432	.08504	.81571	1.4981
#2	.69720	.16863	.25177	.20348	3.3328	.08469	.82670	1.5089
#3	.70024	.16879	.25223	.19811	3.3442	.08514	.81004	1.5231

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	.28338	1.2423	.01001	.09189	.06889	2.8142	26.394
Stddev	.00201	.0125	.00003	.00074	.00048	.0263	.471
%RSD	.70807	1.0059	.29141	.80114	.69100	.93489	1.7830
#1	.28111	1.2405	.00999	.09105	.06834	2.8055	25.982
#2	.28413	1.2556	.01001	.09220	.06916	2.8438	26.907
#3	.28491	1.2308	.01005	.09242	.06916	2.7934	26.292

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035

Sample Name: S3 Acquired: 6/5/2025 15:24:31 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v91) 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	3035.0	65067.	8656.1	2729.9	4062.2
Stddev	16.4	9.	89.4	7.9	18.1
%RSD	.54177	.01338	1.0329	.28759	.44664
#1	3049.7	65072.	8672.5	2724.2	4082.4
#2	3038.0	65073.	8559.7	2738.8	4057.1
#3	3017.2	65057.	8736.2	2726.7	4047.2

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035

Sample Name: S4 Acquired: 6/5/2025 15:28:37 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v91) 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	.32246	.48000	1.0976	.35699	.75478	1.3931	28.098	1.2676
Stddev	.00174	.00151	.0038	.00117	.00430	.0062	.314	.0164
%RSD	.53927	.31483	.34788	.32668	.56905	.44294	1.1173	1.2953
#1	.32164	.47872	1.0946	.35645	.75288	1.3978	28.379	1.2781
#2	.32128	.47963	1.0963	.35619	.75175	1.3861	27.759	1.2487
#3	.32445	.48167	1.1019	.35833	.75969	1.3953	28.155	1.2760

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	5.2131	1.4283	.17251	2.0074	.77901	.02657	1.6683	.45256
Stddev	.0187	.0106	.00029	.0066	.00378	.00006	.0137	.00279
%RSD	.35771	.73917	.16754	.33133	.48557	.22447	.82221	.61736
#1	5.2021	1.4364	.17284	2.0043	.77681	.02658	1.6778	.45398
#2	5.2025	1.4164	.17229	2.0029	.77683	.02663	1.6526	.44934
#3	5.2346	1.4322	.17240	2.0150	.78338	.02651	1.6745	.45435

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	1.4292	.35329	.56347	.41391	6.5592	.18925	1.5955	3.0531
Stddev	.0044	.00024	.00392	.00250	.0221	.00120	.0186	.0118
%RSD	.31024	.06708	.69658	.60289	.33705	.63468	1.1635	.38637
#1	1.4272	.35355	.56247	.41588	6.5488	.18880	1.6093	3.0452
#2	1.4260	.35309	.56780	.41111	6.5441	.19061	1.5744	3.0474
#3	1.4342	.35324	.56014	.41475	6.5845	.18834	1.6028	3.0666

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	.58629	2.5431	.02234	.19530	.14712	5.7519	54.031
Stddev	.00218	.0135	.00012	.00096	.00069	.0263	.893
%RSD	.37194	.53096	.54256	.49193	.46819	.45719	1.6532
#1	.58453	2.5535	.02227	.19476	.14667	5.7739	54.415
#2	.58560	2.5279	.02248	.19472	.14677	5.7228	53.010
#3	.58873	2.5480	.02226	.19641	.14791	5.7592	54.668

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035

Sample Name: S4 Acquired: 6/5/2025 15:28:37 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v91) 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	2927.9	61065.	8913.6	2578.7	3831.0
Stddev	14.8	172.	72.9	7.1	19.7
%RSD	.50488	.28172	.81812	.27446	.51395
#1	2932.5	61145.	8863.3	2586.8	3837.4
#2	2939.8	60867.	8997.3	2575.4	3846.6
#3	2911.3	61182.	8880.4	2573.8	3808.8

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035

Sample Name: S5 Acquired: 6/5/2025 15:32:49 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v91) 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	**.65601**	**.96845**	**2.2400**	**.71975**	**1.5288**	**2.9244**	**60.020**	**2.5952**
Stddev	.00351	.01152	.0106	.00336	.0091	.0112	.352	.0149
%RSD	.53486	1.1893	.47414	.46717	.59302	.38173	.58716	.57564
#1	.65371	.97699	2.2412	.71750	1.5220	2.9372	60.023	2.5881
#2	.65427	.97301	2.2288	.71813	1.5252	2.9163	60.371	2.6124
#3	.66005	.95535	2.2500	.72361	1.5391	2.9198	59.666	2.5851

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	**10.663**	**3.0005**	**.34424**	**4.1144**	**1.5569**	**.05483**	**3.5094**	**.95721**
Stddev	.051	.0108	.00147	.0198	.0085	.00054	.0177	.00179
%RSD	.47642	.36139	.42847	.48105	.54783	.98245	.50394	.18720
#1	10.667	3.0127	.34547	4.1144	1.5505	.05544	3.5296	.95654
#2	10.610	2.9970	.34465	4.0945	1.5536	.05443	3.5019	.95924
#3	10.712	2.9919	.34261	4.1341	1.5666	.05462	3.4967	.95584

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	**2.9148**	**.71320**	**1.1678**	**.87342**	**12.924**	**.39746**	**3.2813**	**6.1265**
Stddev	.0149	.00215	.0110	.00333	.052	.00395	.0203	.0256
%RSD	.51174	.30172	.94412	.38073	.40196	.99488	.61860	.41868
#1	2.9157	.71461	1.1805	.87723	12.954	.40201	3.2673	6.1129
#2	2.8994	.71427	1.1624	.87198	12.954	.39492	3.3046	6.1104
#3	2.9292	.71073	1.1606	.87106	12.864	.39544	3.2720	6.1560

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	**1.1991**	**5.3694**	**.04660**	**.40977**	**.30877**	**12.151**	**112.53**
Stddev	.0049	.0313	.00014	.00184	.00094	.106	.69
%RSD	.40799	.58305	.30090	.45005	.30438	.87057	.61369
#1	1.2002	5.4050	.04675	.41130	.30856	12.270	111.88
#2	1.1937	5.3570	.04648	.40772	.30796	12.114	113.26
#3	1.2033	5.3461	.04656	.41029	.30980	12.068	112.46

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035

Sample Name: S5 Acquired: 6/5/2025 15:32:49 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v91) 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	2827.7	59729.	8548.1	2515.0	3615.2
Stddev	14.4	128.	24.2	1.0	18.7
%RSD	.50904	.21487	.28331	.04002	.51803
#1	2832.1	59603.	8568.1	2515.0	3610.6
#2	2839.4	59723.	8521.2	2514.0	3635.8
#3	2811.7	59860.	8555.0	2516.1	3599.1

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035

Sample Name: ICV01 Acquired: 6/5/2025 15:55:17 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v91) 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	**1.009981**	**1.056317**	**.9846546**	**1.001978**	**1.020946**	**2.475823**
Stddev	.006512	.006331	.0035925	.009731	.003871	.026941
%RSD	.6447606	.5993930	.3648505	.9712045	.3791398	1.088165
#1	1.006702	1.053118	.9816057	1.001805	1.019012	2.451591
#2	1.005761	1.052223	.9837430	.992334	1.018423	2.471046
#3	1.017481	1.063609	.9886151	1.011794	1.025403	2.504834

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4750667**	**.4796326**	**.5039422**	**9.692172**	**.5285873**	**.5249801**
Stddev	.0063325	.0030216	.0016033	.092366	.0003782	.0012481
%RSD	1.332976	.6299734	.3181464	.9529964	.0715492	.2377455
#1	.4719740	.4786845	.5029600	9.646750	.5287523	.5246995
#2	.4708749	.4771988	.5030743	9.631312	.5288550	.5238962
#3	.4823513	.4830145	.5057924	9.798454	.5281547	.5263447

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5268684**	**10.13585**	**.5000394**	**6.055850**	**.5347082**	**.2605960**
Stddev	.0025694	.02978	.0050374	.070862	.0019869	.0049071
%RSD	.4876796	.2938496	1.007406	1.170149	.3715808	1.883015
#1	.5256271	10.11421	.4979196	5.993787	.5337669	.2649854
#2	.5251554	10.12352	.4964082	6.040702	.5333668	.2615044
#3	.5298228	10.16982	.5057903	6.133062	.5369907	.2552982

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**10.22197**	**.4766753**	**.9949030**	**9.470234**	F **.0223000**	F **-.000133**
Stddev	.10263	.0052643	.0020893	.013833	.0001673	.000210
%RSD	1.004023	1.104375	.2099979	.1460633	.7501207	157.2493
#1	10.14822	.4742848	.9971384	9.470738	.0222954	-.000153
#2	10.17852	.4730304	.9945710	9.456155	.0221351	-.000333
#3	10.33918	.4827107	.9929996	9.483807	.0224696	.000085

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035

Sample Name: ICV01 Acquired: 6/5/2025 15:55:17 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v91) 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	F -.002285	F .0001473	F .0178629	F -.000308	F .0282484	F .0033674
Stddev	.000512	.0006202	.0036667	.001527	.0010127	.0005408
%RSD	22.39516	421.1280	20.52674	495.9529	3.585060	16.05936
#1	-.002858	.0000421	.0143586	-.001857	.0294073	.0027440
#2	-.001874	.0008134	.0216728	.001195	.0278043	.0037099
#3	-.002123	-.000414	.0175573	-.000261	.0275335	.0036483

Elem	Sr4077
Units	ppm
Avg	F -.009585
Stddev	.000002
%RSD	.0233258
#1	-.009584
#2	-.009588
#3	-.009585

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2990.311	63653.64	9602.307	2726.004	4032.377
Stddev	7.883	73.48	53.057	15.757	7.371
%RSD	.2636097	.1154317	.5525400	.5780095	.1827945
#1	2987.842	63725.68	9624.651	2727.434	4028.736
#2	2999.132	63578.80	9640.538	2709.582	4040.860
#3	2983.958	63656.44	9541.733	2740.997	4027.534

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035

Sample Name: LLICV01 Acquired: 6/5/2025 16:09:57 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v91) 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	**.0234147**	**.0411588**	**.0140220**	**.0222912**	**.0505941**	**.0996138**
Stddev	.0004808	.0010286	.0000775	.0023536	.0009099	.0066684
%RSD	2.053566	2.499182	.5529018	10.55861	1.798437	6.694212
#1	.0234774	.0402153	.0140884	.0227738	.0497617	.0975488
#2	.0229055	.0422554	.0140407	.0197337	.0515655	.0942222
#3	.0238611	.0410056	.0139368	.0243662	.0504552	.1070704

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0884567**	**.0056324**	**.0061246**	**1.866659**	**.0107020**	**.0297281**
Stddev	.0001468	.0000418	.0000393	.003837	.0003649	.0001681
%RSD	.1660100	.7427138	.6412767	.2055329	3.409443	.5655429
#1	.0886208	.0055845	.0061162	1.862232	.0102997	.0297213
#2	.0884119	.0056618	.0060901	1.868745	.0110116	.0295635
#3	.0883375	.0056510	.0061673	1.869002	.0107945	.0298996

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0214715**	**.1144932**	**.0189856**	**1.925358**	**.0400758**	**.0103597**
Stddev	.0002812	.0040800	.0004846	.020206	.0002558	.0003562
%RSD	1.309635	3.563550	2.552687	1.049441	.6383384	3.437975
#1	.0214554	.1188313	.0193655	1.931946	.0400649	.0099524
#2	.0211987	.1107328	.0184398	1.941448	.0398256	.0106128
#3	.0217604	.1139154	.0191514	1.902681	.0403369	.0105138

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.928207**	**.0357061**	**.0452778**	**2.369209**	**.0868676**	**.2031308**
Stddev	.000431	.0025774	.0004269	.037275	.0006785	.0011688
%RSD	.0223519	7.218306	.9429429	1.573294	.7811155	.5753727
#1	1.927718	.0384832	.0456811	2.405783	.0874492	.2033065
#2	1.928534	.0352441	.0453218	2.370573	.0870316	.2018842
#3	1.928368	.0333909	.0448306	2.331271	.0861221	.2042018

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035

Sample Name: LLICV01 Acquired: 6/5/2025 16:09:57 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v91) 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	.0385594	F .1236472	F .1417435	.0207888	F .2410710	.0192472
Stddev	.0012191	.0004425	.0022359	.0058002	.0010126	.0000870
%RSD	3.161619	.3578909	1.577403	27.90050	.4200602	.4521585
#1	.0388114	.1239628	.1432168	.0251710	.2399038	.0193472
#2	.0372340	.1238375	.1391708	.0142114	.2415933	.0192060
#3	.0396328	.1231414	.1428430	.0229839	.2417158	.0191884

Elem	Sr4077
Units	ppm
Avg	.0196418
Stddev	.0000373
%RSD	.1898283
#1	.0196091
#2	.0196338
#3	.0196824

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2960.251	61654.66	9948.904	2672.205	3989.063
Stddev	8.291	148.83	45.739	10.063	6.281
%RSD	.2800782	.2413862	.4597406	.3765741	.1574564
#1	2964.882	61502.27	9922.373	2662.805	3993.276
#2	2965.193	61662.07	9922.619	2670.990	3992.068
#3	2950.679	61799.65	10001.72	2682.820	3981.844

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035

Sample Name: ICB01 Acquired: 6/5/2025 16:14:15 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v91) 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	.0014312	-.002192	-.001116	.0030041	.0004467	.0100617	-.000749
Stddev	.0007630	.002111	.000299	.0009725	.0006278	.0102097	.001209
%RSD	53.31121	96.29599	26.80149	32.37304	140.5337	101.4707	161.3441
#1	.0006505	-.004527	-.000941	.0020081	.0011011	.0087598	-.000558
#2	.0014679	-.000420	-.001461	.0030529	-.000150	.0005654	-.002043
#3	.0021751	-.001629	-.000945	.0039513	.000389	.0208599	.000353

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000839	.0000192	-.012104	.0007757	.0001606	.0001534	.0047523
Stddev	.0000374	.0000480	.005821	.0004828	.0000593	.0002575	.0017925
%RSD	44.60589	249.8757	48.08774	62.23614	36.94568	167.8267	37.71952
#1	.0001099	-.000031	-.014495	.0003953	.0001095	.0000510	.0030896
#2	.0000410	.000064	-.005469	.0006130	.0001466	-.000037	.0066512
#3	.0001008	.000025	-.016349	.0013188	.0002257	.000446	.0045160

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000679	.0169183	-.000239	-.000399	-.020237	-.000448	.0015774
Stddev	.0003054	.0196382	.000413	.000027	.006728	.001093	.0002168
%RSD	449.5114	116.0763	172.7973	6.884190	33.24612	243.9743	13.74280
#1	-.000272	-.003000	.000091	-.000376	-.016498	-.001703	.0017234
#2	.000157	.036264	-.000106	-.000429	-.016208	.000071	.0016804
#3	.000319	.017491	-.000701	-.000393	-.028004	.000288	.0013283

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0237840	-.001471	.0002289	.0003984	.0009124	.0081716	-.003907
Stddev	.0226469	.000179	.0002406	.0005056	.0009640	.0013888	.001629
%RSD	95.21903	12.17244	105.0978	126.8852	105.6576	16.99517	41.68286
#1	.0183325	-.001267	.0004466	.0003116	.0011428	.0095785	-.004849
#2	.0043604	-.001545	.0002695	.0009418	-.000146	.0081347	-.002027
#3	.0486590	-.001601	-.000029	-.000058	.001740	.0068017	-.004846

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035

Sample Name: ICB01 Acquired: 6/5/2025 16:14:15 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v91) 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	.0016433	.0013912	.0000181
Stddev	.0015745	.0004947	.0000642
%RSD	95.81300	35.56018	355.2229
#1	.0025914	.0018993	.0000913
#2	.0025128	.0009110	-.000009
#3	-.000174	.0013632	-.000029

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3017.440	61244.93	9786.256	2677.774	4106.629
Stddev	9.539	1550.15	37.492	76.628	6.673
%RSD	.3161181	2.531071	.3831098	2.861615	.1624993
#1	3026.585	62356.19	9748.006	2722.856	4108.114
#2	3018.184	61904.54	9822.942	2721.167	4112.435
#3	3007.551	59474.07	9787.820	2589.297	4099.338

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035

Sample Name: CRI01 Acquired: 6/5/2025 16:19:05 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v91) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0216800**	**.0421387**	**.0129712**	**.0231147**	**.0508618**	**.0933784**
Stddev	.0008864	.0002325	.0021205	.0039584	.0012354	.0009452
%RSD	4.088372	.5517575	16.34793	17.12484	2.429040	1.012223
#1	.0216576	.0421389	.0115765	.0197004	.0509706	.0943101
#2	.0208050	.0419061	.0119256	.0221901	.0520392	.0924202
#3	.0225773	.0423711	.0154114	.0274535	.0495755	.0934048

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0865937**	**.0056227**	**.0059115**	**1.836221**	**.0103240**	**.0290178**
Stddev	.0010167	.0000593	.0000789	.008119	.0002198	.0001106
%RSD	1.174151	1.054003	1.334075	.4421838	2.129371	.3809932
#1	.0875448	.0056041	.0059154	1.843106	.0103571	.0291189
#2	.0867143	.0055749	.0058308	1.827267	.0100895	.0288997
#3	.0855221	.0056890	.0059884	1.838289	.0105254	.0290348

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0211935**	**.1111346**	**.0183898**	**1.932366**	**.0387655**	**.0098579**
Stddev	.0002833	.0051644	.0004142	.010981	.0002529	.0000979
%RSD	1.336613	4.647005	2.252113	.5682737	.6522768	.9934026
#1	.0214137	.1051714	.0184003	1.929293	.0384795	.0098853
#2	.0208739	.1140778	.0179705	1.923248	.0388576	.0097492
#3	.0212928	.1141546	.0187986	1.944556	.0389595	.0099392

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.907161**	**.0357881**	**.0447147**	**2.280194**	**.0850475**	**.2021178**
Stddev	.013149	.0013123	.0000990	.032727	.0001991	.0005311
%RSD	.6894315	3.666820	.2214516	1.435293	.2340598	.2627439
#1	1.897923	.0353009	.0446004	2.313944	.0852770	.2019054
#2	1.922215	.0372743	.0447706	2.248595	.0849221	.2017258
#3	1.901346	.0347891	.0447732	2.278043	.0849433	.2027222

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035

Sample Name: CRI01 Acquired: 6/5/2025 16:19:05 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v91) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0370475	F .1221155	F .1313903	.0186087	F .2276541	.0178219
Stddev	.0003757	.0004539	.0033229	.0005795	.0016769	.0005081
%RSD	1.014221	.3717103	2.529026	3.114304	.7365890	2.851009
#1	.0370674	.1223600	.1334387	.0190301	.2258341	.0173958
#2	.0366621	.1215917	.1275564	.0188483	.2279919	.0176857
#3	.0374128	.1223947	.1331759	.0179478	.2291364	.0183843

Elem	Sr4077
Units	ppm
Avg	.0195693
Stddev	.0000894
%RSD	.4570034
#1	.0196265
#2	.0196152
#3	.0194663

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3060.376	61960.47	9967.611	2706.207	4194.420
Stddev	9.712	130.67	5.769	13.386	10.393
%RSD	.3173445	.2108943	.0578736	.4946462	.2477898
#1	3070.307	62098.79	9974.231	2721.343	4203.181
#2	3059.923	61839.10	9964.938	2701.351	4197.143
#3	3050.899	61943.52	9963.663	2695.927	4182.936

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035

Sample Name: ICSA01 Acquired: 6/5/2025 16:23:22 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v91) 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	**.0039838**	**-.007248**	**-.000758**	**.0063611**	**-.001925**	**243.9213**
Stddev	.0018253	.001056	.001647	.0052524	.003900	2.7423
%RSD	45.81764	14.56873	217.3379	82.56998	202.6453	1.124256
#1	.0039439	-.008068	-.002654	.0053378	-.006368	242.1864
#2	.0021788	-.006057	.000324	.0016957	-.000337	247.0828
#3	.0058287	-.007621	.000056	.0120498	.000931	242.4946

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0025822**	**.0009361**	**.0013228**	**230.2742**	**.0488722**	**.0008801**
Stddev	.0008681	.0000088	.0001627	2.4042	.0004708	.0003621
%RSD	33.61780	.9418784	12.30211	1.044062	.9633524	41.15033
#1	.0025986	.0009361	.0011349	229.1772	.0493977	.0006366
#2	.0034419	.0009449	.0014188	233.0312	.0484889	.0012962
#3	.0017060	.0009273	.0014148	228.6141	.0487300	.0007073

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0193359**	**103.3890**	**.0051312**	**251.1240**	**.0024190**	**.0033092**
Stddev	.0009984	.4780	.0002841	2.8919	.0003767	.0005294
%RSD	5.163217	.4623784	5.536033	1.151579	15.57241	15.99722
#1	.0186485	103.7900	.0053114	250.0584	.0025136	.0037782
#2	.0188782	102.8600	.0048037	254.3975	.0027394	.0027352
#3	.0204811	103.5169	.0052784	248.9160	.0020040	.0034144

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0126547**	**.0019315**	**.0039359**	**.0646941**	F **.1673874**	**.0012009**
Stddev	.0044272	.0011203	.0006409	.0288585	.0042823	.0005089
%RSD	34.98446	58.00055	16.28423	44.60767	2.558295	42.37598
#1	.0075862	.0007537	.0041052	.0479218	.1715353	.0011554
#2	.0157657	.0020572	.0044752	.0980169	.1629824	.0007163
#3	.0146123	.0029836	.0032273	.0481437	.1676446	.0017311

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035

Sample Name: ICSA01 Acquired: 6/5/2025 16:23:22 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v91) 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	-.002381	-.001498	.0060027	.0032690	-.015006	.0055020
Stddev	.001128	.000270	.0085802	.0027863	.004644	.0005998
%RSD	47.36956	17.98904	142.9379	85.23341	30.94914	10.90221
#1	-.001098	-.001768	.0135079	.0043754	-.016495	.0059988
#2	-.003217	-.001498	-.003351	.0000995	-.018723	.0048356
#3	-.002828	-.001229	.007851	.0053323	-.009800	.0056714

Elem	Sr4077
Units	ppm
Avg	-.001267
Stddev	.001706
%RSD	134.6218
#1	-.002423
#2	.000692
#3	-.002071

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2717.540	55161.29	9207.592	2404.923	3448.276
Stddev	14.440	154.99	100.625	4.861	17.443
%RSD	.5313728	.2809835	1.092845	.2021391	.5058388
#1	2721.218	55062.86	9260.905	2399.632	3451.497
#2	2729.785	55339.95	9091.529	2409.192	3463.883
#3	2701.616	55081.05	9270.342	2405.945	3429.447

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035

Sample Name: ICSAB01 Acquired: 6/5/2025 16:32:18 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v91) 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	**.1082303**	**.1017127**	**.0480035**	**.0583699**	**.6476128**	**224.1414**
Stddev	.0022205	.0022643	.0018786	.0060328	.0042089	.5228
%RSD	2.051621	2.226169	3.913396	10.33549	.6499038	.2332407
#1	.1071958	.1027712	.0493420	.0516808	.6516630	223.7977
#2	.1107792	.0991130	.0458560	.0600301	.6432615	223.8835
#3	.1067158	.1032539	.0488125	.0633987	.6479138	224.7431

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4619697**	**.4474773**	**1.007892**	**212.9246**	**.5641798**	**.5100183**
Stddev	.0013223	.0027974	.004063	.3194	.0010006	.0019864
%RSD	.2862348	.6251385	.4030864	.1499910	.1773619	.3894705
#1	.4626681	.4477201	1.004573	213.1127	.5634889	.5083828
#2	.4604446	.4445665	1.006681	212.5558	.5653273	.5094434
#3	.4627964	.4501454	1.012423	213.1053	.5637232	.5122287

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5171961**	**99.94778**	**.4577582**	**230.3701**	**1.008344**	**.2190150**
Stddev	.0021039	.27272	.0017537	.2111	.003719	.0010228
%RSD	.4067844	.2728657	.3831140	.0916180	.3688447	.4669823
#1	.5158142	99.96211	.4594017	230.3127	1.005239	.2199212
#2	.5161567	100.2131	.4559119	230.1937	1.007326	.2179060
#3	.5196174	99.6682	.4579609	230.6040	1.012466	.2192178

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.006151**	**.4641613**	**1.054901**	**.1106047**	F **.1702687**	F **.0006434**
Stddev	.010756	.0022557	.000702	.0244009	.0024358	.0005941
%RSD	174.8646	.4859649	.0665110	22.06132	1.430545	92.35091
#1	-.013847	.4616516	1.055613	.0898854	.1699754	-.000041
#2	-.010745	.4660195	1.054210	.1375002	.1728378	.001028
#3	.006139	.4648128	1.054879	.1044286	.1679928	.000943

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035

Sample Name: ICSAB01 Acquired: 6/5/2025 16:32:18 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v91) 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	F -.002696	F -.002315	F .0057714	F .0096928	F -.016952	F .0065807
Stddev	.001073	.000223	.0016110	.0038186	.003355	.0015168
%RSD	39.78303	9.617902	27.91339	39.39661	19.79334	23.04852
#1	-.003125	-.002496	.0056636	.0132277	-.018873	.0081458
#2	-.001475	-.002066	.0074335	.0102081	-.013077	.0064787
#3	-.003488	-.002382	.0042170	.0056427	-.018904	.0051175

Elem	Sr4077
Units	ppm
Avg	F -.005119
Stddev	.000524
%RSD	10.23089
#1	-.005333
#2	-.005502
#3	-.004523

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2678.032	55461.99	9692.709	2423.723	3416.932
Stddev	4.992	172.94	26.212	8.390	10.107
%RSD	.1864138	.3118247	.2704332	.3461663	.2957956
#1	2680.247	55620.94	9700.679	2432.768	3423.793
#2	2681.533	55277.82	9714.011	2416.195	3421.677
#3	2672.316	55487.22	9663.437	2422.206	3405.325

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035

Sample Name: ICSADLX20 Acquired: 6/5/2025 16:40:03 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v91) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: ICSA01DLX20 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0010889**	**-.001079**	**-.000429**	**.0037342**	**.0009227**	**11.91481**	**-.001844**
Stddev	.0014732	.000530	.000718	.0022247	.0000416	.00117	.001001
%RSD	135.2864	49.09847	167.2805	59.57686	4.507017	.0098232	54.30271
#1	.0026253	-.000568	-.000947	.0061809	.0008768	11.91614	-.001729
#2	.0009532	-.001625	-.000732	.0031887	.0009579	11.91391	-.002898
#3	-.000312	-.001043	.000391	.0018329	.0009334	11.91440	-.000905

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0000966**	**.0000306**	**11.55154**	**.0029368**	**.0001036**	**.0027500**	**4.801105**
Stddev	.0000818	.0000992	.04411	.0002155	.0000592	.0001447	.021783
%RSD	84.69932	324.5038	.3818265	7.338850	57.17029	5.262484	.4537023
#1	.0001496	-.000071	11.60217	.0030166	.0001618	.0028498	4.824839
#2	.0000024	.000035	11.52143	.0026927	.0001056	.0025840	4.796450
#3	.0001379	.000127	11.53102	.0031009	.0000434	.0028162	4.782026

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0001777**	**12.19319**	**-.000029**	**-.000025**	**-.044980**	**-.000040**	**.0007934**
Stddev	.0005042	.02601	.000429	.000187	.009319	.000653	.0001018
%RSD	283.7517	.2133394	1477.324	760.4878	20.71708	1634.130	12.82342
#1	-.000160	12.18421	-.000380	.000078	-.035087	.000689	.0006876
#2	-.000064	12.22251	-.000156	.000089	-.053592	-.000238	.0008022
#3	.000757	12.17286	.000449	-.000240	-.046262	-.000571	.0008905

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.003626**	**.0035224**	**.0005193**	**-.001329**	**.0004772**	**-.001115**	**-.003132**
Stddev	.034142	.0004822	.0001241	.000365	.0002908	.002190	.003426
%RSD	941.6089	13.68954	23.89111	27.49250	60.93337	196.4464	109.4089
#1	-.004349	.0034487	.0004631	-.001143	.0001616	.000622	-.004771
#2	.030872	.0030812	.0004332	-.001095	.0005357	-.000392	.000806
#3	-.037401	.0040371	.0006615	-.001750	.0007343	-.003575	-.005430

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035

Sample Name: ICSADLX20 Acquired: 6/5/2025 16:40:03 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v91) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: ICSA01DLX20 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0016838	-.000060	.0001973
Stddev	.0015474	.001479	.0000281
%RSD	91.89812	2477.646	14.22150
#1	.0028451	.001263	.0001667
#2	.0022791	-.001656	.0002033
#3	-.000073	.000214	.0002218

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2969.440	60190.83	9044.161	2657.456	4010.520
Stddev	30.055	73.85	7.065	10.708	45.053
%RSD	1.012141	.1226972	.0781151	.4029482	1.123382
#1	2980.392	60172.62	9051.597	2668.356	4027.189
#2	2992.483	60127.79	9043.348	2646.951	4044.863
#3	2935.445	60272.09	9037.537	2657.060	3959.507

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035

Sample Name: ICSABDLX20 Acquired: 6/5/2025 16:45:46 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v91) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: ICSAB01DLX20 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0073219	.0026579	.0032108	.0064687	.0291442	11.57260	.0206627
Stddev	.0003519	.0013092	.0009221	.0014646	.0012903	.07788	.0012653
%RSD	4.805479	49.25707	28.71916	22.64084	4.427335	.6729608	6.123543
#1	.0076589	.0011574	.0038111	.0073295	.0302524	11.61404	.0205022
#2	.0069568	.0032487	.0036722	.0047776	.0294527	11.62100	.0220006
#3	.0073499	.0035675	.0021491	.0072990	.0277277	11.48277	.0194853

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0234405	.0476535	11.33707	.0299974	.0236306	.0262165	5.249414
Stddev	.0002640	.0008135	.05866	.0006431	.0002057	.0003866	.089028
%RSD	1.126414	1.707078	.5174223	2.143991	.8702692	1.474823	1.695961
#1	.0237429	.0485585	11.38125	.0299190	.0236970	.0266313	5.175666
#2	.0233235	.0474190	11.35944	.0293971	.0237949	.0258661	5.224264
#3	.0232552	.0469830	11.27051	.0306761	.0234000	.0261520	5.348311

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0244104	11.76963	.0469627	.0108111	-.060288	.0242556	.0537123
Stddev	.0001971	.05396	.0007248	.0004374	.010895	.0003354	.0010149
%RSD	.8073675	.4584318	1.543276	4.045577	18.07164	1.382823	1.889581
#1	.0241938	11.82666	.0477054	.0109931	-.072861	.0245616	.0536517
#2	.0244585	11.76282	.0469253	.0103121	-.054393	.0243081	.0527291
#3	.0245790	11.71940	.0462573	.0111282	-.053611	.0238970	.0547562

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0288709	.0053663	-.000000	-.001306	.0003945	.0044899	-.002662
Stddev	.0331086	.0008189	.000271	.000174	.0005163	.0102403	.001056
%RSD	114.6781	15.26018	258467.3	13.33768	130.8794	228.0714	39.68140
#1	-.008528	.0063118	-.000313	-.001222	.0005898	.0132437	-.003647
#2	.040701	.0048817	.000147	-.001506	.0007846	.0069972	-.002793
#3	.054440	.0049055	.000166	-.001189	-.000191	-.006771	-.001547

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035

Sample Name: ICSABDLX20 Acquired: 6/5/2025 16:45:46 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v91) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: ICSAB01DLX20 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.002341	.0009565	-.000292
Stddev	.002098	.0006393	.000034
%RSD	89.59323	66.84007	11.47474
#1	-.003881	.0004365	-.000270
#2	-.003191	.0007627	-.000276
#3	.000048	.0016703	-.000331

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2978.118	60149.08	10006.99	2643.589	4016.165
Stddev	8.325	1230.51	34.98	58.516	11.587
%RSD	.2795387	2.045768	.3495788	2.213510	.2885055
#1	2984.685	60912.97	9973.63	2676.615	4021.369
#2	2968.755	60804.68	10043.39	2678.126	4002.888
#3	2980.914	58729.58	10003.95	2576.026	4024.237

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035

Sample Name: CCV01 Acquired: 6/5/2025 16:50:22 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v91) 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	**4.977494**	**5.260275**	**4.928598**	**5.021658**	**5.033556**	**9.674830**	**9.247919**
Stddev	.008458	.025785	.004438	.009655	.008816	.014725	.090818
%RSD	.1699221	.4901777	.0900459	.1922687	.1751453	.1522004	.9820337
#1	4.973724	5.244187	4.932705	5.010522	5.023376	9.675599	9.321044
#2	4.971577	5.290016	4.923890	5.026763	5.038616	9.659736	9.146261
#3	4.987181	5.246622	4.929197	5.027689	5.038676	9.689156	9.276452

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2378438**	**2.471069**	**23.92248**	**1.011362**	**2.467992**	**1.258010**	**4.887565**
Stddev	.0008904	.002126	.08575	.001368	.003047	.002979	.014119
%RSD	.3743657	.0860513	.3584305	.1352204	.1234585	.2367855	.2888796
#1	.2388464	2.472808	24.02071	1.012346	2.466797	1.255460	4.876595
#2	.2371451	2.468698	23.86267	1.011939	2.465723	1.257287	4.903495
#3	.2375401	2.471702	23.88405	1.009800	2.471455	1.261284	4.882606

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.339250**	**24.05764**	**2.474396**	**1.233371**	**24.90919**	**2.394204**	**2.537454**
Stddev	.009340	.14749	.004985	.001964	.05176	.004457	.007820
%RSD	.3992883	.6130679	.2014758	.1592653	.2077875	.1861757	.3081677
#1	2.349689	24.17484	2.473936	1.235628	24.85042	2.395996	2.532055
#2	2.331681	23.89203	2.469657	1.232445	24.92918	2.397486	2.533887
#3	2.336382	24.10606	2.479595	1.232041	24.94798	2.389129	2.546422

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**24.31475**	**4.703166**	**5.069229**	**4.974586**	**4.690605**	**4.970493**	**4.769104**
Stddev	.01713	.026202	.007485	.002570	.005755	.023866	.007678
%RSD	.0704623	.5571112	.1476552	.0516532	.1226813	.4801532	.1610048
#1	24.29646	4.727536	5.063771	4.977416	4.696950	4.943507	4.777484
#2	24.31738	4.675453	5.066153	4.972400	4.685723	4.988824	4.767422
#3	24.33042	4.706508	5.077761	4.973941	4.689144	4.979148	4.762406

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035

Sample Name: CCV01 Acquired: 6/5/2025 16:50:22 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v91) 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	**4.815082**	**4.714623**	**4.955592**
Stddev	.014544	.008328	.034836
%RSD	.3020497	.1766521	.7029730
#1	4.799757	4.714729	4.993853
#2	4.816796	4.706242	4.925707
#3	4.828693	4.722898	4.947216

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2905.764**	**60872.52**	**9059.536**	**2630.779**	**3820.522**
Stddev	7.773	91.38	35.312	13.442	10.128
%RSD	.2675085	.1501248	.3897806	.5109608	.2650956
#1	2909.891	60828.20	9031.525	2640.265	3824.616
#2	2910.604	60977.61	9099.202	2636.676	3827.963
#3	2896.798	60811.74	9047.879	2615.396	3808.988

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035

Sample Name: CCB01 Acquired: 6/5/2025 16:54:35 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v91) 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	.0021764	-.000681	.0004656	.0063683	.0012034	-.000514	-.003439
Stddev	.0020885	.000786	.0003509	.0032907	.0004583	.000980	.000925
%RSD	95.96336	115.4170	75.35747	51.67282	38.08655	190.4705	26.90848
#1	.0040394	-.001121	.0003262	.0101275	.0016798	.000580	-.003937
#2	.0025710	.000226	.0002058	.0040089	.0011647	-.001311	-.004009
#3	-.000081	-.001147	.0008647	.0049686	.0007656	-.000812	-.002371

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000392	.0000739	-.001131	.0008172	-.000043	-.000107	.0001391
Stddev	.0000191	.0000812	.004503	.0001589	.000303	.000149	.0012437
%RSD	48.85285	109.9013	398.2596	19.44242	709.3264	138.5446	894.1841
#1	.0000177	.0000791	.003323	.0006571	-.000382	-.000236	.0015743
#2	.0000543	-.000010	-.001033	.0009748	.000054	-.000141	-.000624
#3	.0000456	.000152	-.005682	.0008197	.000200	.000055	-.000533

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000602	.0415595	-.000191	-.000056	-.045761	-.000299	.0012723
Stddev	.0002466	.0039104	.000207	.000104	.006182	.001460	.0004542
%RSD	409.3223	9.409135	108.2814	186.9297	13.50949	487.9059	35.69940
#1	-.000094	.0413237	-.000045	.000033	-.039159	-.001592	.0007612
#2	.000345	.0377723	-.000100	-.000030	-.046708	.001284	.0014262
#3	-.000070	.0455824	-.000427	-.000170	-.051414	-.000590	.0016296

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0347284	.0057700	.0006557	.0007118	.0008522	.0036736	-.003401
Stddev	.0304488	.0009589	.0002419	.0004794	.0006539	.0019753	.000718
%RSD	87.67703	16.61921	36.89762	67.34421	76.72657	53.77000	21.10838
#1	.0626891	.0061230	.0009348	.0005357	.0012591	.0016031	-.004225
#2	.0022878	.0065024	.0005053	.0003454	.0011996	.0055374	-.003069
#3	.0392082	.0046846	.0005270	.0012543	.0000980	.0038803	-.002909

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035

Sample Name: CCB01 Acquired: 6/5/2025 16:54:35 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v91) 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	-.002318	.0008029	.0000301
Stddev	.000259	.0005857	.0000337
%RSD	11.17189	72.95443	111.9874
#1	-.002617	.0001342	.0000210
#2	-.002184	.0010493	.0000673
#3	-.002154	.0012251	.0000019

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2968.424	62162.50	9622.143	2688.839	4048.542
Stddev	10.211	231.60	34.576	8.706	12.538
%RSD	.3439720	.3725712	.3593405	.3237870	.3096950
#1	2970.666	62425.95	9595.619	2698.714	4054.330
#2	2977.327	61990.97	9609.562	2682.269	4057.141
#3	2957.279	62070.59	9661.248	2685.534	4034.156

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035

Sample Name: Q2205-01 Acquired: 6/5/2025 16:59:44 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v91) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Q2205-01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0019141**	**-.005592**	**.0675434**	**.0082308**	**.0003350**	**4.073180**
Stddev	.0007576	.000738	.0005299	.0030748	.0011012	.013782
%RSD	39.57836	13.20521	.7846063	37.35738	328.6699	.3383616
#1	.0025597	-.006041	.0671676	.0046893	-.000155	4.075555
#2	.0010801	-.004740	.0673130	.0102197	-.000436	4.085621
#3	.0021026	-.005996	.0681495	.0097836	.001596	4.058365

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1080364**	**.0001720**	**.0004789**	**134.5959**	**.0165374**	**.0050616**
Stddev	.0000850	.0000614	.0000829	.5114	.0003160	.0001859
%RSD	.0786329	35.67930	17.30795	.3799496	1.910812	3.673023
#1	.1079438	.0001705	.0003959	134.2005	.0164074	.0052680
#2	.1081108	.0001114	.0004792	134.4138	.0168977	.0049073
#3	.1080546	.0002341	.0005616	135.1734	.0163072	.0050095

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0748025**	**19.40362**	**.5671917**	**20.68305**	**.0247781**	**.0020221**
Stddev	.0000944	.07553	.0004478	.12351	.0003704	.0003894
%RSD	.1262026	.3892703	.0789418	.5971579	1.495060	19.25849
#1	.0749093	19.32420	.5667410	20.59408	.0245604	.0016733
#2	.0747678	19.47455	.5676364	20.63099	.0245681	.0019508
#3	.0747303	19.41211	.5671977	20.82406	.0252059	.0024423

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**86.60276**	**.0110132**	**.5168109**	**16.19002**	**.1330427**	**.0059182**
Stddev	.46130	.0006402	.0015018	.13781	.0020408	.0002643
%RSD	.5326584	5.812898	.2905878	.8512272	1.533942	4.465286
#1	86.57780	.0104850	.5185433	16.21335	.1308238	.0058185
#2	87.07603	.0117252	.5158783	16.31467	.1348394	.0062178
#3	86.15445	.0108295	.5160111	16.04202	.1334649	.0057183

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035

Sample Name: Q2205-01 Acquired: 6/5/2025 16:59:44 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v91) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Q2205-01 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2207492**	**.1845626**	F **19.85996**	**3.431082**	**6.137918**	**-.001905**
Stddev	.0014840	.0009501	.10183	.011589	.021156	.000509
%RSD	.6722540	.5147919	.5127369	.3377708	.3446822	26.70778
#1	.2200869	.1852381	19.75188	3.417896	6.161276	-.001678
#2	.2197117	.1849736	19.95410	3.439650	6.132435	-.001550
#3	.2224490	.1834762	19.87390	3.435700	6.120043	-.002488

Elem	Sr4077
Units	ppm
Avg	**.4543144**
Stddev	.0005342
%RSD	.1175929
#1	.4546608
#2	.4545832
#3	.4536992

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2925.008**	**60649.56**	**9964.066**	**2636.523**	**3803.035**
Stddev	8.497	336.59	27.590	19.533	4.330
%RSD	.2904956	.5549682	.2768906	.7408469	.1138623
#1	2917.011	60646.82	9941.608	2634.186	3802.025
#2	2933.929	60314.36	9955.727	2618.264	3807.781
#3	2924.082	60987.51	9994.863	2657.119	3799.300

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035

Sample Name: Q2205-02 Acquired: 6/5/2025 17:03:56 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v91) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Q2205-02 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0011512**	**-.003188**	**.0618953**	**.0078027**	**.0028418**	**3.662151**
Stddev	.0013548	.001516	.0004122	.0016639	.0016339	.008531
%RSD	117.6910	47.54934	.6660099	21.32464	57.49546	.2329436
#1	.0013612	-.001830	.0615798	.0058842	.0010515	3.670180
#2	-.000296	-.004824	.0623617	.0088522	.0032212	3.663079
#3	.002389	-.002912	.0617443	.0086717	.0042525	3.653194

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1004984**	**.0002065**	**.0004274**	**128.5699**	**.0144744**	**.0040915**
Stddev	.0011234	.0000664	.0002292	.1974	.0008296	.0002517
%RSD	1.117855	32.16796	53.62411	.1535727	5.731475	6.151885
#1	.1004206	.0001817	.0003403	128.3425	.0141733	.0041477
#2	.0994159	.0001560	.0002546	128.6979	.0138374	.0038165
#3	.1016587	.0002817	.0006875	128.6694	.0154125	.0043104

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0640650**	**17.03704**	**.5207044**	**21.57577**	**.0237042**	**.0014931**
Stddev	.0003250	.57776	.0020649	.06322	.0003877	.0004495
%RSD	.5072118	3.391208	.3965529	.2929917	1.635573	30.10593
#1	.0637956	17.42914	.5185139	21.51538	.0237074	.0010363
#2	.0644259	17.30842	.5226150	21.57046	.0240903	.0015081
#3	.0639735	16.37355	.5209844	21.64147	.0233149	.0019350

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**83.82446**	**.0105008**	**.4779623**	**14.14579**	**.1309972**	**.0053446**
Stddev	3.03252	.0007586	.0034741	.50362	.0040419	.0001135
%RSD	3.617708	7.224394	.7268551	3.560182	3.085516	2.123549
#1	85.99448	.0096248	.4818573	14.47424	.1295784	.0053393
#2	85.11947	.0109309	.4768463	14.39715	.1278559	.0052338
#3	80.35944	.0109466	.4751834	13.56597	.1355572	.0054606

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035

Sample Name: Q2205-02 Acquired: 6/5/2025 17:03:56 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v91) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Q2205-02 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000374	.1657146	F 18.62441	3.198336	6.018386	-.002454
Stddev	.000573	.0009029	.62260	.008602	.006439	.000722
%RSD	153.4187	.5448709	3.342898	.2689406	.1069932	29.41589
#1	.000138	.1652449	19.06139	3.199190	6.022479	-.002214
#2	-.000266	.1667556	18.90030	3.189340	6.021715	-.001883
#3	-.000993	.1651434	17.91154	3.206479	6.010964	-.003265

Elem	Sr4077
Units	ppm
Avg	.4284179
Stddev	.0006335
%RSD	.1478674
#1	.4280751
#2	.4291489
#3	.4280297

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2972.128	62836.74	9752.752	2838.547	3870.378
Stddev	9.467	2305.87	22.857	262.545	10.296
%RSD	.3185274	3.669621	.2343661	9.249260	.2660112
#1	2973.609	61216.92	9745.380	2670.899	3864.910
#2	2980.767	61816.57	9734.490	2703.624	3882.254
#3	2962.007	65476.72	9778.385	3141.118	3863.970

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035

Sample Name: Q2172-01 Acquired: 6/5/2025 17:08:08 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v91) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Q2148-02 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1632810**	**-.055959**	**.1544456**	**.0048927**	**.0017148**	**197.4214**	**.4874408**
Stddev	.0013724	.002939	.0036358	.0093076	.0011442	13.6662	.0076057
%RSD	.8405363	5.251888	2.354089	190.2327	66.72316	6.922344	1.560341
#1	.1617473	-.057326	.1542246	-.002630	.0028402	213.1462	.4958851
#2	.1643935	-.057965	.1509253	.002006	.0017513	188.4138	.4811286
#3	.1637021	-.052585	.1581868	.015302	.0005528	190.7041	.4853088

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0165105**	**.0283327**	**7.748054**	**.2343659**	**.3330391**	**.4759691**	**605.4752**
Stddev	.0013375	.0033527	.050490	.0051593	.0048006	.0079147	17.1019
%RSD	8.100821	11.83326	.6516448	2.201392	1.441459	1.662870	2.824545
#1	.0180436	.0314469	7.699142	.2401795	.3300607	.4773165	585.8691
#2	.0159055	.0287674	7.745034	.2325863	.3304794	.4674671	613.2352
#3	.0155825	.0247839	7.799986	.2303320	.3385771	.4831236	617.3214

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**3.995860**	**8.243446**	**.2370881**	**.0227698**	**.9186093**	**.4438497**	**.3050293**
Stddev	.110921	.482700	.0037748	.0065900	.0520120	.0114888	.0014519
%RSD	2.775887	5.855556	1.592140	28.94205	5.662038	2.588448	.4759733
#1	4.116999	8.784260	.2368755	.0152110	.8607929	.4564607	.3066679
#2	3.899271	7.856254	.2334240	.0257892	.9334394	.4339785	.3045167
#3	3.971311	8.089823	.2409646	.0273091	.9615957	.4411099	.3039033

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.291087**	**.8801132**	**-.000419**	**.0193426**	**2.144651**	**11.17489**	**9.786657**
Stddev	.120298	.1083226	.000066	.0009448	.032543	.37956	.236209
%RSD	2.803435	12.30781	15.77305	4.884584	1.517416	3.396523	2.413586
#1	4.161937	.7553167	-.000376	.0188826	2.177942	10.78762	9.709703
#2	4.311372	.9352196	-.000495	.0187159	2.112911	11.19083	9.598520
#3	4.399953	.9498033	-.000386	.0204293	2.143098	11.54623	10.05175

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035

Sample Name: Q2172-01 Acquired: 6/5/2025 17:08:08 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v91) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Q2148-02 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.887037	.2974926	-.565747
Stddev	.039061	.0071064	.016656
%RSD	2.069983	2.388766	2.944067
#1	1.876702	.2893970	-.546643
#2	1.854183	.3003799	-.573373
#3	1.930227	.3027009	-.577225

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4000.661	81912.09	12628.50	3663.753	3947.166
Stddev	180.720	768.90	729.66	83.750	115.118
%RSD	4.517248	.9386862	5.777895	2.285900	2.916470
#1	3953.766	82216.34	11789.25	3725.964	3923.388
#2	3848.012	82482.30	13112.55	3696.768	3845.794
#3	4200.206	81037.62	12983.71	3568.527	4072.317

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035

Sample Name: Q2172-01DUP Acquired: 6/5/2025 17:12:32 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v91) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Q2148-02DUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1675464	-.060410	.1240452	.0158010	-.000557	192.0104	.4914886
Stddev	.0005355	.001308	.0032303	.0082939	.001103	1.2709	.0027709
%RSD	.3196037	2.165367	2.604176	52.48931	197.8637	.6618769	.5637798
#1	.1677888	-.060839	.1203285	.0253706	-.001500	190.7842	.4936162
#2	.1669325	-.061449	.1256295	.0106908	.000656	191.9255	.4883553
#3	.1679178	-.058941	.1261775	.0113418	-.000828	193.3217	.4924943

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0167779	.0247173	7.639439	.2388609	.3334686	.4524465	636.8599
Stddev	.0011250	.0037815	.160567	.0118901	.0023822	.0082992	24.2803
%RSD	6.705480	15.29921	2.101821	4.977818	.7143735	1.834284	3.812501
#1	.0164127	.0204509	7.807611	.2341204	.3336969	.4428636	664.7072
#2	.0180402	.0260450	7.487747	.2523900	.3357285	.4572724	625.7518
#3	.0158809	.0276560	7.622959	.2300724	.3309805	.4572036	620.1206

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.899584	7.555090	.2360671	.0297510	.9251928	.4340411	.2899698
Stddev	.056703	.272758	.0011668	.0077131	.0269473	.0048259	.0051449
%RSD	1.454076	3.610257	.4942592	25.92558	2.912613	1.111863	1.774300
#1	3.850362	7.315876	.2353218	.0384943	.9301237	.4294007	.2876692
#2	3.961586	7.852122	.2374118	.0239104	.8961206	.4390333	.2863766
#3	3.886803	7.497271	.2354679	.0268482	.9493341	.4336893	.2958636

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.431691	.9796125	-.000491	.0191105	2.160340	12.99721	9.746434
Stddev	.138187	.0777958	.000343	.0007441	.002203	.22725	.097285
%RSD	3.118154	7.941484	69.72964	3.893746	.1019514	1.748467	.9981617
#1	4.467795	1.065931	-.000339	.0190799	2.161466	12.88971	9.784789
#2	4.279036	.914912	-.000251	.0183821	2.157802	12.84366	9.818696
#3	4.548242	.957994	-.000884	.0198694	2.161752	13.25827	9.635818

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035

Sample Name: Q2172-01DUP Acquired: 6/5/2025 17:12:32 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v91) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Q2148-02DUP Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.857863	.3108553	-.596653
Stddev	.016233	.0103649	.023369
%RSD	.8737228	3.334325	3.916666
#1	1.845955	.3228235	-.623443
#2	1.876353	.3049398	-.586053
#3	1.851281	.3048028	-.580463

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3913.649	81291.70	13099.93	3762.561	3879.228
Stddev	51.802	2242.45	67.37	275.359	24.575
%RSD	1.323616	2.758521	.5142763	7.318399	.6335030
#1	3902.851	80629.62	13031.90	3697.160	3869.897
#2	3969.999	83790.65	13166.62	4064.732	3907.102
#3	3868.098	79454.83	13101.28	3525.789	3860.686

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035

Sample Name: Q2172-01LX5 Acquired: 6/5/2025 17:16:55 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v91) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Q2148-02LX5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0403091	-.008861	.0309839	.0087440	-.000177	44.01414	.1114334
Stddev	.0019563	.000596	.0011806	.0062622	.000193	.01221	.0003325
%RSD	4.853258	6.721909	3.810477	71.61734	109.4232	.0277332	.2983916
#1	.0402457	-.009304	.0322934	.0150532	-.000152	44.02339	.1112748
#2	.0383853	-.009095	.0306574	.0086490	.000003	44.01873	.1118155
#3	.0422963	-.008184	.0300008	.0025298	-.000381	44.00031	.1112098

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0033681	-.000818	1.834553	.0526745	.0624175	.1099456	153.1453
Stddev	.0000254	.000120	.011527	.0003221	.0002758	.0006504	.6890
%RSD	.7557097	14.64042	.6283094	.6114403	.4419039	.5915461	.4499008
#1	.0033552	-.000844	1.831717	.0529741	.0624098	.1105415	152.3939
#2	.0033517	-.000922	1.847233	.0527155	.0621456	.1100434	153.7474
#3	.0033974	-.000687	1.824709	.0523339	.0626971	.1092518	153.2948

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9121695	1.827488	.0453613	.0086447	.1974228	.1011465	.0750933
Stddev	.0013528	.025468	.0003314	.0006303	.0039272	.0013414	.0003868
%RSD	.1483063	1.393629	.7305851	7.291550	1.989235	1.326182	.5150624
#1	.9108729	1.798178	.0452144	.0080945	.1992403	.0996290	.0746923
#2	.9135722	1.844218	.0457408	.0085072	.1929161	.1021741	.0754641
#3	.9120635	1.840069	.0451287	.0093324	.2001121	.1016363	.0751234

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.040955	.2570405	-.000495	.0031341	.4947967	2.169288	1.793925
Stddev	.026989	.0018489	.000191	.0007220	.0022754	.010630	.000692
%RSD	2.592727	.7193153	38.58609	23.03682	.4598622	.4900060	.0385882
#1	1.010237	.2555522	-.000279	.0037900	.4944602	2.161089	1.794721
#2	1.060864	.2591103	-.000643	.0032517	.4927083	2.181298	1.793588
#3	1.051765	.2564591	-.000563	.0023605	.4972215	2.165477	1.793466

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035

Sample Name: Q2172-01LX5 Acquired: 6/5/2025 17:16:55 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v91) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Q2148-02LX5 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3400346	.0751605	-.143171
Stddev	.0057452	.0001521	.000660
%RSD	1.689599	.2023441	.4606536
#1	.3350630	.0752303	-.142459
#2	.3463244	.0752651	-.143761
#3	.3387164	.0749860	-.143293

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3155.944	66419.44	11112.66	2852.456	4020.839
Stddev	2.733	113.88	20.53	11.973	4.699
%RSD	.0865978	.1714531	.1847603	.4197545	.1168751
#1	3153.613	66431.18	11089.61	2855.122	4018.833
#2	3158.952	66300.15	11128.99	2839.375	4026.209
#3	3155.268	66526.99	11119.38	2862.872	4017.476

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035

Sample Name: Q2172-01A Acquired: 6/5/2025 17:29:17 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v91) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Q2148-02A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.7011001**	**1.711408**	**.9938041**	**1.332469**	**.5457829**	**195.3309**
Stddev	.0187045	.053690	.0286707	.046603	.0235023	1.2878
%RSD	2.667880	3.137205	2.884949	3.497488	4.306169	.6592881
#1	.6872443	1.687134	.9853471	1.301094	.5218767	194.9283
#2	.6936798	1.674142	.9703131	1.310294	.5466128	194.2924
#3	.7223762	1.772949	1.025752	1.386018	.5688593	196.7718

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.6089503**	**.1353580**	**.2076784**	**8.186602**	**.4970162**	**.5098326**
Stddev	.0036800	.0048760	.0064365	.132557	.0124552	.0058918
%RSD	.6043144	3.602313	3.099254	1.619193	2.505986	1.155635
#1	.6052835	.1320890	.2023127	8.094861	.4837041	.5104904
#2	.6089239	.1330226	.2059076	8.126365	.4989585	.5036394
#3	.6126434	.1409625	.2148149	8.338581	.5083862	.5153678

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.6555422**	**601.7182**	**4.031515**	**9.111809**	**.6883801**	**.0750373**
Stddev	.0076399	14.4292	.076465	.453476	.0143482	.0051787
%RSD	1.165439	2.398008	1.896673	4.976792	2.084343	6.901443
#1	.6550592	617.6917	4.115950	9.610244	.6821734	.0808529
#2	.6481552	589.6280	4.011657	9.001561	.6781800	.0709242
#3	.6634122	597.8349	3.966939	8.723622	.7047867	.0733348

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.869027**	**.6182684**	**.4060252**	**10.97149**	**1.043987**	**.2885931**
Stddev	.036553	.0051166	.0044553	.19879	.044067	.0122493
%RSD	1.274071	.8275709	1.097302	1.811844	4.221044	4.244475
#1	2.868624	.6239396	.4077863	11.09229	1.094859	.2767829
#2	2.905780	.6168670	.4093308	11.08013	1.019529	.2877578
#3	2.832676	.6139984	.4009585	10.74206	1.017573	.3012386

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035

Sample Name: Q2172-01A Acquired: 6/5/2025 17:29:17 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v91) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Q2148-02A Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6728055	2.346758	F 17.12741	14.92879	1.834454	.4172546
Stddev	.0228152	.001832	.56387	.23665	.028727	.0059041
%RSD	3.391060	.0780461	3.292180	1.585224	1.565985	1.414985
#1	.6644423	2.344672	17.60431	15.11498	1.866710	.4189715
#2	.6553521	2.348101	17.27285	14.66247	1.811624	.4106824
#3	.6986223	2.347502	16.50507	15.00890	1.825027	.4221099

Elem	Sr4077
Units	ppm
Avg	-.439327
Stddev	.015166
%RSD	3.452147
#1	-.456577
#2	-.428087
#3	-.433318

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4110.940	82800.46	12805.03	3675.920	4038.165
Stddev	76.618	1636.29	117.26	170.117	38.684
%RSD	1.863767	1.976183	.9157452	4.627885	.9579712
#1	4196.675	81498.28	12677.81	3529.310	4079.741
#2	4049.165	82265.94	12908.78	3636.003	4003.233
#3	4086.980	84637.17	12828.50	3862.446	4031.521

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035

Sample Name: Q2203-1 Acquired: 6/5/2025 17:33:28 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v91) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Q2203-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0049820**	**-.005874**	**.1378999**	**.0063351**	**.0066602**	**8.587995**
Stddev	.0026193	.000948	.0003868	.0043477	.0016404	.010435
%RSD	52.57399	16.14542	.2805135	68.62985	24.63014	.1215109
#1	.0033538	-.005238	.1383460	.0014546	.0048309	8.598849
#2	.0080034	-.005421	.1376574	.0097944	.0080006	8.578036
#3	.0035888	-.006964	.1376962	.0077562	.0071491	8.587100

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2202762**	**.0005650**	**.0009687**	**224.5439**	**.0315209**	**.0101586**
Stddev	.0003043	.0000601	.0000878	.3549	.0006839	.0000631
%RSD	.1381218	10.62873	9.058906	.1580346	2.169782	.6211243
#1	.2202510	.0004962	.0009389	224.2334	.0308506	.0102259
#2	.2199853	.0005922	.0010675	224.9307	.0314944	.0101489
#3	.2205922	.0006067	.0008997	224.4675	.0322177	.0101009

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1415686**	**38.10480**	**1.066009**	**24.24064**	**.0299422**	**.0026287**
Stddev	.0006312	.15821	.003508	.04677	.0004535	.0002409
%RSD	.4458443	.4151952	.3290333	.1929544	1.514479	9.165799
#1	.1413398	37.93015	1.063354	24.19452	.0301512	.0026312
#2	.1410837	38.14572	1.069985	24.23937	.0302534	.0028684
#3	.1422823	38.23853	1.064688	24.28804	.0294219	.0023865

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**71.07533**	**.0225672**	**1.163423**	**26.95226**	**.1776475**	**.0105666**
Stddev	.26597	.0018750	.006462	.08684	.0001833	.0003655
%RSD	.3742133	8.308703	.5554568	.3221898	.1031668	3.458570
#1	70.77819	.0204662	1.160920	26.85236	.1774525	.0106257
#2	71.15664	.0240705	1.158587	26.99470	.1778163	.0108989
#3	71.29115	.0231649	1.170762	27.00971	.1776736	.0101752

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035

Sample Name: Q2203-1 Acquired: 6/5/2025 17:33:28 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v91) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Q2203-1 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001061	.3785338	F 26.19035	5.635463	6.287729	.0030469
Stddev	.001521	.0033847	.14047	.011938	.006722	.0009348
%RSD	143.3280	.8941588	.5363250	.2118456	.1069016	30.68067
#1	-.000279	.3786633	26.02851	5.649161	6.285080	.0026657
#2	-.002815	.3818519	26.26197	5.627268	6.282735	.0041121
#3	-.000091	.3750863	26.28057	5.629962	6.295371	.0023629

Elem	Sr4077
Units	ppm
Avg	.6671528
Stddev	.0008037
%RSD	.1204652
#1	.6663618
#2	.6679686
#3	.6671279

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2874.243	59054.57	9745.443	2520.878	3750.700
Stddev	34.349	237.22	15.670	17.721	33.544
%RSD	1.195049	.4016910	.1607884	.7029843	.8943422
#1	2899.930	59314.35	9761.540	2538.187	3775.895
#2	2887.572	58999.88	9744.550	2521.675	3763.579
#3	2835.228	58849.47	9730.239	2502.771	3712.625

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035

Sample Name: Q2172-01MS Acquired: 6/5/2025 17:37:38 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v91) 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	**.8256222**	**2.048144**	**1.177690**	**1.615661**	**.6652440**	**191.9386**
Stddev	.0013508	.025909	.031581	.007352	.0104318	2.1945
%RSD	.1636069	1.264982	2.681646	.4550292	1.568119	1.143329
#1	.8271679	2.038932	1.168657	1.624144	.6703322	193.5982
#2	.8246685	2.028101	1.151610	1.611123	.6721554	189.4504
#3	.8250303	2.077400	1.212804	1.611718	.6532445	192.7672

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.6504934**	**.1653718**	**.2435941**	**8.342666**	**.5754956**	**.5512776**
Stddev	.0034494	.0013969	.0050524	.045162	.0060467	.0084574
%RSD	.5302718	.8447043	2.074109	.5413410	1.050694	1.534149
#1	.6479099	.1665329	.2429641	8.376070	.5818130	.5462265
#2	.6491598	.1638216	.2388862	8.291283	.5749118	.5465648
#3	.6544104	.1657609	.2489319	8.360644	.5697619	.5610414

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.6915787**	**628.1121**	**4.039016**	**9.197938**	**.7870387**	**.0960395**
Stddev	.0081826	7.4398	.076808	.325112	.0161386	.0025382
%RSD	1.183179	1.184469	1.901640	3.534623	2.050544	2.642839
#1	.6964277	619.5640	4.080094	9.267601	.7810962	.0931897
#2	.6821314	631.6457	3.950405	8.843641	.7747139	.0968720
#3	.6961771	633.1265	4.086549	9.482573	.8053060	.0980569

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**3.635930**	**.6707469**	**.4497982**	**13.52607**	**1.202811**	**.3489343**
Stddev	.032628	.0098324	.0020527	.06069	.025743	.0030493
%RSD	.8973672	1.465885	.4563514	.4486838	2.140203	.8738950
#1	3.599617	.6725933	.4521021	13.45601	1.173127	.3497488
#2	3.662780	.6601221	.4481642	13.55975	1.219005	.3514936
#3	3.645394	.6795251	.4491283	13.56245	1.216300	.3455604

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035

Sample Name: Q2172-01MS Acquired: 6/5/2025 17:37:38 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v91) 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	.8148316	2.357411	F 17.56931	16.02559	1.838558	.4620266
Stddev	.0224498	.018523	.16254	.32110	.030061	.0057867
%RSD	2.755151	.7857173	.9251576	2.003675	1.635056	1.252450
#1	.8076281	2.361323	17.73062	16.00117	1.827099	.4554053
#2	.7968677	2.337245	17.40556	15.71740	1.815910	.4661141
#3	.8399990	2.373665	17.57174	16.35821	1.872663	.4645606

Elem	Sr4077
Units	ppm
Avg	-.429006
Stddev	.005553
%RSD	1.294329
#1	-.422596
#2	-.432057
#3	-.432364

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4059.468	80008.23	13233.39	3554.942	3987.971
Stddev	209.542	162.61	118.31	23.494	135.604
%RSD	5.161809	.2032415	.8940128	.6608788	3.400337
#1	3958.739	80012.47	13257.00	3575.095	3928.407
#2	3919.313	79843.54	13338.11	3560.593	3892.343
#3	4300.353	80168.68	13105.05	3529.138	4143.163

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035

Sample Name: Q2172-01MSD Acquired: 6/5/2025 17:41:53 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v91) 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	.7558469	1.772690	1.033001	1.441045	.5928906	194.1596
Stddev	.0236576	.054448	.022608	.064834	.0325410	.6782
%RSD	3.129944	3.071511	2.188573	4.499063	5.488528	.3492958
#1	.7331662	1.722992	1.015041	1.370766	.5581433	193.9185
#2	.7540012	1.764188	1.025574	1.453846	.5978794	193.6348
#3	.7803732	1.830889	1.058389	1.498524	.6226490	194.9254

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6094508	.1353703	.2136836	8.149717	.5054336	.5204977
Stddev	.0050981	.0039447	.0048366	.070326	.0085913	.0028212
%RSD	.8365058	2.913978	2.263443	.8629213	1.699785	.5420167
#1	.6035820	.1345746	.2089709	8.086857	.5007250	.5201196
#2	.6119868	.1318842	.2134447	8.225668	.5002260	.5178846
#3	.6127835	.1396522	.2186353	8.136625	.5153498	.5234888

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6499055	643.6444	4.041220	8.942085	.7160375	.0873252
Stddev	.0049202	6.2279	.043814	.220077	.0094950	.0024870
%RSD	.7570615	.9676071	1.084166	2.461139	1.326045	2.847933
#1	.6442510	643.6170	4.011377	8.799318	.7088056	.0866169
#2	.6522549	637.4303	4.020763	8.831405	.7125170	.0852692
#3	.6532107	649.8861	4.091521	9.195532	.7267899	.0900894

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.955680	.6111765	.4190477	11.37817	1.208925	.3084019
Stddev	.103188	.0095212	.0062855	.39373	.015490	.0153060
%RSD	3.491180	1.557853	1.499954	3.460427	1.281316	4.963014
#1	2.838073	.6031791	.4133907	10.92586	1.197208	.2920060
#2	3.031044	.6086418	.4258141	11.64421	1.203079	.3108855
#3	2.997923	.6217086	.4179385	11.56444	1.226487	.3223143

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035

Sample Name: Q2172-01MSD Acquired: 6/5/2025 17:41:53 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v91) 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	**.6945647**	**2.392257**	F **20.39410**	**14.84948**	**1.788139**	**.4249010**
Stddev	.0164059	.013052	.38222	.12123	.030346	.0042451
%RSD	2.362043	.5456139	1.874152	.8163976	1.697062	.9990672
#1	.6816010	2.384634	20.06886	14.96311	1.820267	.4210438
#2	.6890837	2.384809	20.81509	14.72186	1.784189	.4242101
#3	.7130095	2.407329	20.29835	14.86347	1.759962	.4294491

Elem	Sr4077
Units	ppm
Avg	**-.487379**
Stddev	.005462
%RSD	1.120754
#1	-.491706
#2	-.481241
#3	-.489189

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3892.151**	**79041.61**	**13285.86**	**3549.650**	**3876.967**
Stddev	163.894	1495.50	27.40	123.320	106.676
%RSD	4.210877	1.892047	.2062204	3.474143	2.751534
#1	4080.819	80041.10	13270.86	3624.225	3999.017
#2	3810.641	77322.31	13317.48	3407.307	3830.351
#3	3784.994	79761.40	13269.23	3617.419	3801.532

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035

Sample Name: CCV02 Acquired: 6/5/2025 17:46:07 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v91) 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	**4.955479**	**5.009719**	**4.872296**	**5.028538**	**5.054101**	**9.472649**	**9.458755**
Stddev	.013584	.013938	.007035	.019136	.003227	.023940	.053293
%RSD	.2741286	.2782164	.1443955	.3805420	.0638451	.2527289	.5634282
#1	4.957765	4.995325	4.866200	5.043138	5.054028	9.446324	9.504429
#2	4.940897	5.010681	4.870693	5.006875	5.050910	9.478504	9.400203
#3	4.967775	5.023151	4.879995	5.035603	5.057363	9.493118	9.471632

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2283806**	**2.447684**	**23.58490**	**.9998531**	**2.448055**	**1.261609**	**5.144797**
Stddev	.0005020	.005261	.05470	.0038914	.005771	.002767	.009919
%RSD	.2198096	.2149182	.2319186	.3892014	.2357391	.2193293	.1928012
#1	.2284038	2.443578	23.52817	1.001480	2.443276	1.262536	5.144855
#2	.2278674	2.445861	23.58923	1.002667	2.446421	1.258497	5.154688
#3	.2288706	2.453614	23.63731	.995412	2.454466	1.263793	5.134850

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.341039**	**23.36895**	**2.444183**	**1.243721**	**25.88370**	**2.378445**	**2.491747**
Stddev	.008894	.06982	.005851	.004431	.08477	.004050	.006407
%RSD	.3799239	.2987661	.2393904	.3562392	.3274986	.1702819	.2571103
#1	2.335886	23.34816	2.439410	1.248837	25.84668	2.375123	2.498079
#2	2.335921	23.31189	2.442427	1.241209	25.98068	2.377256	2.491891
#3	2.351309	23.44681	2.450711	1.241118	25.82374	2.382957	2.485269

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**25.38838**	**4.547220**	**5.057298**	**4.909208**	**4.711585**	**5.228488**	**4.670554**
Stddev	.06078	.007252	.007725	.018589	.013749	.017936	.012137
%RSD	.2393909	.1594714	.1527529	.3786498	.2918048	.3430464	.2598592
#1	25.35113	4.546589	5.059738	4.895085	4.695713	5.221490	4.657042
#2	25.45852	4.540305	5.048647	4.902271	4.719211	5.248869	4.674090
#3	25.35550	4.554767	5.063508	4.930268	4.719830	5.215106	4.680530

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035

Sample Name: CCV02 Acquired: 6/5/2025 17:46:07 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v91) 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	**4.737392**	**4.665019**	**4.905653**
Stddev	.009181	.023811	.013841
%RSD	.1937937	.5104245	.2821395
#1	4.728810	4.637797	4.906800
#2	4.736294	4.675283	4.891274
#3	4.747073	4.681977	4.918885

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2845.051**	**59596.99**	**9378.577**	**2540.589**	**3774.529**
Stddev	2.229	95.42	25.765	2.581	7.331
%RSD	.0783300	.1601107	.2747253	.1016034	.1942168
#1	2845.752	59561.06	9395.975	2537.834	3782.721
#2	2846.846	59524.74	9390.778	2540.982	3772.280
#3	2842.557	59705.16	9348.977	2542.951	3768.586

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035

Sample Name: CCB02 Acquired: 6/5/2025 17:50:34 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v91) 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	**.0026098**	**-.000387**	**.0003252**	**.0038690**	**.0000773**	**.0091825**	**-.004239**
Stddev	.0028612	.000671	.0016808	.0013378	.0013471	.0085713	.000438
%RSD	109.6347	173.2077	516.8904	34.57800	1742.798	93.34308	10.33501
#1	.0015616	-.001076	.0014536	.0025479	-.001437	-.000374	-.004536
#2	.0058473	-.000350	.0011284	.0052229	.001142	.016190	-.004445
#3	.0004205	.000264	-.001607	.0038363	.000527	.011731	-.003736

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0000433**	**.0002027**	**-.000405**	**.0007061**	**.0000762**	**-.000232**	**.0026146**
Stddev	.0001029	.0000518	.010367	.0003441	.0000100	.000268	.0031628
%RSD	237.9181	25.54259	2561.926	48.73817	13.17927	115.2667	120.9671
#1	.0001587	.0002542	.011524	.0003194	.0000716	-.000103	-.000985
#2	.0000098	.0002032	-.007240	.0009786	.0000692	-.000054	.004950
#3	-.000039	.0001507	-.005498	.0008203	.0000877	-.000540	.003879

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0003552**	**.0210808**	**.0001284**	**.0001316**	**-.039768**	**-.000132**	**.0023879**
Stddev	.0003596	.0147213	.0000436	.0003244	.002698	.000513	.0004078
%RSD	101.2525	69.83280	33.97835	246.4360	6.783541	388.2696	17.07661
#1	.0006368	.0129211	.0001662	.0004978	-.037520	-.000543	.0022441
#2	-.000050	.0122463	.0001385	.0000171	-.039025	-.000296	.0028481
#3	.000479	.0380750	.0000806	-.000120	-.042760	.000443	.0020716

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0532899**	**.0053398**	**.0009221**	**.0027315**	**.0005378**	**.0072404**	**-.005964**
Stddev	.0191820	.0004367	.0001697	.0006829	.0000612	.0049915	.002291
%RSD	35.99550	8.177674	18.40702	24.99872	11.38356	68.93905	38.40388
#1	.0352539	.0052375	.0011095	.0020831	.0004809	.0052082	-.003381
#2	.0734422	.0058185	.0007787	.0026673	.0005299	.0129274	-.006763
#3	.0511735	.0049634	.0008781	.0034442	.0006026	.0035856	-.007749

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035

Sample Name: CCB02 Acquired: 6/5/2025 17:50:34 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v91) 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	.0008474	-.000091	.0002312
Stddev	.0043485	.000779	.0000320
%RSD	513.1532	852.4307	13.85358
#1	.0012886	.000590	.0002301
#2	-.003705	-.000941	.0001998
#3	.004958	.000077	.0002638

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3274.330	60896.15	10192.08	2668.685	4349.836
Stddev	30.214	2100.36	48.61	109.817	31.785
%RSD	.9227545	3.449083	.4769781	4.115036	.7307064
#1	3252.515	61606.49	10137.39	2666.883	4324.083
#2	3261.659	58532.73	10230.38	2559.780	4340.067
#3	3308.817	62549.24	10208.46	2779.393	4385.359

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035

Sample Name: Q2203-04 Acquired: 6/5/2025 17:54:55 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v91) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Q2203-04 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0059510**	**-.005454**	**.1452223**	**.0058775**	**.0068223**	**9.244262**
Stddev	.0003729	.001115	.0014776	.0017044	.0004551	.080413
%RSD	6.265534	20.45030	1.017444	28.99963	6.670164	.8698642
#1	.0055843	-.006686	.1437095	.0039167	.0064959	9.154694
#2	.0063297	-.005164	.1452957	.0067104	.0066289	9.267850
#3	.0059389	-.004512	.1466618	.0070053	.0073421	9.310243

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2149608**	**.0005657**	**.0014738**	**214.4629**	**.0331908**	**.0104483**
Stddev	.0016044	.0001231	.0000973	.7835	.0002181	.0003065
%RSD	.7463782	21.76262	6.600698	.3653396	.6569847	2.933278
#1	.2136238	.0004262	.0014674	214.0924	.0330343	.0101450
#2	.2145186	.0006594	.0013798	213.9333	.0330982	.0104421
#3	.2167399	.0006113	.0015741	215.3629	.0334399	.0107578

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1680664**	**36.13195**	**1.043542**	**23.66125**	**.0306005**	**.0026489**
Stddev	.0005502	.05302	.006647	.09331	.0001141	.0003604
%RSD	.3273837	.1467461	.6369274	.3943374	.3728196	13.60673
#1	.1686741	36.17227	1.037412	23.65781	.0307281	.0027083
#2	.1676021	36.07189	1.042609	23.56971	.0305083	.0022625
#3	.1679230	36.15170	1.050606	23.75623	.0305651	.0029760

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**64.26883**	**.0245946**	**1.025703**	**24.62386**	**.1679332**	**.0124952**
Stddev	.29595	.0006707	.002047	.08001	.0005402	.0001552
%RSD	.4604940	2.727116	.1995379	.3249412	.3216978	1.242158
#1	63.92995	.0246935	1.023349	24.56856	.1685454	.0126729
#2	64.40004	.0252104	1.026698	24.58741	.1675234	.0123867
#3	64.47649	.0238799	1.027063	24.71561	.1677308	.0124258

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035

Sample Name: Q2203-04 Acquired: 6/5/2025 17:54:55 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v91) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Q2203-04 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002533	.4218809	F 25.68335	5.576703	6.230295	.0046308
Stddev	.000609	.0052724	.05197	.026443	.024282	.0006249
%RSD	24.04398	1.249735	.2023446	.4741724	.3897341	13.49525
#1	-.001985	.4162045	25.62982	5.547150	6.204534	.0039168
#2	-.003189	.4228135	25.68661	5.584828	6.233588	.0048978
#3	-.002425	.4266248	25.73361	5.598130	6.252761	.0050780

Elem	Sr4077
Units	ppm
Avg	.6433034
Stddev	.0049524
%RSD	.7698421
#1	.6375874
#2	.6460143
#3	.6463085

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2782.520	62343.41	9716.200	2599.162	3667.812
Stddev	13.812	170.82	54.284	7.550	9.992
%RSD	.4963992	.2740009	.5587004	.2904865	.2724269
#1	2768.503	62506.06	9777.198	2599.390	3656.488
#2	2782.938	62165.45	9698.204	2591.500	3671.557
#3	2796.119	62358.72	9673.200	2606.595	3675.390

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035

Sample Name: Q2199-01 Acquired: 6/5/2025 17:59:04 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v91) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Q2199-01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0649101**	**-.015443**	**.8517378**	**.0141817**	**.0028724**	**109.1553**	**.6888982**
Stddev	.0028383	.000933	.0028548	.0046826	.0009232	.8791	.0055285
%RSD	4.372705	6.042535	.3351768	33.01880	32.14153	.8053536	.8025109
#1	.0633240	-.015154	.8512875	.0101030	.0038528	108.4176	.6830614
#2	.0632193	-.014689	.8547910	.0192952	.0020195	110.1280	.6940555
#3	.0681869	-.016487	.8491349	.0131470	.0027450	108.9202	.6895777

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0069994**	**.0063269**	**18.97311**	**.1720709**	**.0775685**	**.4713494**	**213.5804**
Stddev	.0000670	.0003208	.15516	.0017170	.0004897	.0017866	2.6493
%RSD	.9577317	5.070686	.8178113	.9978478	.6313266	.3790330	1.240433
#1	.0069472	.0066257	18.82838	.1705210	.0770790	.4693553	210.9394
#2	.0069761	.0059879	19.13694	.1739166	.0780584	.4718890	216.2380
#3	.0070750	.0063671	18.95402	.1717751	.0775680	.4728040	213.5639

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.515691**	**20.72030**	**.1642947**	**.0169969**	**2.232949**	**.2779973**	**1.741479**
Stddev	.040577	.22734	.0006677	.0003419	.023589	.0032801	.011418
%RSD	.8985707	1.097161	.4063935	2.011693	1.056396	1.179917	.6556274
#1	4.474854	20.48195	.1640283	.0167904	2.216470	.2742784	1.730657
#2	4.556002	20.93473	.1638012	.0173915	2.259970	.2804785	1.753411
#3	4.516217	20.74421	.1650544	.0168087	2.222407	.2792349	1.740369

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**6.276967**	**.3996817**	**.0034462**	**.0257013**	**1.961811**	**7.217133**	**8.260382**
Stddev	.045057	.0063426	.0004969	.0007083	.014162	.140912	.036065
%RSD	.7178155	1.586904	14.41840	2.755934	.7218905	1.952469	.4366042
#1	6.227901	.3940738	.0029808	.0260302	1.946714	7.081498	8.232242
#2	6.316484	.4065651	.0039695	.0261854	1.974803	7.362787	8.301037
#3	6.286517	.3984062	.0033882	.0248884	1.963915	7.207115	8.247866

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035

Sample Name: Q2199-01 Acquired: 6/5/2025 17:59:04 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v91) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Q2199-01 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.990278	.1666737	-.127913
Stddev	.016138	.0023693	.001962
%RSD	.8108605	1.421536	1.534242
#1	1.983311	.1645070	-.125896
#2	2.008729	.1692037	-.129816
#3	1.978794	.1663104	-.128028

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3312.267	69088.34	12457.02	2971.235	3740.357
Stddev	20.778	435.98	33.32	22.216	20.677
%RSD	.6273121	.6310439	.2674783	.7476945	.5527948
#1	3336.253	69485.00	12488.53	2995.906	3764.197
#2	3299.779	68621.55	12422.15	2952.811	3727.308
#3	3300.770	69158.47	12460.38	2964.989	3729.567

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035

Sample Name: Q2199-03 Acquired: 6/5/2025 18:03:09 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v91) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Q2199-03 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0607166	-.019510	.5474135	.0135214	.0032674	105.0217	.6241148
Stddev	.0030089	.002369	.0045749	.0054778	.0006837	.7165	.0062839
%RSD	4.955658	12.14099	.8357276	40.51241	20.92578	.6822193	1.006847
#1	.0637342	-.016779	.5423433	.0093308	.0036138	104.6285	.6190565
#2	.0606991	-.021005	.5486646	.0115134	.0024798	104.5878	.6221387
#3	.0577165	-.020745	.5512328	.0197199	.0037086	105.8487	.6311492

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0072843	.0068490	22.95514	.1988154	.1003971	.3937497	259.2338
Stddev	.0000308	.0000758	.10518	.0006631	.0004765	.0020314	.1819
%RSD	.4232594	1.107182	.4582021	.3335179	.4745932	.5159207	.0701577
#1	.0073119	.0069342	23.00960	.1984615	.0998470	.3920079	259.3404
#2	.0072901	.0067887	22.83389	.1995804	.1006631	.3959812	259.3371
#3	.0072510	.0068243	23.02192	.1984043	.1006812	.3932600	259.0238

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.812957	32.46352	.2148173	.0170479	3.929377	.3860089	1.186123
Stddev	.019350	.15611	.0016269	.0003591	.021579	.0027134	.004310
%RSD	.4020498	.4808643	.7573232	2.106484	.5491790	.7029268	.3633531
#1	4.813886	32.63400	.2129401	.0173781	3.907005	.3866175	1.191093
#2	4.793158	32.32758	.2156933	.0171000	3.931061	.3830429	1.183842
#3	4.831826	32.42898	.2158184	.0166656	3.950065	.3883662	1.183432

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.55418	.4559731	.0028083	.0184790	2.790925	4.905095	6.104594
Stddev	.05648	.0017106	.0005022	.0002720	.021419	.014054	.036957
%RSD	.5350990	.3751627	17.88248	1.471805	.7674406	.2865267	.6053997
#1	10.49104	.4553185	.0022298	.0187659	2.780487	4.909532	6.067030
#2	10.57159	.4579144	.0031331	.0184462	2.776726	4.916395	6.105841
#3	10.59989	.4546865	.0030618	.0182250	2.815562	4.889357	6.140913

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035

Sample Name: Q2199-03 Acquired: 6/5/2025 18:03:09 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v91) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Q2199-03 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.135277	.2518686	-.138572
Stddev	.008204	.0022920	.001036
%RSD	.7226130	.9100056	.7476177
#1	1.125919	.2505236	-.139238
#2	1.138683	.2505670	-.139099
#3	1.141230	.2545150	-.137378

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3195.452	66428.56	11375.23	2837.560	3722.221
Stddev	30.924	91.79	39.96	12.082	19.887
%RSD	.9677528	.1381815	.3512970	.4257800	.5342695
#1	3166.656	66379.50	11354.20	2824.228	3699.958
#2	3191.563	66371.73	11421.32	2847.784	3728.479
#3	3228.136	66534.46	11350.17	2840.669	3738.226

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035

Sample Name: Q2199-05 Acquired: 6/5/2025 18:07:13 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v91) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Q2199-05 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0561196	-.019952	.4983768	.0072050	.0006041	116.2425	.6925502
Stddev	.0008776	.001252	.0051351	.0003398	.0025200	.7246	.0036605
%RSD	1.563873	6.272651	1.030372	4.716834	417.1394	.6233195	.5285482
#1	.0565393	-.020991	.4930104	.0071574	.0009921	116.0419	.6926271
#2	.0567086	-.020302	.4988757	.0075661	-.002087	115.6393	.6888520
#3	.0551109	-.018563	.5032443	.0068914	.002908	117.0462	.6961717

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0084479	.0117871	23.51732	.2171399	.1125801	.4300193	257.9321
Stddev	.0002141	.0005791	.04136	.0043126	.0008986	.0019636	3.7317
%RSD	2.534773	4.912949	.1758795	1.986100	.7982249	.4566356	1.446794
#1	.0082179	.0112219	23.56494	.2123156	.1120834	.4285185	261.4227
#2	.0084846	.0117604	23.49670	.2184827	.1120394	.4292978	258.3749
#3	.0086414	.0123791	23.49033	.2206213	.1136174	.4322416	253.9987

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.857264	36.19802	.2352213	.0121561	3.870835	.4014886	1.107710
Stddev	.017816	.13706	.0009236	.0019391	.033520	.0029717	.005800
%RSD	.2598104	.3786529	.3926514	15.95213	.8659635	.7401667	.5236388
#1	6.874467	36.35626	.2351281	.0141824	3.901748	.4010119	1.104383
#2	6.838893	36.11643	.2343479	.0119682	3.875551	.3987841	1.114408
#3	6.858432	36.12137	.2361880	.0103177	3.835207	.4046698	1.104341

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.06087	.4017139	.0028052	.0295672	2.955803	4.423636	6.715662
Stddev	.14116	.0189158	.0002123	.0011523	.010410	.044280	.027649
%RSD	1.276189	4.708766	7.567791	3.897279	.3521755	1.000992	.4117130
#1	11.18389	.4200789	.0028830	.0288925	2.955529	4.444007	6.685220
#2	11.09196	.4027712	.0029676	.0289113	2.945533	4.454066	6.722549
#3	10.90676	.3822917	.0025650	.0308977	2.966346	4.372837	6.739217

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035

Sample Name: Q2199-05 Acquired: 6/5/2025 18:07:13 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v91) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Q2199-05 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.125307	.2634523	-.123782
Stddev	.008581	.0007372	.004355
%RSD	.7625885	.2798272	3.518233
#1	1.117176	.2641358	-.127305
#2	1.124467	.2626711	-.125128
#3	1.134277	.2635500	-.118913

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3282.442	72985.44	11315.76	3159.654	3785.517
Stddev	17.988	582.36	58.00	71.618	14.314
%RSD	.5480116	.7979125	.5126032	2.266645	.3781154
#1	3262.010	72538.03	11361.51	3090.068	3769.826
#2	3295.895	72774.39	11335.26	3155.749	3797.859
#3	3289.420	73643.90	11250.52	3233.145	3788.867

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035

Sample Name: Q2148-02 Acquired: 6/5/2025 19:05:39 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v91) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Q2172-01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.001084**	**-.002911**	**.0180248**	**.0061056**	**.0438535**	**1.165614**
Stddev	.000339	.000310	.0009739	.0016889	.0034961	.005124
%RSD	31.24586	10.66452	5.402905	27.66131	7.972325	.4396061
#1	-.001464	-.003165	.0184151	.0048410	.0411917	1.170010
#2	-.000977	-.002565	.0187430	.0054522	.0478129	1.159986
#3	-.000812	-.003004	.0169163	.0080235	.0425558	1.166847

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0599599**	**-.000159**	**.0024767**	**17.47101**	**.0126731**	**.0033924**
Stddev	.0007032	.000016	.0000608	.05200	.0006115	.0001883
%RSD	1.172790	10.17325	2.455940	.2976135	4.825498	5.550008
#1	.0592817	-.000144	.0024113	17.48129	.0130144	.0032229
#2	.0599125	-.000157	.0024875	17.41464	.0119671	.0033593
#3	.0606857	-.000176	.0025315	17.51709	.0130379	.0035950

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1981934**	**6.352633**	**.0815804**	**3.279396**	**.0265787**	**.0005848**
Stddev	.0005650	.010719	.0011304	.023139	.0003843	.0003267
%RSD	.2850695	.1687382	1.385587	.7055840	1.445771	55.86215
#1	.1976529	6.354780	.0806732	3.301146	.0262714	.0006438
#2	.1981474	6.341003	.0812214	3.255082	.0264551	.0002326
#3	.1987801	6.362117	.0828467	3.281960	.0270095	.0008780

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**372.0377**	**.0020761**	**.5061717**	**14.78738**	**.1496222**	**.0448500**
Stddev	29.6097	.0019439	.0002213	.03878	.0014176	.0003964
%RSD	7.958800	93.62914	.0437268	.2622740	.9474211	.8838213
#1	388.7643	.0043106	.5061334	14.83014	.1496437	.0446321
#2	337.8500	.0007745	.5059720	14.77753	.1481941	.0446103
#3	389.4989	.0011433	.5064097	14.75447	.1510289	.0453075

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035

Sample Name: Q2148-02 Acquired: 6/5/2025 19:05:39 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v91) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Q2172-01 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0084714	.0259812	F 18.04433	3.730162	F 86.53699	.1445670
Stddev	.0008433	.0007375	.02102	.061800	.24001	.0008331
%RSD	9.954788	2.838511	.1165025	1.656753	.2773504	.5762812
#1	.0079490	.0257551	18.06736	3.671126	86.29852	.1447914
#2	.0094443	.0253833	18.02618	3.724965	86.53394	.1452649
#3	.0080209	.0268053	18.03943	3.794397	86.77852	.1436447

Elem	Sr4077
Units	ppm
Avg	.1523532
Stddev	.0000978
%RSD	.0641818
#1	.1523308
#2	.1524602
#3	.1522685

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2769.074	59667.76	8855.250	2320.874	3528.164
Stddev	14.097	91.83	27.203	7.535	13.690
%RSD	.5090836	.1539086	.3071994	.3246442	.3880243
#1	2784.653	59611.96	8860.347	2321.215	3542.730
#2	2765.369	59773.75	8879.545	2313.175	3526.200
#3	2757.199	59617.56	8825.859	2328.232	3515.562

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035

Sample Name: Q2148-02DUP Acquired: 6/5/2025 19:09:58 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v91) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Q2172-01DUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000065**	**-.004216**	**.0183333**	**.0093801**	**.0454211**	**1.199593**
Stddev	.001644	.000357	.0008657	.0011899	.0025010	.007946
%RSD	2531.579	8.465089	4.721785	12.68491	5.506186	.6624143
#1	.001812	-.004615	.0181720	.0100546	.0434493	1.194099
#2	-.000755	-.003927	.0175596	.0080062	.0445796	1.195976
#3	-.001252	-.004107	.0192683	.0100795	.0482342	1.208704

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0662205**	**-.000141**	**.0026300**	**17.84434**	**.0140875**	**.0032272**
Stddev	.0000833	.000056	.0001251	.02322	.0005791	.0002502
%RSD	.1258232	39.40882	4.757944	.1301463	4.110719	7.753170
#1	.0662977	-.000093	.0026140	17.81763	.0139345	.0034912
#2	.0661321	-.000202	.0027623	17.85968	.0147277	.0031968
#3	.0662316	-.000129	.0025136	17.85573	.0136002	.0029935

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2265587**	**7.121813**	**.1988519**	**3.409116**	**.0400169**	**.0008535**
Stddev	.0004629	.191349	.0009003	.029657	.0001967	.0004788
%RSD	.2043206	2.686803	.4527245	.8699336	.4915476	56.10193
#1	.2267707	7.032017	.1990045	3.422121	.0402313	.0003506
#2	.2260277	7.341546	.1978851	3.375179	.0398447	.0013039
#3	.2268776	6.991877	.1996661	3.430050	.0399749	.0009058

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**424.5479**	**.0026557**	**.5345159**	**16.71975**	**.1546740**	**.0480608**
Stddev	13.4441	.0002800	.0183144	.51162	.0017460	.0003129
%RSD	3.166675	10.54367	3.426345	3.059992	1.128809	.6510278
#1	416.8197	.0028338	.5253551	16.40874	.1536484	.0477930
#2	440.0717	.0023330	.5556032	17.31025	.1566900	.0479846
#3	416.7524	.0028004	.5225896	16.44028	.1536837	.0484047

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035

Sample Name: Q2148-02DUP Acquired: 6/5/2025 19:09:58 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v91) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Q2172-01DUP Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0301671	.0279706	F 20.48804	4.426147	F 94.85497	.1401410
Stddev	.0004361	.0009941	.61772	.079584	1.66659	.0006205
%RSD	1.445762	3.554239	3.015051	1.798034	1.756992	.4427467
#1	.0305614	.0273125	20.12072	4.514356	96.75662	.1407753
#2	.0296987	.0274851	21.20122	4.359727	93.64851	.1395354
#3	.0302414	.0291142	20.14217	4.404358	94.15980	.1401121

Elem	Sr4077
Units	ppm
Avg	.1549509
Stddev	.0004653
%RSD	.3002700
#1	.1554693
#2	.1545696
#3	.1548137

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2771.272	57756.77	9283.233	2234.718	3510.688
Stddev	40.816	1678.51	2.867	72.392	25.741
%RSD	1.472821	2.906169	.0308855	3.239443	.7332299
#1	2817.383	58617.19	9280.001	2267.090	3539.821
#2	2756.662	55822.52	9284.225	2151.788	3501.230
#3	2739.772	58830.61	9285.472	2285.275	3491.014

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035

Sample Name: Q2148-02LX5 Acquired: 6/5/2025 19:14:18 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v91) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Q2172-01LX5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002148	.0001478	.0045214	.0016413	.0080529	.2244731	.0130110
Stddev	.0018750	.0009569	.0012080	.0028359	.0013908	.0019831	.0025952
%RSD	873.0444	647.5354	26.71707	172.7828	17.27154	.8834641	19.94588
#1	.0000838	-.000621	.0051662	.0041035	.0066165	.2223715	.0124195
#2	-.001591	-.000155	.0052703	-.001459	.0081487	.2247364	.0107627
#3	.002152	.001219	.0031279	.002280	.0093933	.2263115	.0158509

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000103	.0004817	3.562466	.0028813	.0006199	.0404600	1.268943
Stddev	.000043	.0000384	.086743	.0003381	.0002450	.0004125	.026634
%RSD	42.02233	7.975670	2.434901	11.73370	39.52161	1.019417	2.098879
#1	-.000077	.0005102	3.576366	.0032371	.0006630	.0409363	1.240788
#2	-.000153	.0004968	3.469613	.0028428	.0008405	.0402155	1.272307
#3	-.000080	.0004380	3.641419	.0025642	.0003562	.0402284	1.293735

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0149405	.7079376	.0051994	.0003211	73.75880	-.002546	.0981136
Stddev	.0002908	.0293183	.0004257	.0001106	2.12342	.000918	.0004883
%RSD	1.946634	4.141365	8.186715	34.45308	2.878863	36.04543	.4976421
#1	.0152425	.7151210	.0055654	.0004478	72.40233	-.002841	.0986483
#2	.0146623	.6756952	.0047323	.0002718	76.20590	-.001517	.0980012
#3	.0149168	.7329965	.0053006	.0002437	72.66816	-.003279	.0976914

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.669703	.0295904	.0085215	.0003503	.0042688	3.635315	.8204889
Stddev	.073185	.0018784	.0001694	.0008214	.0004835	.051496	.0062675
%RSD	2.741313	6.348142	1.987596	234.4678	11.32718	1.416553	.7638760
#1	2.629244	.0312445	.0084719	.0005690	.0039416	3.576251	.8246646
#2	2.754185	.0275482	.0083824	.0010402	.0040405	3.670801	.8235200
#3	2.625681	.0299785	.0087101	-.000558	.0048242	3.658892	.8132820

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035

Sample Name: Q2148-02LX5 Acquired: 6/5/2025 19:14:18 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v91) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Q2172-01LX5 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	17.43814	.0282248	.0292039
Stddev	.13196	.0010763	.0003542
%RSD	.7567224	3.813418	1.212740
#1	17.55939	.0281201	.0293426
#2	17.45742	.0293497	.0294677
#3	17.29760	.0272047	.0288014

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3036.801	64867.16	9667.711	2538.854	3979.477
Stddev	37.837	1218.67	44.008	98.175	30.256
%RSD	1.245962	1.878721	.4552027	3.866903	.7602923
#1	3053.470	66099.89	9632.112	2627.340	3986.688
#2	3063.442	63663.05	9716.915	2433.243	4005.475
#3	2993.491	64838.54	9654.107	2555.978	3946.267

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035

Sample Name: Q2148-02MS Acquired: 6/5/2025 19:18:34 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v91) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Q2172-01MS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.8993118**	**2.084921**	**1.072515**	**2.192292**	**.9052772**	**3.367264**
Stddev	.0048659	.002603	.001756	.007986	.0020328	.008645
%RSD	.5410692	.1248714	.1637042	.3642646	.2245522	.2567284
#1	.8938170	2.086823	1.071049	2.185166	.9029468	3.364426
#2	.9030752	2.085986	1.074461	2.190787	.9066862	3.376971
#3	.9010432	2.081954	1.072035	2.200923	.9061984	3.360396

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3190420**	**.2095088**	**.2242948**	**19.44872**	**.4349678**	**.2315749**
Stddev	.0014035	.0017272	.0002144	.10456	.0018176	.0001994
%RSD	.4399029	.8244243	.0955648	.5375938	.4178683	.0861087
#1	.3203960	.2077718	.2240862	19.56603	.4348174	.2315520
#2	.3175938	.2095287	.2245145	19.36535	.4332300	.2317847
#3	.3191361	.2112261	.2242837	19.41479	.4368559	.2313879

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5328615**	**9.985825**	**.3217426**	**5.632671**	**.5922113**	**.0472410**
Stddev	.0022596	.123915	.0014362	.041943	.0006915	.0006681
%RSD	.4240494	1.240912	.4463693	.7446458	.1167676	1.414337
#1	.5307920	10.12396	.3233110	5.654475	.5927675	.0479844
#2	.5325201	9.88445	.3204919	5.584316	.5914370	.0470483
#3	.5352723	9.94907	.3214247	5.659221	.5924293	.0466905

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**362.6388**	**.3453435**	**.7543414**	**28.52207**	**.4657378**	**.5165968**
Stddev	3.8476	.0026135	.0023350	.24040	.0013605	.0021075
%RSD	1.060999	.7567728	.3095458	.8428429	.2921226	.4079596
#1	364.9192	.3483261	.7562172	28.79493	.4643847	.5143323
#2	358.1965	.3434541	.7517262	28.42979	.4657230	.5169573
#3	364.8008	.3442504	.7550809	28.34148	.4671056	.5185008

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035

Sample Name: Q2148-02MS Acquired: 6/5/2025 19:18:34 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v91) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Q2172-01MS Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7575867	.2650814	F 19.92961	11.01698	F 91.49878	.3986433
Stddev	.0023094	.0004072	.21635	.01411	.09928	.0026053
%RSD	.3048433	.1536158	1.085566	.1280330	.1085000	.6535382
#1	.7566976	.2655041	20.17939	11.00265	91.45608	.3956850
#2	.7558540	.2650485	19.80810	11.03085	91.42800	.4005955
#3	.7602086	.2646917	19.80132	11.01745	91.61227	.3996495

Elem	Sr4077
Units	ppm
Avg	.3774415
Stddev	.0006587
%RSD	.1745168
#1	.3767001
#2	.3776652
#3	.3779592

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2760.210	59941.12	8716.500	2218.572	3552.008
Stddev	13.965	204.65	40.898	13.777	9.872
%RSD	.5059224	.3414157	.4692028	.6209704	.2779366
#1	2774.866	59715.58	8762.273	2204.233	3562.086
#2	2758.706	59992.85	8683.549	2219.777	3551.582
#3	2747.059	60114.95	8703.677	2231.707	3542.355

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035

Sample Name: Q2148-02MSD Acquired: 6/5/2025 19:22:40 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v91) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Q2172-01MSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.8526185**	**1.991915**	**1.026787**	**2.079331**	**.8480074**	**3.271059**
Stddev	.0107393	.039658	.023572	.036736	.0055701	.010106
%RSD	1.259565	1.990930	2.295688	1.766724	.6568457	.3089402
#1	.8474501	1.962770	1.011559	2.059655	.8524347	3.265855
#2	.8454407	1.975899	1.014865	2.056623	.8417533	3.264617
#3	.8649648	2.037076	1.053939	2.121714	.8498341	3.282706

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3009822**	**.1945478**	**.2135709**	**19.02584**	**.4211081**	**.2184251**
Stddev	.0019459	.0025845	.0051801	.04041	.0037348	.0028007
%RSD	.6465322	1.328462	2.425459	.2124045	.8868886	1.282211
#1	.3032226	.1975304	.2104054	18.99629	.4253350	.2167455
#2	.3000102	.1931450	.2107585	19.00934	.4182543	.2168716
#3	.2997136	.1929681	.2195489	19.07189	.4197350	.2216582

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5144895**	**10.09507**	**.3040159**	**5.548546**	**.5617942**	**.0488535**
Stddev	.0046447	.08006	.0012834	.013138	.0091885	.0002581
%RSD	.9027829	.7930851	.4221421	.2367741	1.635555	.5282499
#1	.5126706	10.00521	.3053794	5.555291	.5561518	.0488316
#2	.5110294	10.12117	.3038370	5.533406	.5568340	.0486070
#3	.5197684	10.15882	.3028315	5.556941	.5723968	.0491218

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**372.5753**	**.3303120**	**.7563213**	**28.66169**	**.4450551**	**.4919103**
Stddev	1.2432	.0010110	.0014492	.19527	.0054051	.0014983
%RSD	.3336679	.3060807	.1916155	.6813046	1.214473	.3045781
#1	372.7276	.3291806	.7571757	28.44025	.4512476	.4931679
#2	371.2630	.3306287	.7546480	28.73561	.4412850	.4902526
#3	373.7353	.3311268	.7571402	28.80921	.4426327	.4923103

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035

Sample Name: Q2148-02MSD Acquired: 6/5/2025 19:22:40 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v91) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Q2172-01MSD Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7181931	.2504292	F 20.95137	10.80223	F 93.00522	.3793397
Stddev	.0163671	.0011696	.20971	.29284	2.15769	.0010408
%RSD	2.278922	.4670251	1.000955	2.710929	2.319970	.2743738
#1	.7070909	.2514749	20.71254	10.63503	91.76857	.3797342
#2	.7104989	.2506464	21.03614	10.63128	91.75041	.3801257
#3	.7369894	.2491662	21.10543	11.14036	95.49669	.3781594

Elem	Sr4077
Units	ppm
Avg	.3626836
Stddev	.0013139
%RSD	.3622619
#1	.3639051
#2	.3628521
#3	.3612936

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2797.828	59501.96	8987.352	2178.669	3604.258
Stddev	36.994	216.25	41.829	23.435	22.823
%RSD	1.322236	.3634409	.4654164	1.075679	.6332159
#1	2768.720	59738.25	8939.387	2205.618	3586.567
#2	2785.306	59453.77	9006.424	2167.324	3596.188
#3	2839.457	59313.87	9016.247	2163.065	3630.019

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035

Sample Name: CCV03 Acquired: 6/5/2025 19:43:42 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v91) 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	**4.928727**	**4.942577**	**4.870845**	**4.947225**	**4.673396**	**9.468831**	**10.22558**
Stddev	.016692	.021902	.015103	.015193	.011511	.048799	.13576
%RSD	.3386655	.4431269	.3100613	.3071057	.2463089	.5153695	1.327618
#1	4.944440	4.967853	4.874468	4.953892	4.685087	9.525031	10.24012
#2	4.930538	4.929210	4.883806	4.957944	4.673027	9.444264	10.08313
#3	4.911203	4.930668	4.854260	4.929838	4.662073	9.437197	10.35348

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2367015**	**2.433858**	**24.67492**	**.9614431**	**2.436356**	**1.226620**	**5.106075**
Stddev	.0012580	.012652	.09002	.0027605	.011156	.002625	.016558
%RSD	.5314655	.5198199	.3648386	.2871211	.4579159	.2139996	.3242716
#1	.2378239	2.434996	24.69034	.9646003	2.440493	1.229315	5.089819
#2	.2369390	2.445903	24.75624	.9602444	2.444853	1.226474	5.122919
#3	.2353417	2.420677	24.57818	.9594846	2.423722	1.224071	5.105488

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.539080**	**24.17267**	**2.439094**	**1.207665**	**23.06207**	**2.452304**	**2.607480**
Stddev	.008861	.16334	.009522	.001815	.08224	.007252	.003154
%RSD	.3489687	.6757321	.3903860	.1502643	.3566111	.2957377	.1209442
#1	2.545384	24.16185	2.441581	1.208056	23.15324	2.456783	2.611087
#2	2.542907	24.34116	2.447125	1.209252	23.03949	2.456191	2.605242
#3	2.528949	24.01501	2.428575	1.205686	22.99347	2.443936	2.606111

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**24.70493**	**4.796595**	**4.972814**	**4.854295**	**4.952857**	**4.824438**	**4.690759**
Stddev	.08961	.012483	.013269	.019731	.025302	.007715	.018080
%RSD	.3627212	.2602564	.2668301	.4064583	.5108600	.1599247	.3854381
#1	24.79202	4.807225	4.985729	4.857753	4.981470	4.822303	4.704653
#2	24.61300	4.799712	4.973496	4.872068	4.943669	4.832996	4.697306
#3	24.70977	4.782849	4.959217	4.833064	4.933433	4.818015	4.670317

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035

Sample Name: CCV03 Acquired: 6/5/2025 19:43:42 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v91) 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	**4.829347**	**4.837915**	**4.738481**
Stddev	.016995	.036322	.023010
%RSD	.3519194	.7507763	.4856080
#1	4.834736	4.878062	4.749340
#2	4.842994	4.807332	4.754053
#3	4.810310	4.828352	4.712051

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2907.688**	**63120.43**	**9055.356**	**2194.054**	**3864.662**
Stddev	15.446	123.27	39.644	7.343	16.190
%RSD	.5312003	.1952964	.4378014	.3346988	.4189119
#1	2892.751	62993.25	9010.354	2187.380	3846.739
#2	2923.597	63128.66	9070.588	2201.921	3878.226
#3	2906.716	63239.39	9085.125	2192.861	3869.021

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035

Sample Name: CCB03 Acquired: 6/5/2025 19:47:53 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v91) 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	**.0008736**	**.0028548**	**.0009451**	**.0020650**	**.0009067**	**.0057408**	**-.000300**
Stddev	.0006716	.0015079	.0011471	.0005418	.0013519	.0052614	.000739
%RSD	76.86840	52.82068	121.3699	26.23948	149.1007	91.65036	246.3175
#1	.0012399	.0045956	.0008946	.0014486	.0020645	.0071998	-.000831
#2	.0000986	.0019554	-.000176	.0022804	.0012346	.0101187	.000544
#3	.0012825	.0020133	.002117	.0024660	-.000579	-.000096	-.000613

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000043**	**.0002044**	**.0001892**	**.0001032**	**.0001777**	**-.000048**	**.0098464**
Stddev	.000046	.0000791	.0088697	.0004022	.0000540	.000318	.0009326
%RSD	106.7151	38.71257	4686.791	389.7054	30.41274	663.8853	9.471161
#1	-.000054	.0001151	.0051502	-.000341	.0001271	.000028	.0108735
#2	-.000082	.0002660	-.010051	.000209	.0002346	-.000397	.0096132
#3	.000007	.0002321	.005468	.000442	.0001714	.000225	.0090527

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0006281**	**.0154384**	**-.000030**	**-.000036**	**-.035241**	**-.001894**	**.0015269**
Stddev	.0001332	.0149360	.000114	.000189	.006937	.000440	.0000775
%RSD	21.19878	96.74614	375.5655	523.7499	19.68387	23.21567	5.075057
#1	.0006034	.0279696	-.000089	.000135	-.035397	-.001389	.0015622
#2	.0007719	-.001089	.000101	-.000238	-.028227	-.002191	.0014381
#3	.0005091	.019435	-.000103	-.000005	-.042098	-.002103	.0015805

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0113788**	**.0112427**	**.0013060**	**-.000912**	**.0005142**	**.0104340**	**.0012078**
Stddev	.0303419	.0002752	.0000888	.000615	.0004026	.0123622	.0010467
%RSD	266.6540	2.447988	6.802683	67.44413	78.28446	118.4797	86.65881
#1	-.007976	.0113446	.0012038	-.001611	.0001369	.0243861	.0003873
#2	.046348	.0114525	.0013487	-.000455	.0009380	.0060707	.0023865
#3	-.004236	.0109311	.0013654	-.000670	.0004679	.0008451	.0008495

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035

Sample Name: CCB03 Acquired: 6/5/2025 19:47:53 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v91) 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	.0022425	.0025797	.0001746
Stddev	.0018651	.0003530	.0000422
%RSD	83.17243	13.68498	24.14180
#1	.0022918	.0021870	.0001998
#2	.0040825	.0028707	.0001981
#3	.0003532	.0026813	.0001259

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3026.948	66067.36	10008.44	2288.959	4233.755
Stddev	13.181	60.66	19.06	9.723	21.006
%RSD	.4354676	.0918222	.1903963	.4247983	.4961482
#1	3041.043	66096.44	10025.89	2299.997	4257.512
#2	3024.876	65997.63	10011.32	2285.219	4226.113
#3	3014.926	66108.00	9988.11	2281.661	4217.640

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035

Sample Name: Q2148-02A Acquired: 6/5/2025 19:52:13 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v91) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Q2172-01A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.9175095**	**2.065415**	**1.069472**	**2.258287**	**.8944397**	**3.266159**
Stddev	.0126864	.028015	.028756	.035149	.0033214	.006995
%RSD	1.382701	1.356403	2.688845	1.556456	.3713376	.2141581
#1	.9108885	2.084490	1.055533	2.248990	.8951604	3.262578
#2	.9095034	2.033250	1.050341	2.228722	.8973416	3.274220
#3	.9321367	2.078504	1.102542	2.297151	.8908171	3.261680

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2723318**	**.1987539**	**.2239279**	**18.06343**	**.4583420**	**.2282814**
Stddev	.0019532	.0009947	.0060050	.14480	.0092949	.0036079
%RSD	.7172153	.5004490	2.681683	.8016302	2.027932	1.580447
#1	.2745789	.1998688	.2203374	18.22483	.4690009	.2259473
#2	.2710412	.1984352	.2205858	18.02057	.4519233	.2264601
#3	.2713754	.1979576	.2308604	17.94490	.4541019	.2324369

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5330776**	**9.990859**	**.3535297**	**5.452537**	**.5856760**	**.0844025**
Stddev	.0027133	.228570	.0012086	.034865	.0098984	.0013618
%RSD	.5089817	2.287790	.3418637	.6394361	1.690076	1.613470
#1	.5318176	10.25388	.3548893	5.491286	.5793611	.0859268
#2	.5312235	9.84041	.3531224	5.442622	.5805831	.0839748
#3	.5361918	9.87828	.3525774	5.423703	.5970839	.0833059

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**343.8571**	**.3283083**	**.7839544**	**28.47761**	**.4425846**	**.5156282**
Stddev	4.4179	.0012632	.0082068	.53266	.0021095	.0002252
%RSD	1.284801	.3847461	1.046849	1.870464	.4766336	.0436685
#1	347.8991	.3297662	.7932900	29.08390	.4444789	.5158849
#2	339.1409	.3275439	.7778772	28.08481	.4429635	.5155354
#3	344.5312	.3276146	.7806959	28.26412	.4403113	.5154642

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035

Sample Name: Q2148-02A Acquired: 6/5/2025 19:52:13 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v91) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Q2172-01A Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7963163	.2406033	F 21.56794	11.04195	F 89.34128	.3550365
Stddev	.0208580	.0010291	.39289	.29493	1.96479	.0010732
%RSD	2.619312	.4277108	1.821641	2.670978	2.199201	.3022892
#1	.7861152	.2414826	22.00887	10.89830	88.42538	.3551568
#2	.7825222	.2408558	21.25501	10.84637	88.00166	.3539082
#3	.8203116	.2394714	21.43994	11.38119	91.59680	.3560445

Elem	Sr4077
Units	ppm
Avg	.3341485
Stddev	.0011513
%RSD	.3445588
#1	.3353197
#2	.3341078
#3	.3330181

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2650.356	55762.08	9117.268	1939.382	3468.908
Stddev	41.066	691.66	29.356	9.349	21.533
%RSD	1.549465	1.240379	.3219861	.4820817	.6207359
#1	2622.807	54982.80	9135.973	1930.192	3451.209
#2	2630.705	56303.17	9083.433	1948.883	3462.636
#3	2697.555	56000.28	9132.398	1939.070	3492.881

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035

Sample Name: Q2194-01 Acquired: 6/5/2025 19:56:20 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v91) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Q2194-01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0408512**	**-.022783**	**.1139675**	**.0034441**	**-.003434**	**115.9793**	**.8360997**
Stddev	.0021779	.001565	.0014841	.0036857	.003715	.3342	.0044132
%RSD	5.331377	6.869624	1.302204	107.0128	108.1957	.2881229	.5278323
#1	.0412231	-.024137	.1145569	-.000518	-.005044	116.2418	.8353377
#2	.0385113	-.023141	.1150663	.004080	.000815	115.6032	.8321171
#3	.0428192	-.021069	.1122792	.006770	-.006072	116.0930	.8408443

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0078452**	**.0083648**	**42.03625**	**.1898696**	**.1397742**	**.4801042**	**279.1928**
Stddev	.0000783	.0004623	.22636	.0008113	.0007477	.0047527	.8920
%RSD	.9979017	5.526511	.5384980	.4272941	.5349658	.9899320	.3194765
#1	.0079159	.0085071	42.25958	.1895718	.1399355	.4812712	279.1335
#2	.0078587	.0087392	42.04221	.1907878	.1404282	.4841647	278.3320
#3	.0077611	.0078481	41.80697	.1892494	.1389590	.4748767	280.1129

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.306529**	**54.13476**	**.2407180**	**.0102106**	**1.166743**	**.4297006**	**1.040098**
Stddev	.019248	.54138	.0024144	.0003735	.014652	.0005723	.005634
%RSD	.4469600	1.000067	1.002986	3.658360	1.255806	.1331845	.5416690
#1	4.327651	54.54936	.2422988	.0104411	1.165830	.4302335	1.034524
#2	4.301960	54.33264	.2419164	.0097796	1.152569	.4290957	1.039981
#3	4.289976	53.52227	.2379389	.0104111	1.181830	.4297725	1.045790

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**9.213260**	**.4684826**	**.0046992**	**.0037354**	**5.243662**	**3.133024**	**7.134826**
Stddev	.101973	.0055256	.0002385	.0001938	.013295	.031819	.083350
%RSD	1.106810	1.179470	5.074967	5.188262	.2535365	1.015585	1.168214
#1	9.166746	.4677203	.0047140	.0037475	5.256574	3.109673	7.206222
#2	9.142838	.4633778	.0049299	.0035358	5.230015	3.120134	7.155022
#3	9.330197	.4743498	.0044536	.0039228	5.244398	3.169265	7.043234

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035

Sample Name: Q2194-01 Acquired: 6/5/2025 19:56:20 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v91) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Q2194-01 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7122567	.2417571	-.128421
Stddev	.0125204	.0019405	.000129
%RSD	1.757851	.8026596	.1002879
#1	.7186851	.2408455	-.128566
#2	.7202572	.2404403	-.128318
#3	.6978279	.2439856	-.128380

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3424.770	72287.41	10748.61	2529.473	3870.374
Stddev	9.462	665.02	27.90	38.883	13.551
%RSD	.2762735	.9199676	.2596013	1.537201	.3501224
#1	3429.839	72646.20	10731.69	2548.953	3867.244
#2	3413.854	72695.98	10780.82	2554.766	3858.662
#3	3430.617	71520.05	10733.33	2484.700	3885.216

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035

Sample Name: Q2194-03 Acquired: 6/5/2025 20:00:27 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v91) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Q2194-03 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0527209	-.017511	.0984747	.0043696	-.001769	102.7137	.7232578
Stddev	.0018778	.000556	.0032253	.0037945	.003519	.1829	.0029948
%RSD	3.561735	3.173826	3.275276	86.84017	198.8828	.1780307	.4140647
#1	.0544503	-.017840	.1018514	.0063461	.000171	102.5904	.7216293
#2	.0529888	-.016869	.0954258	.0067678	.000353	102.9238	.7267139
#3	.0507235	-.017822	.0981468	-.000005	-.005831	102.6268	.7214302

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0061256	.0045554	37.11257	.1717543	.1144670	.4039241	252.8568
Stddev	.0000854	.0007665	.21865	.0000711	.0015455	.0057217	2.5091
%RSD	1.394867	16.82528	.5891561	.0413837	1.350191	1.416537	.9922947
#1	.0060287	.0046224	37.09994	.1718364	.1155917	.4048382	253.9210
#2	.0061585	.0052861	36.90051	.1717137	.1151046	.4091337	249.9910
#3	.0061898	.0037576	37.33726	.1717128	.1127047	.3978003	254.6583

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.734028	43.56999	.2022076	.0134244	.8701532	.3772975	1.265232
Stddev	.014509	.41330	.0025666	.0006192	.0106120	.0014030	.002349
%RSD	.3885518	.9485819	1.269305	4.612515	1.219557	.3718501	.1856690
#1	3.727992	43.46659	.2037667	.0136587	.8753785	.3757958	1.263894
#2	3.723512	43.21821	.2036107	.0127222	.8771393	.3775221	1.267944
#3	3.750580	44.02517	.1992452	.0138922	.8579417	.3785747	1.263856

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.924019	.4479719	.0019511	.0026546	4.416571	3.902328	5.469361
Stddev	.031536	.0110752	.0001989	.0013561	.003333	.034793	.075711
%RSD	.3533800	2.472287	10.19416	51.08456	.0754591	.8915944	1.384283
#1	8.920737	.4520341	.0017405	.0011576	4.412817	3.906448	5.520778
#2	8.894252	.4354392	.0019772	.0030052	4.419180	3.865658	5.504886
#3	8.957067	.4564423	.0021357	.0038009	4.417717	3.934877	5.382420

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035

Sample Name: Q2194-03 Acquired: 6/5/2025 20:00:27 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v91) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Q2194-03 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5487315	.2103170	-.124962
Stddev	.0107366	.0008048	.002817
%RSD	1.956620	.3826774	2.254184
#1	.5592244	.2104973	-.126035
#2	.5492033	.2110164	-.121766
#3	.5377668	.2094373	-.127085

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3251.077	72351.18	11316.24	2489.556	3798.633
Stddev	26.071	238.65	33.86	16.259	24.914
%RSD	.8019253	.3298479	.2992050	.6530723	.6558654
#1	3276.254	72087.64	11337.82	2471.809	3806.332
#2	3224.195	72552.68	11277.22	2503.733	3770.779
#3	3252.782	72413.21	11333.68	2493.125	3818.790

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035

Sample Name: Q2195-01 Acquired: 6/5/2025 20:04:32 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v91) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Q2195-01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0284399	-.028346	.0918727	.0010343	-.004007	133.0652	.6630777
Stddev	.0043364	.000575	.0016400	.0029983	.002517	.1917	.0015794
%RSD	15.24758	2.027643	1.785124	289.8874	62.80369	.1440428	.2381849
#1	.0298672	-.027683	.0932721	.0044318	-.006828	133.2797	.6642975
#2	.0235697	-.028677	.0922781	-.001241	-.001992	133.0053	.6636419
#3	.0318827	-.028680	.0900680	-.000088	-.003202	132.9107	.6612938

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0058267	.0141163	53.31049	.3598414	.2053012	.7897359	304.5824
Stddev	.0001045	.0003707	.02756	.0015858	.0000617	.0015413	1.3227
%RSD	1.792753	2.625893	.0516953	.4406854	.0300375	.1951687	.4342527
#1	.0058467	.0143013	53.34227	.3606108	.2053295	.7906263	303.0667
#2	.0057138	.0136896	53.29319	.3608956	.2053437	.7906252	305.1781
#3	.0059198	.0143582	53.29600	.3580177	.2052305	.7879561	305.5025

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.111938	74.25713	.3634257	.0155191	4.753770	.5274683	.5244053
Stddev	.006452	.06782	.0004694	.0006138	.011779	.0027708	.0029233
%RSD	.1569052	.0913379	.1291629	3.955235	.2477737	.5252929	.5574532
#1	4.119379	74.17884	.3630480	.0149324	4.742268	.5298662	.5221718
#2	4.107901	74.29436	.3632779	.0154680	4.765807	.5244351	.5233302
#3	4.108535	74.29819	.3639513	.0161568	4.753235	.5281038	.5277139

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	36.74837	.5412616	.0152004	.0604262	11.54942	3.307607	15.75251
Stddev	.18034	.0029163	.0001409	.0007685	.01079	.005356	.01188
%RSD	.4907323	.5388023	.9267184	1.271821	.0933863	.1619276	.0754463
#1	36.54060	.5379169	.0150380	.0595744	11.55893	3.301425	15.75863
#2	36.86442	.5432725	.0152889	.0610677	11.55163	3.310562	15.76010
#3	36.84007	.5425954	.0152745	.0606365	11.53770	3.310835	15.73882

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035

Sample Name: Q2195-01 Acquired: 6/5/2025 20:04:32 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v91) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Q2195-01 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	13.23879	.2625099	-.192973
Stddev	.01844	.0008917	.001485
%RSD	.1393166	.3396693	.7693656
#1	13.22197	.2617862	-.191294
#2	13.25852	.2635060	-.193515
#3	13.23589	.2622376	-.194111

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3483.061	76863.21	12319.60	2631.764	3613.428
Stddev	4.823	292.90	27.31	29.275	6.871
%RSD	.1384677	.3810653	.2216736	1.112380	.1901594
#1	3478.969	77182.57	12289.29	2661.982	3611.976
#2	3488.378	76799.96	12342.30	2629.778	3620.909
#3	3481.834	76607.11	12327.22	2603.532	3607.398

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035

Sample Name: Q2195-01DUP Acquired: 6/5/2025 20:08:36 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v91) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Q2195-01DUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0254562	-.023116	.1004862	.0074129	-.003780	119.6122	.5944068
Stddev	.0021951	.000930	.0001972	.0033618	.001900	.7359	.0040914
%RSD	8.623063	4.022564	.1962479	45.35026	50.26331	.6152425	.6883182
#1	.0271030	-.022360	.1006244	.0057716	-.005720	120.3963	.5977421
#2	.0263016	-.022835	.1005739	.0112800	-.003697	119.5038	.5956368
#3	.0229641	-.024154	.1002604	.0051870	-.001923	118.9365	.5898415

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0054742	.0088736	57.88105	.3205812	.1813449	.7161414	280.5972
Stddev	.0001494	.0002813	.25608	.0020567	.0017216	.0031451	2.6202
%RSD	2.729576	3.170346	.4424255	.6415481	.9493561	.4391755	.9337890
#1	.0054423	.0091677	57.62634	.3229453	.1831415	.7192076	282.9404
#2	.0053434	.0088461	57.87833	.3195947	.1811837	.7162937	281.0831
#3	.0056370	.0086071	58.13848	.3192036	.1797096	.7129229	277.7681

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.689202	69.37639	.3192912	.0143988	3.623523	.5074220	.5029915
Stddev	.023040	.35881	.0024817	.0003790	.064127	.0016696	.0031181
%RSD	.6245265	.5171899	.7772508	2.631945	1.769732	.3290283	.6199188
#1	3.708756	69.77863	.3218386	.0143619	3.680224	.5089360	.5059264
#2	3.695048	69.26127	.3191540	.0147949	3.636415	.5056314	.4997178
#3	3.663802	69.08927	.3168809	.0140397	3.553930	.5076987	.5033304

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	33.46670	.5082819	.0228452	.0201903	10.36290	3.105422	13.60155
Stddev	.28028	.0075255	.0003720	.0003812	.06279	.036828	.12075
%RSD	.8374765	1.480582	1.628376	1.887928	.6059568	1.185918	.8877488
#1	33.66690	.5152565	.0224275	.0199486	10.42052	3.130093	13.72315
#2	33.58680	.5092834	.0229673	.0206298	10.37221	3.123083	13.59981
#3	33.14638	.5003057	.0231408	.0199927	10.29597	3.063090	13.48168

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035

Sample Name: Q2195-01DUP Acquired: 6/5/2025 20:08:36 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v91) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Q2195-01DUP Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	12.23389	.2408009	-.155657
Stddev	.04071	.0004277	.003194
%RSD	.3327447	.1775953	2.052235
#1	12.26686	.2412946	-.158758
#2	12.24643	.2405452	-.155837
#3	12.18839	.2405628	-.152377

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3522.421	74445.54	11843.03	2565.276	3752.464
Stddev	16.455	22.58	55.18	10.213	20.861
%RSD	.4671456	.0303352	.4659272	.3981249	.5559186
#1	3524.423	74419.68	11891.99	2556.948	3744.405
#2	3505.057	74461.40	11853.88	2576.671	3736.835
#3	3537.783	74455.54	11783.24	2562.209	3776.152

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035

Sample Name: Q2195-01LX5 Acquired: 6/5/2025 20:12:41 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v91) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Q2195-01LX5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0064601	-.005203	.0185975	.0049605	-.001107	31.14174	.1534751
Stddev	.0004579	.000839	.0005502	.0018938	.000875	.09455	.0006704
%RSD	7.088403	16.13369	2.958363	38.17672	79.05487	.3036116	.4368455
#1	.0066017	-.005883	.0192222	.0030658	-.001104	31.24978	.1538431
#2	.0068305	-.004265	.0181851	.0068533	-.001983	31.10135	.1527012
#3	.0059481	-.005462	.0183851	.0049623	-.000233	31.07410	.1538808

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014657	-.000221	12.90810	.0890361	.0387774	.1905667	73.30680
Stddev	.0000592	.000226	.01884	.0002889	.0009060	.0049221	.35779
%RSD	4.039019	102.2366	.1459402	.3244979	2.336401	2.582891	.4880723
#1	.0013983	.000034	12.89865	.0889907	.0394673	.1944674	72.89630
#2	.0015091	-.000303	12.89585	.0893450	.0391134	.1921963	73.47160
#3	.0014897	-.000395	12.92979	.0887726	.0377513	.1850364	73.55249

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9941646	17.53137	.0705038	.0036014	1.015605	.1242959	.1328779
Stddev	.0010092	.03792	.0013708	.0000564	.005277	.0011676	.0004816
%RSD	.1015075	.2162974	1.944242	1.564558	.5196192	.9393881	.3624528
#1	.9930183	17.52895	.0718571	.0036307	1.010519	.1248776	.1323219
#2	.9945567	17.49472	.0705380	.0036371	1.015239	.1250585	.1331465
#3	.9949189	17.57044	.0691162	.0035364	1.021055	.1229517	.1331654

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.137620	.1296384	.0034413	.0112164	2.742956	.7787658	3.046186
Stddev	.042851	.0012518	.0002488	.0002468	.005812	.0087935	.061457
%RSD	.5265763	.9656188	7.229137	2.200459	.2118836	1.129164	2.017504
#1	8.094454	.1282948	.0037284	.0111055	2.748632	.7736865	3.093956
#2	8.180148	.1298484	.0033046	.0110445	2.737017	.7889197	3.067748
#3	8.138258	.1307719	.0032907	.0114992	2.743220	.7736913	2.976853

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035

Sample Name: Q2195-01LX5 Acquired: 6/5/2025 20:12:41 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v91) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Q2195-01LX5 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	**2.485908**	**.0622672**	**-.046729**
Stddev	.049328	.0003619	.000304
%RSD	1.984322	.5811697	.6514220
#1	2.528085	.0623624	-.046390
#2	2.497972	.0625719	-.046821
#3	2.431667	.0618672	-.046977

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3054.031**	**65309.31**	**10317.83**	**2257.667**	**3952.510**
Stddev	26.240	86.04	46.43	5.053	30.051
%RSD	.8591818	.1317376	.4499842	.2238203	.7603031
#1	3042.096	65348.79	10266.27	2252.488	3940.978
#2	3035.881	65368.53	10356.33	2262.584	3929.934
#3	3084.117	65210.62	10330.89	2257.928	3986.620

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035

Sample Name: Q2195-01MS Acquired: 6/5/2025 20:16:52 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v91) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Q2195-01MS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.6828152**	**1.916479**	**1.113803**	**1.570347**	**.2648888**	**146.4540**
Stddev	.0070265	.030572	.011823	.020833	.0026651	.3651
%RSD	1.029049	1.595195	1.061541	1.326671	1.006117	.2492774
#1	.6862710	1.939791	1.117133	1.587326	.2646915	146.7565
#2	.6874446	1.927779	1.123604	1.576616	.2676470	146.5569
#3	.6747300	1.881866	1.100671	1.547099	.2623278	146.0485

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.9438511**	**.1523955**	**.2228072**	**69.84364**	**.7742189**	**.4453624**
Stddev	.0067620	.0016321	.0043918	1.03593	.0039231	.0056541
%RSD	.7164279	1.070948	1.971135	1.483219	.5067216	1.269549
#1	.9482550	.1538726	.2251247	69.33619	.7780431	.4479781
#2	.9472331	.1526705	.2255548	69.15927	.7744098	.4492351
#3	.9360654	.1506434	.2177420	71.03547	.7702038	.4388741

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.114738**	**345.9849**	**4.456759**	**90.52347**	**.9392110**	**.0779985**
Stddev	.013514	7.8846	.049661	2.30162	.0103188	.0025456
%RSD	1.212288	2.278878	1.114290	2.542568	1.098670	3.263673
#1	1.122892	340.9015	4.435077	89.28474	.9439057	.0757970
#2	1.122183	341.9855	4.421626	89.10651	.9463478	.0774124
#3	1.099139	355.0676	4.513575	93.17916	.9273796	.0807860

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.478248**	**.8118766**	**.8160562**	**52.96707**	**.7978321**	**.3402714**
Stddev	.012094	.0049456	.0008377	.20558	.0242952	.0033105
%RSD	.2700683	.6091534	.1026579	.3881316	3.045155	.9729028
#1	4.464531	.8078031	.8157323	52.77510	.7802434	.3428566
#2	4.487378	.8104474	.8170075	52.94210	.7876993	.3414175
#3	4.482834	.8173794	.8154288	53.18399	.8255535	.3365401

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035

Sample Name: Q2195-01MS Acquired: 6/5/2025 20:16:52 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v91) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Q2195-01MS Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7262668	13.14923	4.960993	F 23.46490	15.15580	.4614978
Stddev	.0089391	.01565	.066276	.32783	.19732	.0021251
%RSD	1.230832	.1190296	1.335951	1.397109	1.301964	.4604814
#1	.7283782	13.15183	4.910887	23.63065	15.25194	.4625781
#2	.7339613	13.13244	4.935951	23.67676	15.28663	.4628658
#3	.7164610	13.16342	5.036142	23.08729	14.92883	.4590496

Elem	Sr4077
Units	ppm
Avg	-.046280
Stddev	.009279
%RSD	20.04927
#1	-.040103
#2	-.041786
#3	-.056950

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3589.211	77437.44	12510.45	2684.063	3597.300
Stddev	26.040	411.59	16.76	35.969	34.563
%RSD	.7254978	.5315172	.1339398	1.340077	.9608175
#1	3567.051	77777.54	12492.57	2706.969	3578.689
#2	3582.690	77554.88	12525.79	2702.613	3576.029
#3	3617.891	76979.89	12512.99	2642.606	3637.180

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035

Sample Name: Q2195-01MSD Acquired: 6/5/2025 20:20:48 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v91) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Q2195-01MSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6576251	1.874607	1.083403	1.509424	.2472084	154.1225
Stddev	.0110177	.033250	.014616	.017612	.0032172	.1120
%RSD	1.675384	1.773706	1.349075	1.166806	1.301417	.0726579
#1	.6631077	1.886423	1.090329	1.522748	.2480796	154.2433
#2	.6648260	1.900334	1.093269	1.516068	.2499003	154.1021
#3	.6449417	1.837062	1.066612	1.489457	.2436453	154.0221

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8492361	.1468133	.2167493	62.59757	.6718942	.4195121
Stddev	.0020166	.0009627	.0033123	.01124	.0027414	.0051388
%RSD	.2374576	.6557482	1.528154	.0179578	.4080105	1.224954
#1	.8510853	.1457823	.2182328	62.60659	.6691493	.4211702
#2	.8470860	.1476887	.2190605	62.60114	.6746321	.4236172
#3	.8495369	.1469689	.2129546	62.58498	.6719011	.4137490

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.054781	311.1431	4.072268	80.90169	.8925576	.0703017
Stddev	.012653	.5188	.005508	.10995	.0108927	.0004869
%RSD	1.199567	.1667331	.1352657	.1359065	1.220386	.6925719
#1	1.062589	311.7334	4.075349	80.88374	.8961311	.0708221
#2	1.061570	310.9357	4.065908	81.01950	.9012145	.0698572
#3	1.040182	310.7600	4.075545	80.80181	.8803270	.0702258

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.460439	.8026868	.7112584	44.85294	.7129991	.3333252
Stddev	.018561	.0003166	.0027509	.08566	.0014094	.0039587
%RSD	.3399107	.0394428	.3867716	.1909817	.1976672	1.187635
#1	5.481837	.8023217	.7083098	44.94878	.7132264	.3365996
#2	5.448693	.8028530	.7137559	44.82619	.7142810	.3344503
#3	5.450789	.8028857	.7117097	44.78384	.7114899	.3289258

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035

Sample Name: Q2195-01MSD Acquired: 6/5/2025 20:20:48 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v91) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Q2195-01MSD Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6884447	12.37975	3.769993	F 22.39469	13.98740	.4355562
Stddev	.0049543	.01305	.028114	.28119	.17886	.0007111
%RSD	.7196364	.1053767	.7457326	1.255606	1.278709	.1632631
#1	.6906762	12.39151	3.800488	22.47793	14.04116	.4362891
#2	.6918907	12.36572	3.764387	22.62486	14.13322	.4348691
#3	.6827671	12.38203	3.745105	22.08128	13.78783	.4355104

Elem	Sr4077
Units	ppm
Avg	-.033850
Stddev	.000620
%RSD	1.832100
#1	-.033753
#2	-.034513
#3	-.033285

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3589.136	81097.22	12483.70	2719.051	3614.647
Stddev	38.945	133.12	28.21	8.448	36.376
%RSD	1.085075	.1641507	.2259535	.3106825	1.006356
#1	3553.876	80978.01	12494.70	2712.049	3588.103
#2	3582.595	81240.87	12504.74	2716.671	3599.726
#3	3630.937	81072.77	12451.64	2728.433	3656.111

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035

Sample Name: Q2195-01A Acquired: 6/5/2025 20:24:44 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v91) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Q2195-01A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.7035660**	**1.953043**	**1.075610**	**1.649264**	**.6491831**	**118.2586**
Stddev	.0052529	.002048	.009771	.009882	.0059536	.2079
%RSD	.7466054	.1048735	.9083884	.5991871	.9170833	.1758242
#1	.7046982	1.952636	1.077815	1.654344	.6507169	118.4463
#2	.7081605	1.955264	1.084090	1.655573	.6542197	118.2944
#3	.6978394	1.951228	1.064925	1.637875	.6426127	118.0351

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.7479198**	**.1573276**	**.2121916**	**58.70482**	**.6465127**	**.3891567**
Stddev	.0023570	.0012076	.0024110	.25025	.0004773	.0044718
%RSD	.3151465	.7675568	1.136233	.4262866	.0738225	1.149095
#1	.7501064	.1587038	.2134519	58.81034	.6470202	.3915749
#2	.7482300	.1568340	.2137112	58.88503	.6464450	.3918986
#3	.7454231	.1564451	.2094116	58.41909	.6460728	.3839965

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.9724276**	**279.0759**	**3.714567**	**68.64293**	**.8317398**	**.0767574**
Stddev	.0080732	1.7948	.012095	.26557	.0081354	.0007017
%RSD	.8302146	.6431313	.3256232	.3868917	.9781204	.9142206
#1	.9780600	277.1052	3.724625	68.77448	.8352929	.0759591
#2	.9760443	280.6168	3.717929	68.81704	.8374944	.0772770
#3	.9631783	279.5059	3.701146	68.33725	.8224322	.0770360

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.924154**	**.7388610**	**.6820342**	**42.10321**	**.7246902**	**.3716046**
Stddev	.031416	.0028630	.0021012	.26261	.0063764	.0021766
%RSD	.6379996	.3874869	.3080826	.6237273	.8798846	.5857191
#1	4.888415	.7382130	.6819342	41.80014	.7173340	.3737692
#2	4.947410	.7419925	.6841837	42.26335	.7286384	.3716282
#3	4.936636	.7363776	.6799848	42.24616	.7280983	.3694163

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035

Sample Name: Q2195-01A Acquired: 6/5/2025 20:24:44 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v91) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Q2195-01A Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7495170	10.25363	3.836691	F 19.45470	12.23505	.4024622
Stddev	.0060885	.02997	.034610	.12799	.12420	.0007874
%RSD	.8123282	.2922993	.9020838	.6578881	1.015153	.1956440
#1	.7529774	10.27732	3.800913	19.49222	12.27172	.4016305
#2	.7530869	10.26363	3.870002	19.55974	12.33679	.4025597
#3	.7424869	10.21993	3.839157	19.31214	12.09664	.4031962

Elem	Sr4077
Units	ppm
Avg	-.000741
Stddev	.002324
%RSD	313.6117
#1	.001933
#2	-.002270
#3	-.001885

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3432.597	73392.77	11878.11	2516.429	3668.400
Stddev	16.016	254.01	63.85	17.693	26.214
%RSD	.4665934	.3460930	.5375700	.7031172	.7146019
#1	3418.888	73666.35	11813.30	2522.250	3652.619
#2	3428.701	73164.42	11880.06	2496.559	3653.921
#3	3450.202	73347.55	11940.96	2530.479	3698.660

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035

Sample Name: CCV04 Acquired: 6/5/2025 20:28:40 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v91) 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	**5.146948**	**5.047136**	**4.992925**	**5.162244**	**4.841835**	**9.617599**	**10.01800**
Stddev	.020683	.058126	.011889	.022616	.018331	.038911	.10555
%RSD	.4018450	1.151656	.2381232	.4381068	.3785973	.4045859	1.053564
#1	5.160010	5.082996	4.994125	5.163868	4.851678	9.661437	10.12149
#2	5.123102	4.980072	4.980482	5.138860	4.820685	9.587149	9.91052
#3	5.157733	5.078339	5.004170	5.184005	4.853142	9.604210	10.02197

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2322586**	**2.498337**	**24.58918**	**.9954300**	**2.494906**	**1.271897**	**5.233284**
Stddev	.0018227	.003217	.22204	.0045880	.003138	.004046	.030415
%RSD	.7847807	.1287613	.9029935	.4609009	.1257721	.3181163	.5811798
#1	.2343632	2.498628	24.84493	.9993573	2.495418	1.275165	5.262605
#2	.2311886	2.494985	24.44575	.9903872	2.491544	1.267371	5.201882
#3	.2312239	2.501399	24.47684	.9965455	2.497757	1.273153	5.235367

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.472945**	**24.20247**	**2.499093**	**1.231888**	**22.59316**	**2.482024**	**2.626394**
Stddev	.018345	.28330	.002981	.006451	.08039	.013828	.014985
%RSD	.7418400	1.170532	.1192954	.5236361	.3558167	.5571081	.5705554
#1	2.494109	24.52927	2.496372	1.236399	22.54150	2.497967	2.630153
#2	2.461569	24.02631	2.498628	1.224500	22.55220	2.474797	2.609887
#3	2.463158	24.05185	2.502279	1.234766	22.68578	2.473307	2.639141

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**25.35628**	**4.626883**	**5.164114**	**4.994638**	**4.928976**	**5.083962**	**4.790440**
Stddev	.12980	.030419	.018956	.008802	.027397	.034827	.016052
%RSD	.5119089	.6574324	.3670750	.1762364	.5558417	.6850269	.3350763
#1	25.39032	4.658086	5.179553	4.999460	4.960611	5.099473	4.789798
#2	25.21285	4.597315	5.142957	4.984478	4.913052	5.044075	4.774719
#3	25.46566	4.625250	5.169831	4.999976	4.913265	5.108338	4.806803

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035

Sample Name: CCV04 Acquired: 6/5/2025 20:28:40 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v91) 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	**4.941020**	**4.730269**	**4.631084**
Stddev	.026386	.004049	.042910
%RSD	.5340119	.0856064	.9265598
#1	4.955473	4.731866	4.676402
#2	4.910566	4.725665	4.591076
#3	4.957022	4.733276	4.625775

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2825.505**	**62603.63**	**9419.143**	**2112.107**	**3794.206**
Stddev	7.730	174.85	37.542	11.675	3.858
%RSD	.2735687	.2793017	.3985751	.5527537	.1016805
#1	2819.942	62554.64	9376.446	2115.215	3792.416
#2	2834.331	62797.76	9433.998	2121.914	3798.634
#3	2822.243	62458.50	9446.984	2099.193	3791.569

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035

Sample Name: CCB04 Acquired: 6/5/2025 20:32:51 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v91) 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	.0013281	.0010042	.0016218	.0041492	.0011238	.0067763	-.000467
Stddev	.0017435	.0004285	.0009894	.0029252	.0022276	.0055789	.000654
%RSD	131.2792	42.67173	61.00506	70.50068	198.2209	82.32982	140.2097
#1	.0000691	.0014911	.0026647	.0075045	-.001048	.0023621	.000270
#2	.0005971	.0008370	.0006965	.0021355	.003403	.0130467	-.000981
#3	.0033181	.0006845	.0015042	.0028075	.001017	.0049201	-.000689

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000531	.0001332	-.003874	.0005442	.0001700	.0001338	.0137570
Stddev	.0000398	.0000206	.012328	.0001422	.0000835	.0002346	.0013004
%RSD	75.07424	15.48047	318.2521	26.12521	49.12308	175.3052	9.452838
#1	.0000469	.0001500	-.006793	.0007073	.0002583	.0003394	.0139964
#2	.0000167	.0001102	.009652	.0004464	.0000923	-.000122	.0149212
#3	.0000956	.0001393	-.014480	.0004788	.0001594	.000184	.0123536

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004716	.0102215	.0002241	.0001261	-.057001	-.000829	.0022654
Stddev	.0001320	.0064640	.0001733	.0004708	.004498	.000267	.0003646
%RSD	27.98296	63.23952	77.33281	373.3432	7.890615	32.19477	16.09540
#1	.0004335	.0174143	.0003600	-.000012	-.061426	-.001088	.0026495
#2	.0006184	.0048984	.0002833	-.000261	-.052434	-.000555	.0022226
#3	.0003628	.0083518	.0000289	.000650	-.057143	-.000844	.0019241

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0304766	.0072206	.0010723	.0018082	.0005114	.0106815	.0009469
Stddev	.0193026	.0002636	.0001053	.0004062	.0005534	.0016119	.0028197
%RSD	63.33582	3.650978	9.817908	22.46722	108.2161	15.09060	297.7939
#1	.0261799	.0075222	.0011922	.0013503	.0001202	.0103551	-.001712
#2	.0136844	.0071053	.0009946	.0019490	.0011445	.0124316	.003904
#3	.0515654	.0070342	.0010302	.0021253	.0002693	.0092578	.000649

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035

Sample Name: CCB04 Acquired: 6/5/2025 20:32:51 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v91) 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	.0059635	.0014390	.0001651
Stddev	.0010407	.0008752	.0000774
%RSD	17.45176	60.81921	46.87514
#1	.0048480	.0012873	.0000771
#2	.0061342	.0023802	.0002227
#3	.0069083	.0006496	.0001953

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2971.771	63403.07	9719.750	2174.412	4173.051
Stddev	24.159	272.91	46.463	5.951	15.513
%RSD	.8129367	.4304433	.4780266	.2736973	.3717372
#1	2953.822	63105.43	9719.298	2169.166	4167.669
#2	2962.251	63641.55	9673.514	2173.191	4160.946
#3	2999.239	63462.24	9766.437	2180.880	4190.538

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035

Sample Name: Q2198-01 Acquired: 6/5/2025 20:37:11 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v91) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Q2198-01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0859706**	**-.004646**	**.1476233**	**.0114242**	**-.001421**	**102.5858**
Stddev	.0011528	.002330	.0020148	.0024735	.002353	2.9507
%RSD	1.340912	50.15404	1.364791	21.65121	165.5824	2.876345
#1	.0872965	-.006672	.1486957	.0127101	-.004122	99.4189
#2	.0852054	-.005166	.1488751	.0129898	.000181	105.2578
#3	.0854100	-.002100	.1452992	.0085726	-.000322	103.0808

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1335669**	**.0042760**	**.0007765**	**16.50655**	**.1355432**	**.0276541**
Stddev	.0039162	.0001208	.0003239	.34621	.0014913	.0001596
%RSD	2.932041	2.825115	41.71348	2.097392	1.100243	.5771924
#1	.1290479	.0042592	.0009232	16.13639	.1371320	.0278088
#2	.1359719	.0044044	.0010011	16.82238	.1353239	.0274900
#3	.1356808	.0041645	.0004052	16.56087	.1341736	.0276635

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1146082**	**105.9362**	**.3956252**	**14.45287**	**.0729484**	**.0049615**
Stddev	.0010872	1.8691	.0093023	.31211	.0009196	.0006713
%RSD	.9486350	1.764367	2.351280	2.159472	1.260651	13.53095
#1	.1149961	104.5192	.3856584	14.11593	.0738496	.0044268
#2	.1154483	105.2348	.4040768	14.73208	.0729843	.0047428
#3	.1133802	108.0545	.3971405	14.51060	.0720114	.0057149

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.466157**	**.1593342**	**.1903563**	**5.721386**	**.2216383**	**.0112435**
Stddev	.093846	.0039542	.0013352	.093167	.0086293	.0003245
%RSD	2.101275	2.481713	.7014200	1.628391	3.893422	2.886485
#1	4.367757	.1552116	.1903683	5.627177	.2164789	.0116172
#2	4.476046	.1630952	.1890151	5.723506	.2168356	.0110814
#3	4.554667	.1596958	.1916854	5.813474	.2316005	.0110320

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035

Sample Name: Q2198-01 Acquired: 6/5/2025 20:37:11 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v91) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Q2198-01 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0519695	1.132604	7.161328	3.465215	F 62.21393	.1270218
Stddev	.0004111	.032096	.162411	.037367	.49969	.0034787
%RSD	.7911457	2.833855	2.267889	1.078352	.8031837	2.738676
#1	.0524415	1.098969	6.998175	3.500546	62.66273	.1230092
#2	.0516890	1.162901	7.162823	3.468999	62.30358	.1288692
#3	.0517779	1.135942	7.322987	3.426099	61.67548	.1291871

Elem	Sr4077
Units	ppm
Avg	.0733358
Stddev	.0047260
%RSD	6.444291
#1	.0692602
#2	.0785164
#3	.0722308

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3212.604	70307.68	11258.24	2423.017	3949.545
Stddev	28.364	987.82	215.48	66.202	20.889
%RSD	.8828868	1.404996	1.914012	2.732213	.5288989
#1	3245.308	71017.32	11477.84	2472.280	3973.065
#2	3194.728	70726.23	11047.12	2449.006	3933.152
#3	3197.776	69179.49	11249.75	2347.764	3942.417

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035

Sample Name: Q2198-03 Acquired: 6/5/2025 20:41:20 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v91) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Q2198-03 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0890595**	**-.017202**	**.7579584**	**.0108078**	**-.000696**	**87.71075**
Stddev	.0019684	.001797	.0027268	.0035577	.001369	.30544
%RSD	2.210171	10.44468	.3597584	32.91779	196.5523	.3482309
#1	.0897416	-.017528	.7609674	.0127234	-.001715	87.75354
#2	.0905961	-.015264	.7572572	.0067028	-.001234	87.38618
#3	.0868408	-.018813	.7556507	.0129972	.000859	87.99255

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.8146858**	**.0063039**	**.0040733**	**90.32645**	**.3216497**	**.1136027**
Stddev	.0041696	.0000790	.0003253	.34072	.0006918	.0010894
%RSD	.5118103	1.252664	7.986055	.3772057	.2150744	.9589259
#1	.8147252	.0063443	.0038529	90.42841	.3217453	.1148141
#2	.8104965	.0063545	.0044469	89.94640	.3222886	.1132906
#3	.8188355	.0062129	.0039201	90.60455	.3209150	.1127035

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.6486937**	**256.6454**	**2.464956**	**60.51371**	**.2860538**	**.0145804**
Stddev	.0037574	.9195	.014570	.25503	.0014014	.0002891
%RSD	.5792293	.3582788	.5910665	.4214472	.4898989	1.982832
#1	.6501186	257.6391	2.462961	60.55914	.2875262	.0147291
#2	.6515303	255.8246	2.451488	60.23901	.2858990	.0147648
#3	.6444323	256.4724	2.480421	60.74297	.2847363	.0142472

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.054204**	**.3134086**	**1.528962**	**42.99951**	**.5280895**	**.0238738**
Stddev	.006115	.0018422	.005008	.08987	.0019626	.0004568
%RSD	.1508310	.5878028	.3275692	.2090017	.3716394	1.913301
#1	4.059187	.3152748	1.533501	43.10063	.5296280	.0238528
#2	4.047380	.3115913	1.529796	42.92877	.5258792	.0243408
#3	4.056045	.3133595	1.523589	42.96913	.5287612	.0234279

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035

Sample Name: Q2198-03 Acquired: 6/5/2025 20:41:20 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v91) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Q2198-03 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1127391	6.370325	4.837330	6.360490	F 82.69373	.2944575
Stddev	.0016059	.027828	.002011	.049631	.56227	.0002624
%RSD	1.424419	.4368454	.0415685	.7802954	.6799384	.0891273
#1	.1144727	6.371603	4.838806	6.403856	83.25599	.2946039
#2	.1113024	6.341879	4.838145	6.371253	82.69373	.2946139
#3	.1124422	6.397492	4.835040	6.306361	82.13146	.2941545

Elem	Sr4077
Units	ppm
Avg	.1252692
Stddev	.0016946
%RSD	1.352790
#1	.1238320
#2	.1248377
#3	.1271379

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3064.357	65618.84	10968.50	2223.806	3708.669
Stddev	20.530	289.03	15.05	21.436	14.177
%RSD	.6699662	.4404619	.1371947	.9639386	.3822586
#1	3079.033	65341.43	10960.06	2205.697	3713.765
#2	3040.896	65596.87	10985.87	2218.247	3692.648
#3	3073.141	65918.22	10959.56	2247.474	3719.593

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035

Sample Name: PB168279BL Acquired: 6/5/2025 20:45:25 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v91) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: PB168279BL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010829	.0003608	-.000349	.0028712	.0003828	.0058974	-.000464
Stddev	.0021049	.0001626	.000319	.0028247	.0005256	.0036135	.001158
%RSD	194.3889	45.07629	91.26675	98.37901	137.3069	61.27275	249.3616
#1	-.000018	.0005474	-.000717	.0005740	.0007777	.0045324	.000551
#2	.003510	.0002497	-.000171	.0020145	.0005845	.0099946	-.000219
#3	-.000243	.0002851	-.000160	.0060250	-.000214	.0031653	-.001726

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000722	-.000010	-.001890	.0012946	.0002691	.0003192	.0149737
Stddev	.0000372	.000080	.004159	.0003883	.0003690	.0001149	.0016525
%RSD	51.56956	817.0596	220.0828	29.99029	137.1288	36.00020	11.03572
#1	.0000850	-.000048	-.006298	.0015839	.0000580	.0001953	.0134712
#2	.0001014	.000082	.001965	.0008534	.0000541	.0003400	.0167435
#3	.0000303	-.000063	-.001337	.0014466	.0006951	.0004222	.0147063

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003665	.0255889	-.000028	-.000137	-.054410	-.000581	.0012093
Stddev	.0002054	.0200421	.000154	.000036	.007831	.001575	.0000890
%RSD	56.04558	78.32350	546.2757	25.91012	14.39338	271.2636	7.361985
#1	.0003528	.0461375	.000085	-.000096	-.056129	-.000474	.0013044
#2	.0001682	.0245341	.000034	-.000156	-.045862	-.002207	.0011956
#3	.0005783	.0060950	-.000203	-.000159	-.061239	.000939	.0011279

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0190706	.0001225	.0002358	-.000013	.0007877	.0046960	.0029512
Stddev	.0350941	.0007575	.0001159	.000570	.0004471	.0032418	.0018480
%RSD	184.0220	618.3613	49.17117	4227.929	56.75535	69.03310	62.61695
#1	-.001677	-.000477	.0001116	.000225	.0007108	.0078368	.0008575
#2	.059590	.000974	.0003411	.000399	.0012682	.0013618	.0043548
#3	-.000701	-.000130	.0002547	-.000664	.0003841	.0048894	.0036414

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035

Sample Name: PB168279BL Acquired: 6/5/2025 20:45:25 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v91) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: PB168279BL Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0067980	.0007989	-.000021
Stddev	.0020201	.0006577	.000060
%RSD	29.71529	82.32417	280.4372
#1	.0062116	.0000551	-.000031
#2	.0090464	.0010381	.000043
#3	.0051361	.0013036	-.000076

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2928.594	62182.84	10073.48	2154.957	4079.323
Stddev	12.906	111.99	37.85	4.399	13.824
%RSD	.4406911	.1800958	.3757611	.2041335	.3388843
#1	2924.694	62246.85	10077.66	2150.218	4071.587
#2	2918.087	62248.15	10033.71	2155.744	4071.099
#3	2943.000	62053.53	10109.06	2158.910	4095.284

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035

Sample Name: PB168279BS Acquired: 6/5/2025 20:49:45 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v91) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: PB168279BS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.7900913**	**1.993004**	**.9526413**	**1.994325**	**.8104972**	**1.849030**	**.1889173**
Stddev	.0019764	.030178	.0040239	.009031	.0046712	.011683	.0004913
%RSD	.2501495	1.514218	.4223961	.4528294	.5763325	.6318573	.2600714
#1	.7923600	1.984858	.9493606	1.983920	.8066099	1.862517	.1892251
#2	.7887428	2.026419	.9514321	1.998935	.8092025	1.842571	.1883507
#3	.7891710	1.967734	.9571311	2.000121	.8156791	1.842003	.1891762

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1855559**	**.1930614**	**.9794962**	**.4066321**	**.1944793**	**.3090244**	**3.201322**
Stddev	.0005805	.0007425	.0040418	.0003329	.0006774	.0007043	.022227
%RSD	.3128226	.3846027	.4126407	.0818777	.3483201	.2279221	.6942986
#1	.1860946	.1926989	.9797861	.4066497	.1942177	.3088052	3.187080
#2	.1849411	.1925698	.9753173	.4069559	.1939717	.3084557	3.226934
#3	.1856320	.1939155	.9833853	.4062907	.1952485	.3098122	3.189953

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1958742**	**1.914263**	**.4897409**	**.0733904**	**1.468506**	**.2890244**	**.2200871**
Stddev	.0009201	.015286	.0020626	.0002392	.004445	.0032668	.0005879
%RSD	.4697365	.7985178	.4211604	.3259242	.3026572	1.130295	.2671411
#1	.1961589	1.916184	.4887108	.0731563	1.463549	.2877953	.2194409
#2	.1948454	1.898108	.4883961	.0736344	1.472134	.2865505	.2205904
#3	.1966183	1.928498	.4921156	.0733805	1.469837	.2927276	.2202301

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**9.823300**	**.2729605**	**.4414127**	**.7175658**	**.2028944**	**.9082994**	**5.408342**
Stddev	.058604	.0013890	.0020035	.0020891	.0004779	.0045471	.012272
%RSD	.5965842	.5088722	.4538874	.2911327	.2355521	.5006187	.2269122
#1	9.768572	.2737757	.4393330	.7157020	.2034250	.9031136	5.394822
#2	9.885133	.2713566	.4415748	.7171714	.2027604	.9116045	5.411426
#3	9.816195	.2737490	.4433302	.7198239	.2024978	.9101801	5.418778

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035

Sample Name: PB168279BS Acquired: 6/5/2025 20:49:45 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v91) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: PB168279BS Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.006430	.1866169	.1749351
Stddev	.002308	.0006529	.0006738
%RSD	35.88755	.3498544	.3851846
#1	-.005854	.1872076	.1757109
#2	-.008971	.1859159	.1745982
#3	-.004465	.1867273	.1744960

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2965.438	62352.85	9735.582	2144.506	4175.535
Stddev	11.010	126.22	32.952	4.806	10.991
%RSD	.3712874	.2024355	.3384748	.2240946	.2632216
#1	2977.114	62476.35	9709.655	2149.530	4185.483
#2	2963.954	62358.14	9772.664	2144.036	4177.386
#3	2955.244	62224.07	9724.426	2139.953	4163.736

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035

Sample Name: PB168291BL Acquired: 6/5/2025 20:53:45 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v91) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: PB168291BL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0005818**	**.0003237**	**.0001603**	**.0034086**	**.0005358**	**.0048365**	**-.000332**
Stddev	.0022329	.0010748	.0008507	.0005040	.0018957	.0041486	.000560
%RSD	383.8261	332.0634	530.7824	14.78642	353.8308	85.77581	168.8106
#1	-.001096	.0000176	-.000812	.0036796	-.001624	.0031069	-.000240
#2	.003116	.0015183	.000522	.0037191	.001305	.0018326	-.000932
#3	-.000275	-.000565	.000770	.0028271	.001926	.0095701	.000177

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0000428**	**.0000869**	**-.003228**	**.0004474**	**-.000032**	**-.000003**	**.0016642**
Stddev	.0000386	.0000568	.005541	.0001316	.000188	.000056	.0027198
%RSD	90.02826	65.36313	171.6580	29.40395	581.7262	1833.392	163.4242
#1	.0000587	.0000600	.001206	.0005550	-.000248	.000055	.0029987
#2	.0000710	.0000485	-.001450	.0003008	.000095	-.000057	-.001465
#3	-.000001	.0001522	-.009439	.0004865	.000056	-.000007	.003459

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000012**	**.0205444**	**-.000292**	**-.000477**	**-.060945**	**.0008461**	**.0015106**
Stddev	.000321	.0019530	.000462	.000331	.008462	.0003614	.0002172
%RSD	2616.285	9.506448	158.3819	69.45028	13.88397	42.70937	14.37585
#1	-.000316	.0222521	-.000491	-.000857	-.070711	.0012633	.0013063
#2	.000323	.0184149	-.000622	-.000249	-.055785	.0006429	.0017386
#3	-.000044	.0209661	.000237	-.000325	-.056341	.0006321	.0014869

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0223899**	**-.000871**	**.0000676**	**.0003203**	**.0001392**	**.0062949**	**.0011016**
Stddev	.0176539	.001294	.0002084	.0006189	.0002747	.0089983	.0009908
%RSD	78.84747	148.5685	308.3615	193.2432	197.2657	142.9446	89.94617
#1	.0103130	-.002353	-.000150	.0009777	-.000064	.0119878	.0012902
#2	.0426505	.000034	.000086	-.000251	.000030	-.004079	.0000300
#3	.0142062	-.000294	.000266	.000234	.000452	.010976	.0019845

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035

Sample Name: PB168291BL Acquired: 6/5/2025 20:53:45 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v91) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: PB168291BL Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0027016	.0007033	-.000024
Stddev	.0040359	.0005221	.000069
%RSD	149.3896	74.23865	281.5790
#1	-.000976	.0006211	.000055
#2	.007020	.0002272	-.000059
#3	.002061	.0012617	-.000069

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3013.139	63172.04	9870.838	2175.994	4262.031
Stddev	9.949	98.56	7.963	18.300	7.761
%RSD	.3302035	.1560260	.0806707	.8409829	.1821078
#1	3024.592	63170.39	9864.533	2196.750	4266.060
#2	3006.627	63074.30	9868.194	2162.185	4253.083
#3	3008.198	63271.41	9879.787	2169.047	4266.949

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035

Sample Name: PB168291BS Acquired: 6/5/2025 20:58:05 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v91) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: PB168291BS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.8331710**	**2.081558**	**1.007878**	**2.083217**	**.8195671**	**1.924605**	**.2014651**
Stddev	.0020497	.009407	.001698	.001522	.0051509	.007438	.0019525
%RSD	.2460062	.4519392	.1684431	.0730675	.6284849	.3864452	.9691657
#1	.8331154	2.083051	1.005917	2.083982	.8200577	1.916842	.1995214
#2	.8352479	2.090129	1.008854	2.084205	.8244551	1.931667	.2034264
#3	.8311497	2.071493	1.008862	2.081464	.8141885	1.925306	.2014475

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1904145**	**.2051323**	**1.048125**	**.4310704**	**.2061786**	**.3226779**	**3.552550**
Stddev	.0026812	.0007734	.013192	.0025354	.0002557	.0007183	.028692
%RSD	1.408098	.3770070	1.258626	.5881520	.1240194	.2225914	.8076350
#1	.1873237	.2054905	1.043163	.4284899	.2064738	.3231675	3.583803
#2	.1918045	.2042448	1.063079	.4311633	.2060257	.3230129	3.546446
#3	.1921153	.2056617	1.038134	.4335581	.2060363	.3218533	3.527402

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2069364**	**2.052602**	**.5178854**	**.0774494**	**1.609826**	**.3065546**	**.2334397**
Stddev	.0015584	.025080	.0016097	.0004418	.004867	.0006391	.0010086
%RSD	.7530752	1.221861	.3108196	.5704079	.3023179	.2084769	.4320465
#1	.2054035	2.061729	.5190731	.0778151	1.615091	.3058280	.2333733
#2	.2085191	2.071840	.5160534	.0775747	1.605491	.3070295	.2324659
#3	.2068866	2.024236	.5185298	.0769586	1.608898	.3068064	.2344798

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**10.68725**	**.2782774**	**.4486422**	**.7391868**	**.2075740**	**.9663369**	**5.701593**
Stddev	.08831	.0046553	.0020550	.0027288	.0016793	.0154599	.011647
%RSD	.8263337	1.672895	.4580531	.3691580	.8090337	1.599844	.2042761
#1	10.74157	.2735562	.4477923	.7409855	.2057036	.9835498	5.692097
#2	10.73483	.2784122	.4509858	.7360470	.2089524	.9618287	5.698094
#3	10.58535	.2828639	.4471484	.7405279	.2080659	.9536323	5.714588

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035

Sample Name: PB168291BS Acquired: 6/5/2025 20:58:05 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v91) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: PB168291BS Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.008649	.1907827	.1827912
Stddev	.000636	.0015549	.0016978
%RSD	7.357962	.8150323	.9288011
#1	-.007987	.1890397	.1809362
#2	-.008704	.1920273	.1842681
#3	-.009256	.1912811	.1831692

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3026.640	61778.94	10047.98	2132.107	4230.519
Stddev	25.526	417.68	38.40	25.769	23.127
%RSD	.8433635	.6760823	.3821984	1.208626	.5466715
#1	3031.436	61340.04	10090.21	2102.504	4235.117
#2	2999.057	61825.23	10015.13	2144.299	4205.439
#3	3049.427	62171.54	10038.62	2149.517	4251.003

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035

Sample Name: Q2214-01 Acquired: 6/5/2025 21:02:05 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v91) 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	.0821592	-.012681	2.278041	.0080902	.0020342	88.92221	1.057800
Stddev	.0018572	.004914	.013101	.0008264	.0020135	.03902	.001500
%RSD	2.260452	38.75395	.5751121	10.21431	98.98012	.0438754	.1418388
#1	.0800284	-.016310	2.280131	.0073548	.0001849	88.92923	1.059515
#2	.0834341	-.007088	2.289971	.0079313	.0017386	88.88016	1.057161
#3	.0830151	-.014644	2.264020	.0089844	.0041792	88.95724	1.056726

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0063606	.0058787	53.71470	.1682788	.0808512	.5443108	199.4792
Stddev	.0000953	.0003879	.20550	.0006438	.0003009	.0045408	1.2239
%RSD	1.498061	6.597576	.3825702	.3825762	.3721739	.8342310	.6135303
#1	.0064012	.0058391	53.70344	.1685299	.0811578	.5450879	199.6472
#2	.0064287	.0062848	53.51506	.1675473	.0808396	.5484130	198.1800
#3	.0062517	.0055122	53.92559	.1687593	.0805563	.5394316	200.6104

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.943399	34.69774	.2001355	.0120058	7.870345	.2560575	1.295537
Stddev	.011623	.10940	.0010723	.0003076	.035952	.0007730	.005718
%RSD	.2351198	.3152997	.5358138	2.561755	.4567978	.3018998	.4413675
#1	4.946721	34.74506	.2003288	.0123354	7.873238	.2552453	1.299953
#2	4.930477	34.57264	.2010981	.0117265	7.833035	.2561428	1.289078
#3	4.953000	34.77552	.1989797	.0119556	7.904763	.2567842	1.297580

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.321853	.3854736	.0095967	.0452689	1.971241	5.808720	10.65385
Stddev	.053392	.0051331	.0003209	.0006947	.007266	.093771	.07342
%RSD	.8445676	1.331621	3.343431	1.534633	.3685774	1.614316	.6891233
#1	6.341509	.3863788	.0092344	.0450692	1.966948	5.873053	10.66139
#2	6.261419	.3799481	.0097109	.0446960	1.967146	5.851979	10.72320
#3	6.362631	.3900938	.0098449	.0460417	1.979630	5.701128	10.57695

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035

Sample Name: Q2214-01 Acquired: 6/5/2025 21:02:05 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v91) 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	6.669021	.1590434	-.047091
Stddev	.055071	.0011417	.001050
%RSD	.8257669	.7178478	2.228803
#1	6.690164	.1594860	-.047361
#2	6.710386	.1577467	-.045932
#3	6.606512	.1598976	-.047978

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3350.632	70110.55	11855.05	2375.869	3861.045
Stddev	6.727	273.36	15.38	15.447	6.133
%RSD	.2007783	.3898962	.1297597	.6501756	.1588452
#1	3343.213	70207.37	11872.71	2375.831	3854.568
#2	3352.346	70322.32	11844.52	2391.334	3861.803
#3	3356.336	69801.96	11847.93	2360.440	3866.764

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035

Sample Name: Q2219-01 Acquired: 6/5/2025 21:06:07 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v91) 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	**.0391901**	**-.012504**	**.2885213**	**.0079440**	**-.001288**	**67.15526**	**.4428758**
Stddev	.0018592	.002613	.0012252	.0031942	.001883	.19877	.0006056
%RSD	4.743966	20.89402	.4246566	40.20894	146.2251	.2959843	.1367441
#1	.0403990	-.012666	.2884608	.0044144	-.000602	67.15590	.4434903
#2	.0401221	-.009815	.2897756	.0087818	-.003418	67.35370	.4422795
#3	.0370493	-.015032	.2873274	.0106357	.000156	66.95617	.4428576

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0050358**	**.0025938**	**16.83231**	**.1206666**	**.0743091**	**.2601304**	**177.0925**
Stddev	.0000273	.0002949	.03979	.0012777	.0002938	.0003566	2.0153
%RSD	.5423772	11.37024	.2364102	1.058839	.3953048	.1370824	1.138005
#1	.0050279	.0025031	16.81605	.1194217	.0746478	.2605049	178.5190
#2	.0050662	.0029235	16.80322	.1219747	.0741558	.2597950	174.7869
#3	.0050133	.0023549	16.87765	.1206034	.0741237	.2600912	177.9715

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.632124**	**19.72782**	**.1319507**	**.0078210**	**1.020438**	**.2189119**	**.5768243**
Stddev	.005410	.08531	.0004552	.0003277	.021082	.0012404	.0003931
%RSD	.2055337	.4324191	.3449435	4.189766	2.065992	.5666226	.0681513
#1	2.631554	19.67892	.1324074	.0078483	1.040093	.2198902	.5770567
#2	2.627022	19.67821	.1314971	.0074806	.998172	.2175168	.5763705
#3	2.637796	19.82632	.1319476	.0081343	1.023047	.2193289	.5770459

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**5.267936**	**.3261374**	**.0013893**	**.0098698**	**2.194388**	**7.123690**	**5.075873**
Stddev	.071940	.0086231	.0003531	.0008808	.003937	.028915	.022981
%RSD	1.365612	2.644006	25.41442	8.924599	.1794161	.4059051	.4527584
#1	5.312662	.3345255	.0017906	.0107224	2.193921	7.155524	5.102193
#2	5.184951	.3172971	.0012507	.0099236	2.190705	7.099053	5.065649
#3	5.306195	.3265897	.0011265	.0089632	2.198537	7.116491	5.059778

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035

Sample Name: Q2219-01 Acquired: 6/5/2025 21:06:07 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v91) 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	.8991949	.1430681	-.103833
Stddev	.0041976	.0012287	.001740
%RSD	.4668163	.8588436	1.675841
#1	.9005372	.1438432	-.104944
#2	.9025571	.1416514	-.101828
#3	.8944903	.1437098	-.104727

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3332.538	71051.68	11592.17	2464.751	3952.121
Stddev	16.253	539.38	25.99	39.046	11.339
%RSD	.4877148	.7591339	.2241846	1.584180	.2869198
#1	3350.611	70600.65	11618.57	2435.602	3963.872
#2	3319.122	71649.16	11566.61	2509.114	3941.243
#3	3327.881	70905.23	11591.32	2449.536	3951.248

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035

Sample Name: Q2224-01 Acquired: 6/5/2025 21:10:13 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v91) 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	.0365369	-.016667	.3590408	.0033149	-.002508	102.3517	.5362399
Stddev	.0024371	.000932	.0008367	.0023228	.002747	.1427	.0015249
%RSD	6.670162	5.594451	.2330307	70.07177	109.5325	.1394243	.2843769
#1	.0344218	-.016578	.3582326	.0006421	-.005585	102.2758	.5360366
#2	.0392020	-.015783	.3589863	.0044576	-.000302	102.2630	.5378563
#3	.0359870	-.017642	.3599033	.0048449	-.001637	102.5163	.5348268

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0059884	.0056242	156.4962	.1968153	.1269939	.5215519	235.5796
Stddev	.0000287	.0001343	.4074	.0009326	.0004361	.0018032	1.4776
%RSD	.4789438	2.388480	.2603045	.4738301	.3433670	.3457328	.6272086
#1	.0059899	.0055247	156.1694	.1975896	.1269539	.5207078	235.6962
#2	.0059590	.0055708	156.9526	.1957800	.1274486	.5203256	236.9954
#3	.0060163	.0057770	156.3666	.1970761	.1265793	.5236223	234.0472

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.993651	44.28804	.2144004	.0104324	10.68831	.4134693	.5399155
Stddev	.008676	.08749	.0001000	.0007191	.06546	.0021497	.0022940
%RSD	.2898182	.1975559	.0466332	6.893272	.6124112	.5199245	.4248737
#1	2.991756	44.25560	.2144588	.0106908	10.68903	.4122087	.5424486
#2	3.003118	44.38712	.2142849	.0109867	10.75340	.4122476	.5379782
#3	2.986079	44.22140	.2144574	.0096198	10.62249	.4159515	.5393197

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.14259	.4744931	.0040676	.0222086	4.449407	6.367539	6.273541
Stddev	.07071	.0060765	.0004116	.0006049	.005584	.088415	.016868
%RSD	.6971171	1.280622	10.11881	2.723648	.1254895	1.388528	.2688689
#1	10.14890	.4723776	.0036514	.0226569	4.445226	6.372576	6.254123
#2	10.20993	.4813446	.0040770	.0224482	4.455748	6.453328	6.284560
#3	10.06894	.4697572	.0044744	.0215206	4.447248	6.276713	6.281941

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035

Sample Name: Q2224-01 Acquired: 6/5/2025 21:10:13 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v91) 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	**4.609966**	**.1712719**	**.7369073**
Stddev	.014309	.0012357	.0025706
%RSD	.3104000	.7214785	.3488294
#1	4.593502	.1712819	.7341155
#2	4.616993	.1725026	.7391762
#3	4.619403	.1700313	.7374302

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3307.034**	**69087.56**	**11363.80**	**2347.377**	**3778.741**
Stddev	15.784	189.56	35.72	6.542	11.013
%RSD	.4772956	.2743702	.3142997	.2786802	.2914340
#1	3302.862	69173.17	11401.49	2347.233	3773.727
#2	3324.485	68870.30	11359.46	2340.908	3791.369
#3	3293.755	69219.21	11330.45	2353.989	3771.128

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035

Sample Name: CCV05 Acquired: 6/5/2025 23:51:38 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v91) 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	**5.067976**	**4.955021**	**4.973468**	**5.059364**	**4.726602**	**9.552389**	**9.951859**
Stddev	.011379	.008071	.027121	.021487	.020516	.029093	.089042
%RSD	.2245362	.1628795	.5453198	.4247048	.4340551	.3045614	.8947317
#1	5.074687	4.960587	4.992991	5.073148	4.743491	9.581717	9.994936
#2	5.074403	4.958711	4.984913	5.070339	4.732545	9.523537	10.01117
#3	5.054837	4.945765	4.942500	5.034606	4.703771	9.551912	9.84947

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2391645**	**2.495399**	**24.67660**	**1.013146**	**2.480245**	**1.251379**	**5.318238**
Stddev	.0018122	.010892	.06002	.003895	.014327	.005002	.043651
%RSD	.7577017	.4364916	.2432411	.3844809	.5776554	.3997535	.8207800
#1	.2412508	2.502550	24.74575	1.011901	2.488238	1.255545	5.270708
#2	.2379828	2.500783	24.63799	1.017511	2.488793	1.252761	5.356532
#3	.2382597	2.482863	24.64605	1.010025	2.463705	1.245831	5.327474

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.480109**	**24.31545**	**2.488072**	**1.256406**	**22.98676**	**2.469188**	**2.666470**
Stddev	.009397	.04712	.013063	.002636	.17739	.009133	.007127
%RSD	.3788849	.1937756	.5250384	.2097956	.7717022	.3698655	.2672974
#1	2.490854	24.36919	2.495696	1.253745	22.79739	2.478702	2.660264
#2	2.473431	24.28125	2.495532	1.259016	23.14905	2.460491	2.674254
#3	2.476041	24.29590	2.472988	1.256458	23.01385	2.468372	2.664892

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**25.60384**	**4.711193**	**5.047409**	**4.963964**	**4.922140**	**5.164906**	**4.874067**
Stddev	.18169	.035431	.023282	.024133	.015647	.049331	.026075
%RSD	.7096184	.7520585	.4612577	.4861619	.3178816	.9551146	.5349798
#1	25.39831	4.750280	5.063912	4.986083	4.939149	5.110905	4.878322
#2	25.74306	4.681184	5.057535	4.967584	4.908360	5.207604	4.897754
#3	25.67015	4.702117	5.020779	4.938226	4.918911	5.176209	4.846126

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035

Sample Name: CCV05 Acquired: 6/5/2025 23:51:38 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v91) 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	**4.971660**	**4.659377**	**4.643344**
Stddev	.027135	.016454	.041124
%RSD	.5457910	.3531321	.8856575
#1	4.991255	4.670979	4.690540
#2	4.983036	4.640547	4.615212
#3	4.940689	4.666606	4.624278

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2901.460**	**61383.98**	**9392.520**	**2145.464**	**3857.170**
Stddev	13.991	257.09	53.839	6.038	21.167
%RSD	.4822111	.4188228	.5732084	.2814409	.5487577
#1	2891.261	61568.66	9330.434	2152.162	3842.911
#2	2895.708	61090.35	9426.321	2140.438	3847.108
#3	2917.410	61492.93	9420.804	2143.792	3881.490

Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035

Sample Name: CCB05 Acquired: 6/5/2025 23:56:09 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v91) 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	**.0023817**	**.0015490**	**.0005374**	**.0027668**	**.0004151**	**.0086374**	**.0013774**
Stddev	.0005985	.0003266	.0005522	.0009703	.0010977	.0015587	.0007322
%RSD	25.13096	21.08278	102.7541	35.06947	264.4057	18.04618	53.16068
#1	.0030642	.0013208	.0002000	.0024259	.0003278	.0073606	.0009708
#2	.0021345	.0019231	.0002375	.0020129	-.000636	.0081773	.0022226
#3	.0019462	.0014030	.0011746	.0038615	.001554	.0103744	.0009386

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0000309**	**.0001725**	**-.000440**	**.0005861**	**.0001856**	**.0018857**	**.0055939**
Stddev	.0000566	.0000225	.010582	.0002538	.0004315	.0000434	.0033193
%RSD	183.3674	13.02200	2407.008	43.29210	232.5055	2.302628	59.33721
#1	-.000030	.0001838	.011487	.0003916	.0006615	.0019167	.0035192
#2	.000040	.0001466	-.008701	.0008732	-.000180	.0018361	.0094222
#3	.000083	.0001871	-.004105	.0004936	.000075	.0019044	.0038403

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0004597**	**.0254267**	**-.000017**	**.0000522**	**-.053210**	**.0008041**	**.0019880**
Stddev	.0002642	.0064393	.000059	.0006456	.005469	.0019931	.0002211
%RSD	57.46800	25.32486	344.4736	1236.328	10.27795	247.8555	11.12333
#1	.0007256	.0186414	-.000073	.0004262	-.059057	.0028743	.0017544
#2	.0004560	.0261862	-.000022	.0004237	-.052351	.0006397	.0020156
#3	.0001973	.0314526	.000044	-.000693	-.048221	-.001102	.0021941

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.008005**	**.0051292**	**.0011169**	**.0018902**	**.0008495**	**.0057477**	**-.000802**
Stddev	.035103	.0010354	.0002014	.0001845	.0003543	.0074779	.000966
%RSD	438.4999	20.18630	18.03208	9.760191	41.71114	130.1024	120.4122
#1	.021028	.0050750	.0010991	.0021001	.0012561	.0142906	-.000233
#2	-.047017	.0061906	.0013265	.0017540	.0006063	.0025649	-.001917
#3	.001974	.0041219	.0009249	.0018164	.0006862	.0003878	-.000256

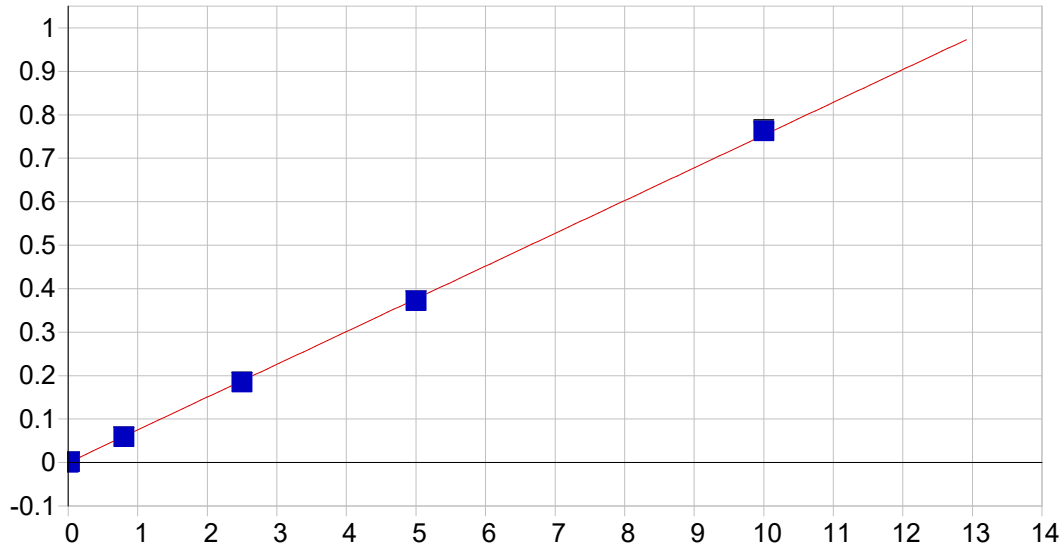
Reviewed By:MOHAN
On:6/6/2025 7:09:42 PM
Inst Id :P4
LB :LB136035

Sample Name: CCB05 Acquired: 6/5/2025 23:56:09 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v91) 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	.0001806	.0002829	.0002645
Stddev	.0025953	.0005517	.0000532
%RSD	1436.827	194.9954	20.10720
#1	-.002425	-.000066	.0002139
#2	.002765	-.000004	.0002596
#3	.000202	.000919	.0003199

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3066.902	67736.76	9915.692	2299.810	4275.509
Stddev	13.159	195.13	8.236	7.934	14.659
%RSD	.4290501	.2880771	.0830585	.3450024	.3428707
#1	3080.395	67954.60	9923.816	2307.986	4291.115
#2	3054.106	67677.70	9907.349	2299.302	4262.028
#3	3066.205	67577.97	9915.911	2292.142	4273.385

Reviewed By:jaswal
On:6/10/2025 4:57:27 PM
Inst Id :P4
LB :LB136052



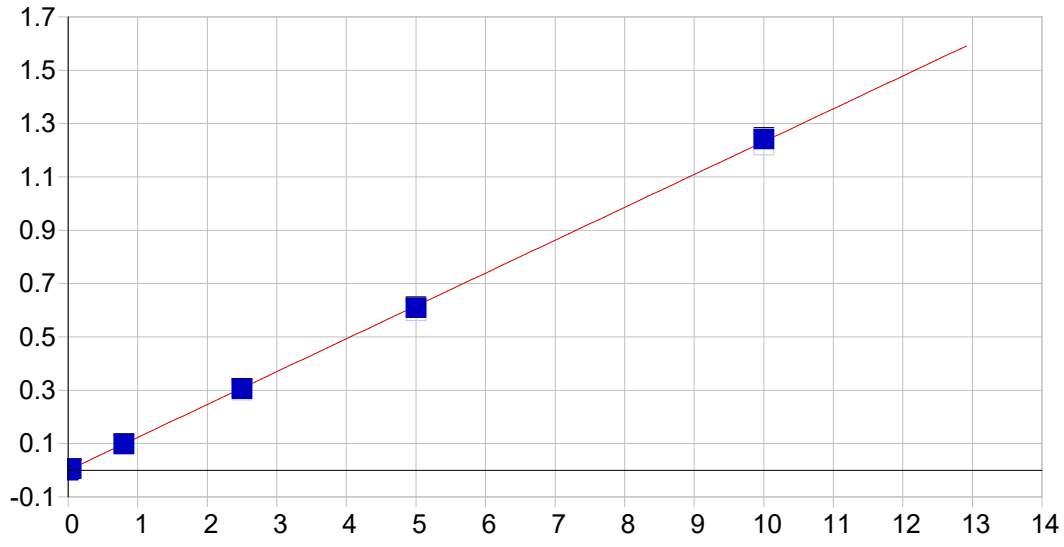
As 189.042 {479}

Date of Fit:	6/6/2025 14:38:22	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000197	Re-Slope:	1.000000
A1 (Gain):	0.075352	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999904	Status:	OK.
Std Error of Est:	0.000024		
Predicted MDL:	0.002243		
Predicted MQL:	0.007475		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00020	.000	1
S1	.02000	.02074	.001	3.70	.00136	.000	1
S3	2.5000	2.4528	-.047	-1.89	.18443	.000	1
S4	5.0000	4.9409	-.059	-1.18	.37171	.001	1
S5	10.000	10.123	.123	1.23	.76178	.004	1
S2	.80000	.78256	-.017	-2.18	.05871	.000	1

Reviewed By:jaswal
On:6/10/2025 4:57:27 PM
Inst Id :P4
LB :LB136052



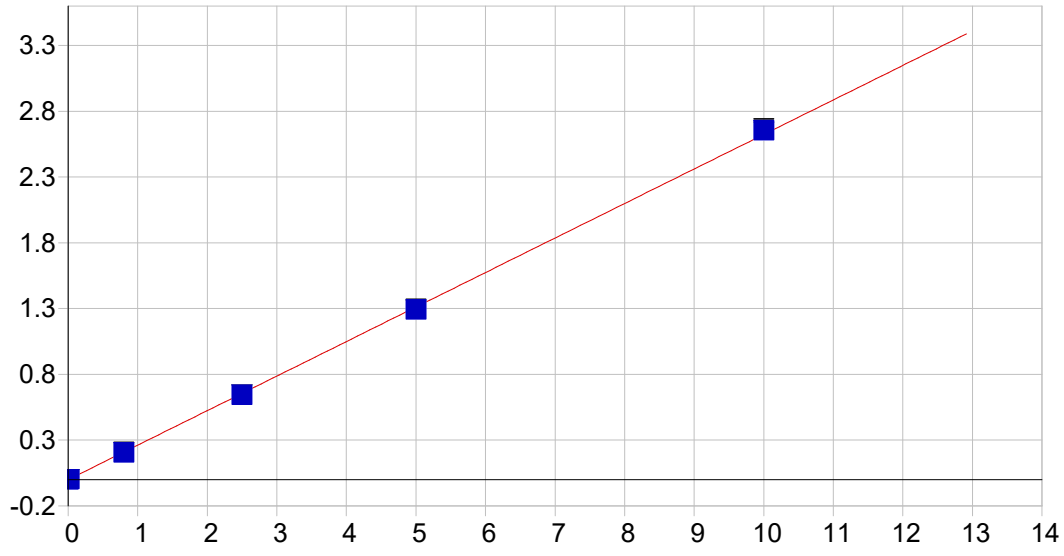
Tl 190.856 {477}

Date of Fit:	6/6/2025 14:38:22	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000050	Re-Slope:	1.000000
A1 (Gain):	0.123211	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999959	Status:	OK.
Std Error of Est:	0.000036		
Predicted MDL:	0.001497		
Predicted MQL:	0.004988		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00005	.000	1
S1	.04000	.04054	.001	1.35	.00473	.000	1
S3	2.5000	2.4796	-.020	-.816	.29990	.002	1
S4	5.0000	4.9427	-.057	-1.15	.59772	.004	1
S5	10.000	10.079	.079	.789	1.2192	.006	1
S2	.80000	.79831	-.002	-.212	.09660	.001	1

Reviewed By:jaswal
On:6/10/2025 4:57:27 PM
Inst Id :P4
LB :LB136052



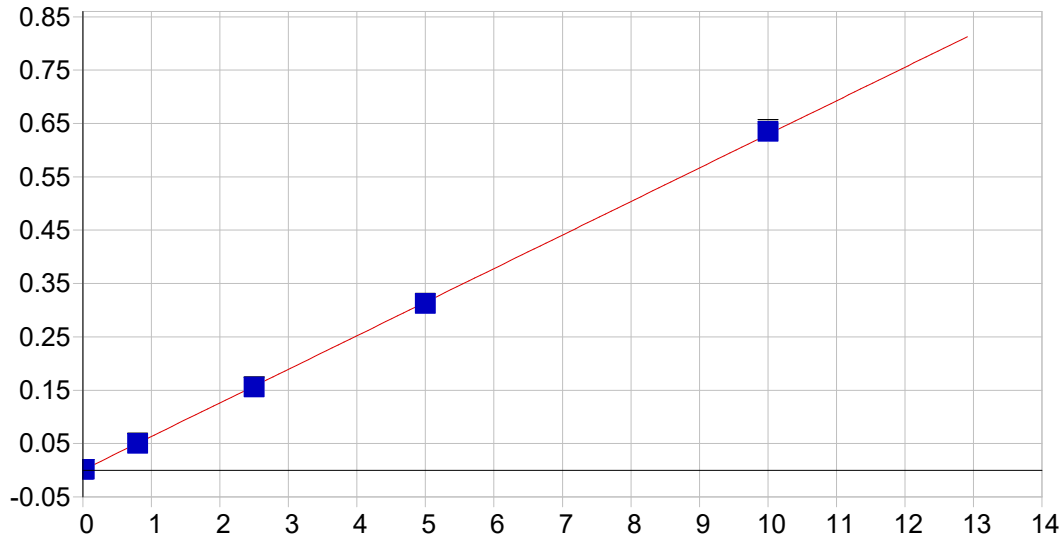
Pb 220.353 {453}

Date of Fit:	6/6/2025 14:38:22	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000296	Re-Slope:	1.000000
A1 (Gain):	0.262412	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999907	Status:	OK.
Std Error of Est:	0.000065		
Predicted MDL:	0.001529		
Predicted MQL:	0.005097		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00030	.000	1
S1	.01200	.01315	.001	9.58	.00309	.000	1
S3	2.5000	2.4596	-.040	-1.61	.64446	.001	1
S4	5.0000	4.9267	-.073	-1.47	1.2912	.004	1
S5	10.000	10.121	.121	1.21	2.6530	.012	1
S2	.80000	.79114	-.009	-1.11	.20709	.002	1

Reviewed By:jaswal
On:6/10/2025 4:57:27 PM
Inst Id :P4
LB :LB136052



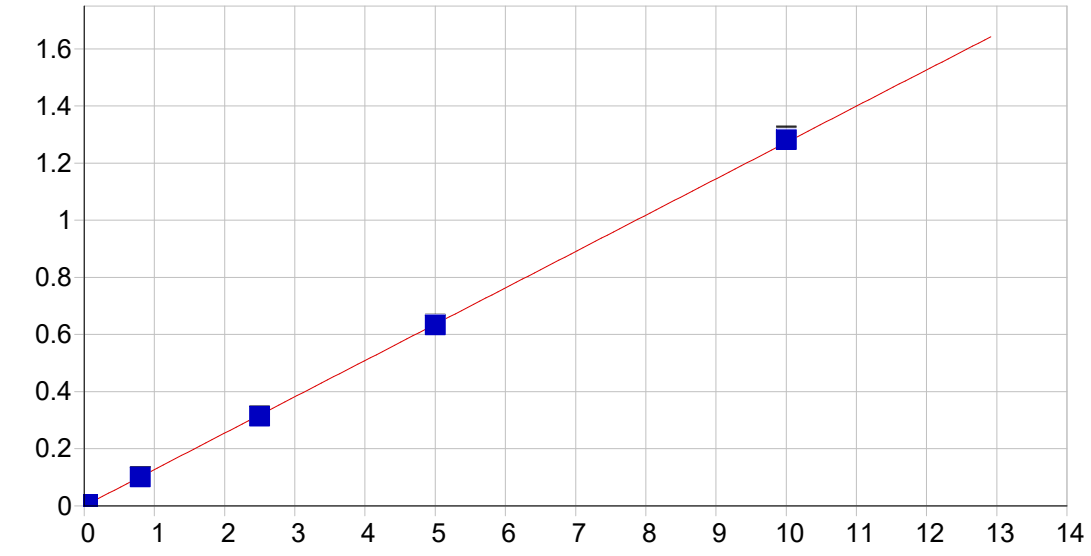
Se 196.090 {472}

Date of Fit:	6/6/2025 14:38:22	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000439	Re-Slope:	1.000000
A1 (Gain):	0.062911	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999949	Status:	OK.
Std Error of Est:	0.000015		
Predicted MDL:	0.004866		
Predicted MQL:	0.016221		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00044	.000	1
S1	.02000	.02197	.002	9.85	.00182	.000	1
S3	2.5000	2.4686	-.031	-1.26	.15568	.001	1
S4	5.0000	4.9594	-.041	-.813	.31232	.000	1
S5	10.000	10.084	.084	.840	.63459	.004	1
S2	.80000	.78615	-.014	-1.73	.04988	.001	1

Reviewed By:jaswal
On:6/10/2025 4:57:27 PM
Inst Id :P4
LB :LB136052



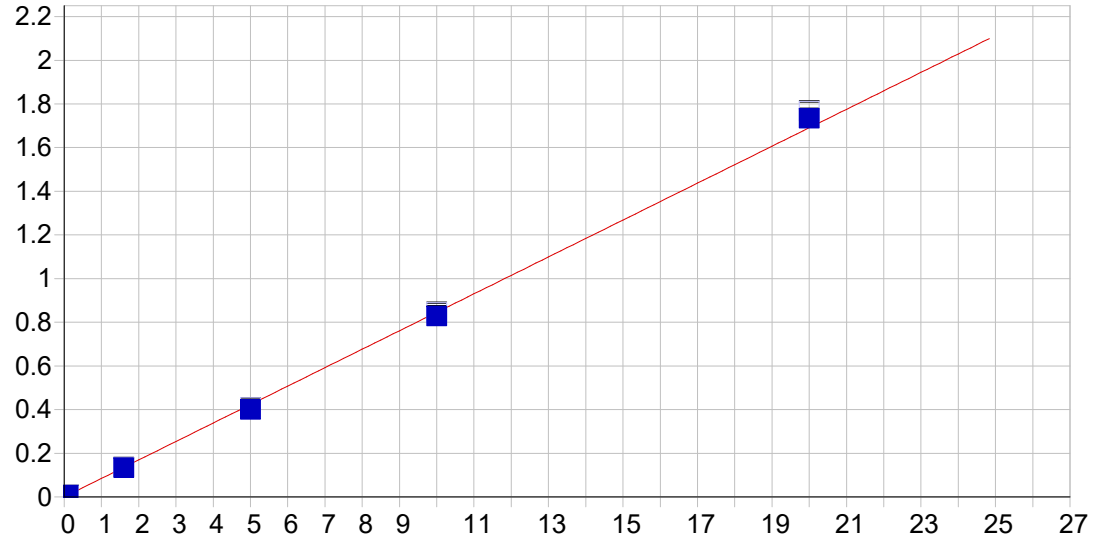
Sb 206.833 {463}

Date of Fit:	6/6/2025 14:38:22	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000270	Re-Slope:	1.000000
A1 (Gain):	0.127183	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999963	Status:	OK.
Std Error of Est:	0.000041		
Predicted MDL:	0.002252		
Predicted MQL:	0.007507		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00027	.000	1
S1	.05000	.04924	-.001	-1.53	.00655	.000	1
S3	2.5000	2.4610	-.039	-1.56	.31413	.001	1
S4	5.0000	4.9756	-.024	-.488	.63481	.001	1
S5	10.000	10.073	.073	.730	1.2848	.010	1
S2	.80000	.79117	-.009	-1.10	.10117	.001	1

Reviewed By:jaswal
On:6/10/2025 4:57:27 PM
Inst Id :P4
LB :LB136052



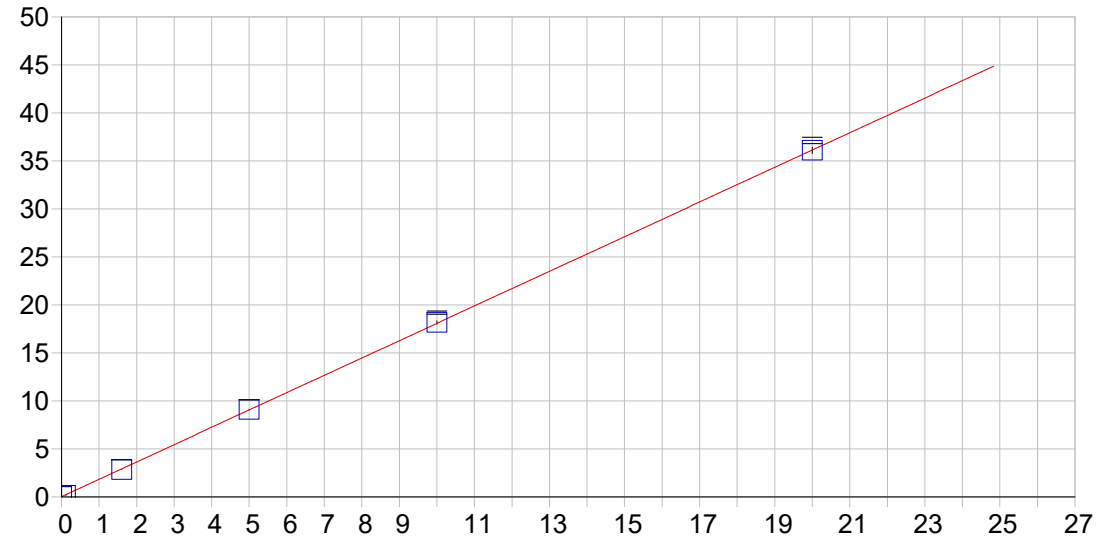
Al 396.152 { 85}

Date of Fit:	6/6/2025 14:38:22	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000311	Re-Slope:	1.000000
A1 (Gain):	0.084531	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999582	Status:	OK.
Std Error of Est:	0.000185		
Predicted MDL:	0.006777		
Predicted MQL:	0.022590		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00031	.000	1
S1	.10000	.10208	.002	2.08	.00960	.000	1
S3	5.0000	4.7305	-.269	-5.39	.40839	.000	1
S4	10.000	9.7954	-.205	-2.05	.84473	.003	1
S5	20.000	20.502	.502	2.51	1.7662	.003	1
S2	1.6000	1.5695	-.030	-1.90	.13561	.001	1

Reviewed By:jaswal
On:6/10/2025 4:57:27 PM
Inst Id :P4
LB :LB136052



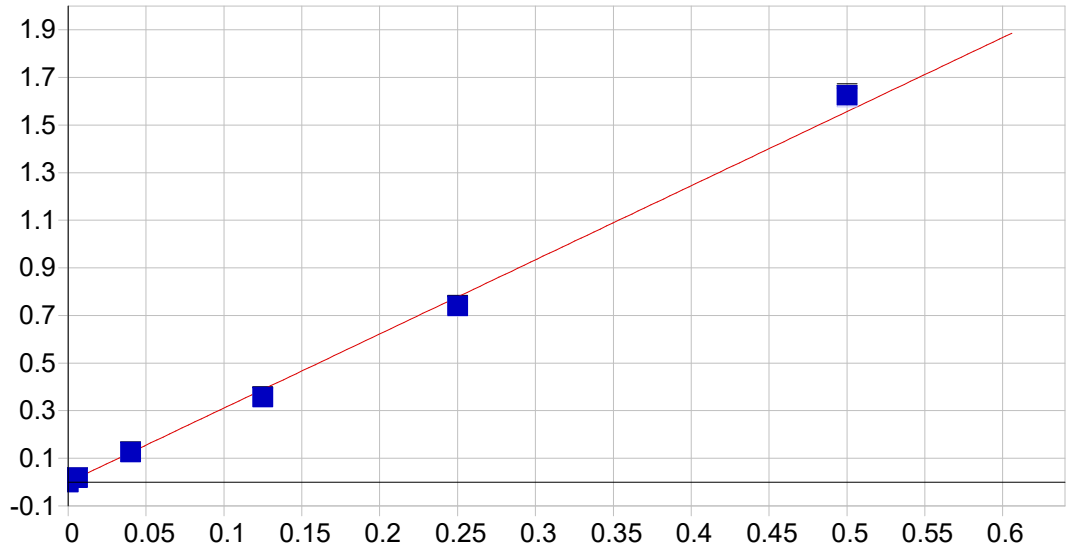
Ba 493.409 { 68}

Date of Fit:	6/6/2025 14:38:22	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.031987	Re-Slope:	1.000000
A1 (Gain):	1.805079	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999978	Status:	OK.
Std Error of Est:	0.000896		
Predicted MDL:	0.000905		
Predicted MQL:	0.003015		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.03199	.003	1
S1	.10000	.09778	-.002	-2.22	.20849	.001	1
S3	5.0000	5.0196	.020	.392	9.0928	.023	1
S4	10.000	10.047	.047	.473	18.168	.157	1
S5	20.000	19.980	-.020	-.098	36.098	.332	1
S2	1.6000	1.5548	-.045	-2.82	2.8385	.012	1

Reviewed By:jaswal
On:6/10/2025 4:57:27 PM
Inst Id :P4
LB :LB136052



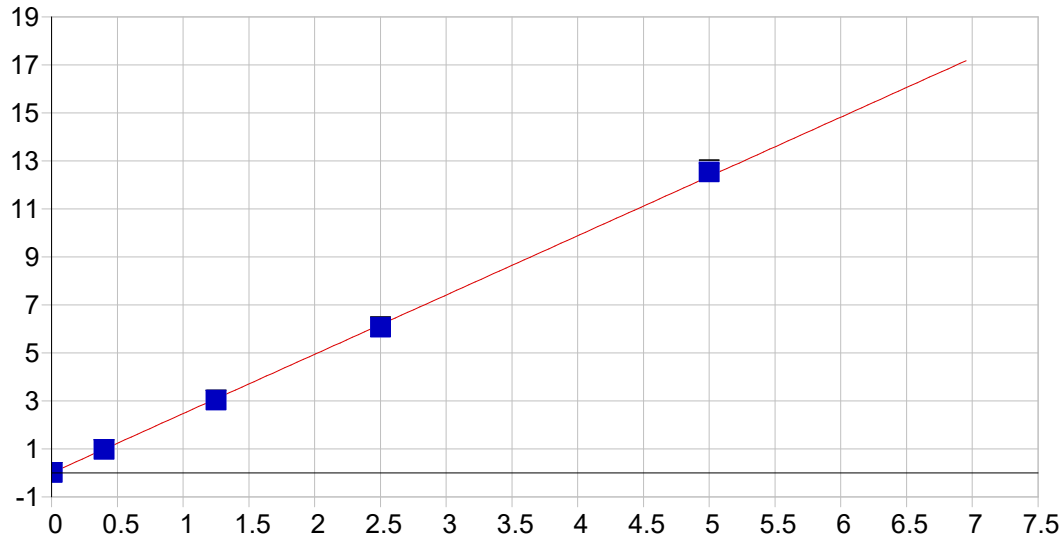
Be 234.861 {144}

Date of Fit:	6/6/2025 14:38:22	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000335	Re-Slope:	1.000000
A1 (Gain):	3.113702	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998690	Status:	OK.
Std Error of Est:	0.000457		
Predicted MDL:	0.000073		
Predicted MQL:	0.000245		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00033	.000	1
S1	.00600	.00592	-.000	-1.28	.01797	.000	1
S3	.12500	.11471	-.010	-8.23	.35510	.002	1
S4	.25000	.23791	-.012	-4.84	.73694	.003	1
S5	.50000	.52183	.022	4.37	1.6175	.006	1
S2	.04000	.04063	.001	1.58	.12562	.001	1

Reviewed By:jaswal
On:6/10/2025 4:57:27 PM
Inst Id :P4
LB :LB136052



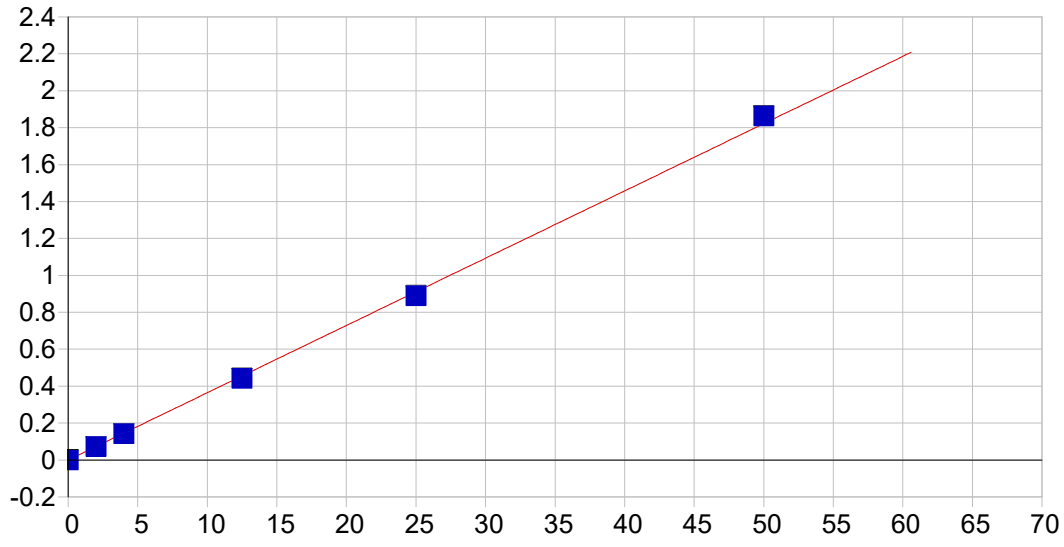
Cd 226.502 {449}

Date of Fit:	6/6/2025 14:38:22	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000081	Re-Slope:	1.000000
A1 (Gain):	2.470614	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999866	Status:	OK.
Std Error of Est:	0.000368		
Predicted MDL:	0.000103		
Predicted MQL:	0.000344		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00008	.000	1
S1	.00600	.00610	.000	1.65	.01505	.000	1
S3	1.2500	1.2269	-.023	-1.85	3.0335	.004	1
S4	2.5000	2.4560	-.044	-1.76	6.0726	.016	1
S5	5.0000	5.0747	.075	1.49	12.547	.077	1
S2	.40000	.39234	-.008	-1.92	.97000	.009	1

Reviewed By:jaswal
On:6/10/2025 4:57:27 PM
Inst Id :P4
LB :LB136052



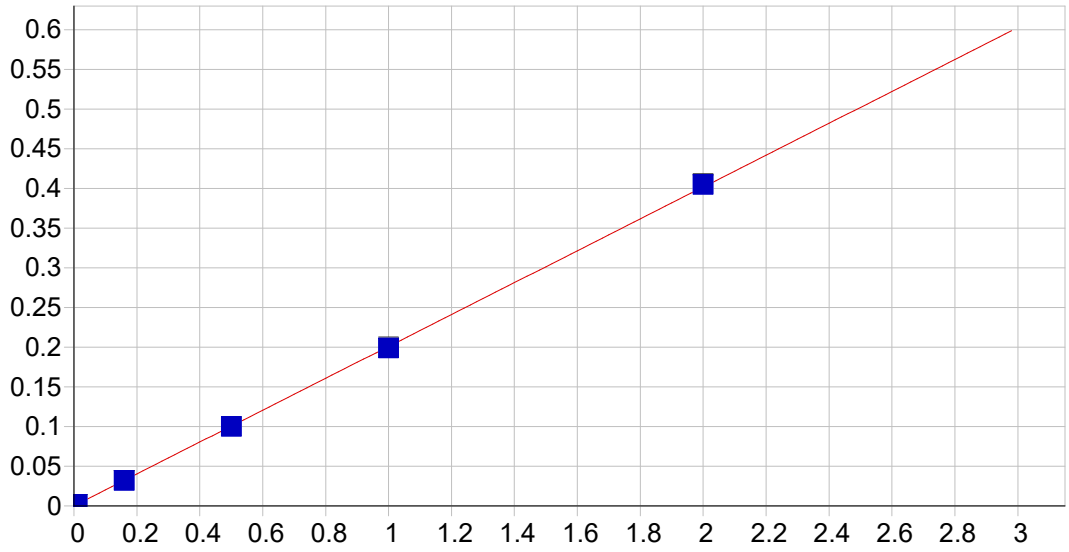
Ca 373.690 { 90}

Date of Fit:	6/6/2025 14:38:22	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000056	Re-Slope:	1.000000
A1 (Gain):	0.036438	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999713	Status:	OK.
Std Error of Est:	0.000462		
Predicted MDL:	0.010673		
Predicted MQL:	0.035576		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00015	.000	.000	-.00005	.000	1
S2	4.0000	3.9033	-.097	-2.42	.14217	.000	1
S3	12.500	12.136	-.364	-2.91	.44214	.001	1
S4	25.000	24.385	-.615	-2.46	.88850	.003	1
S5	50.000	51.113	1.11	2.23	1.8624	.003	1
S1	2.0000	1.9621	-.038	-1.89	.07144	.001	1

Reviewed By:jaswal
On:6/10/2025 4:57:27 PM
Inst Id :P4
LB :LB136052



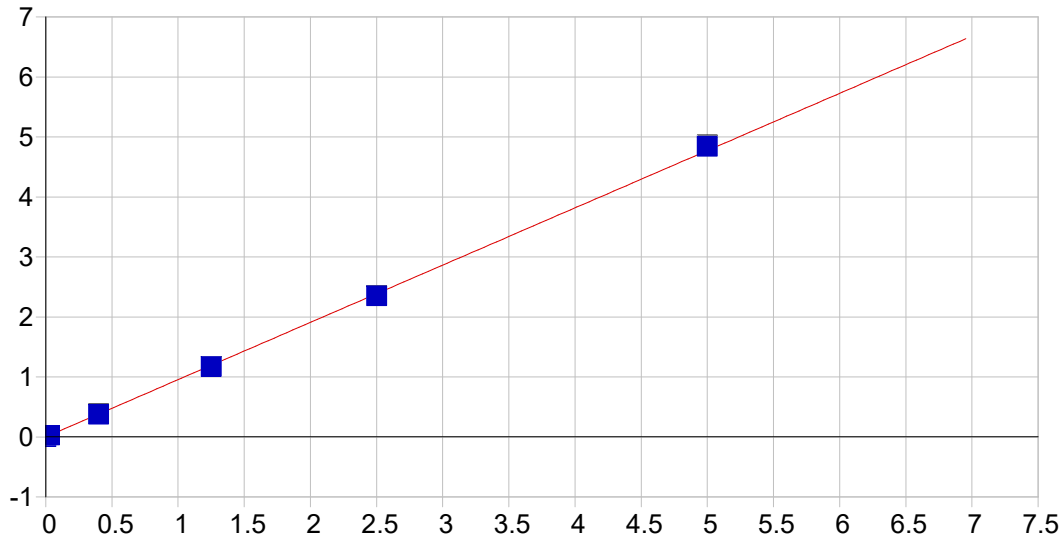
Cr 267.716 {126}

Date of Fit:	6/6/2025 14:38:22	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000133	Re-Slope:	1.000000
A1 (Gain):	0.200877	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999961	Status:	OK.
Std Error of Est:	0.000013		
Predicted MDL:	0.000424		
Predicted MQL:	0.001413		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00013	.000	1
S1	.01000	.00972	-.000	-2.84	.00209	.000	1
S3	.50000	.49682	-.003	-.637	.10001	.000	1
S4	1.0000	.99002	-.010	-.998	.19917	.001	1
S5	2.0000	2.0158	.016	.789	.40538	.001	1
S2	.16000	.15767	-.002	-1.46	.03183	.000	1

Reviewed By:jaswal
On:6/10/2025 4:57:27 PM
Inst Id :P4
LB :LB136052



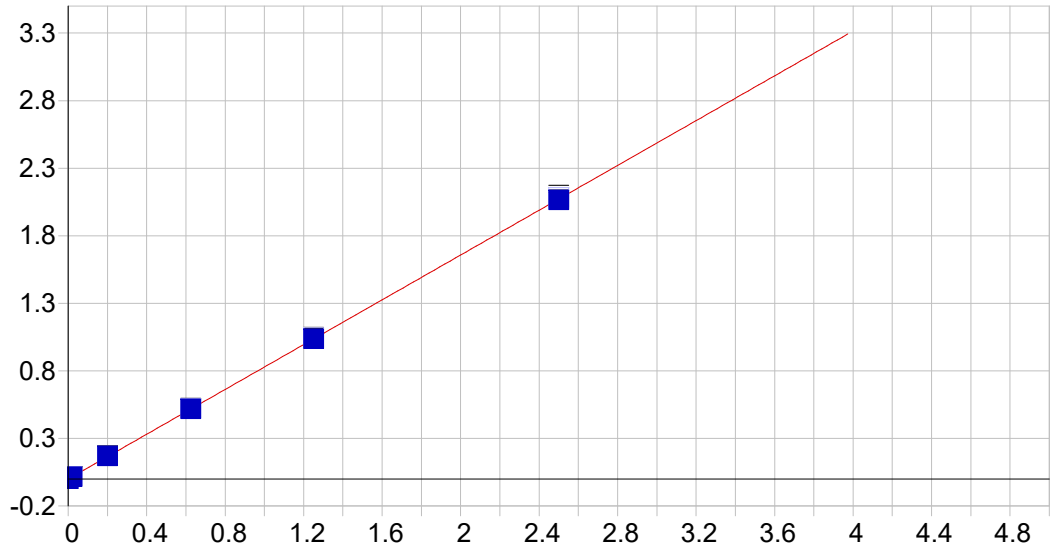
Co 228.616 {448}

Date of Fit:	6/6/2025 14:38:22	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000107	Re-Slope:	1.000000
A1 (Gain):	0.954428	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999873	Status:	OK.
Std Error of Est:	0.000309		
Predicted MDL:	0.000292		
Predicted MQL:	0.000973		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00011	.000	1
S1	.03000	.02959	-.000	-1.37	.02801	.000	1
S3	1.2500	1.2252	-.025	-1.98	1.1713	.001	1
S4	2.5000	2.4593	-.041	-1.63	2.3512	.005	1
S5	5.0000	5.0728	.073	1.46	4.8496	.016	1
S2	.40000	.39311	-.007	-1.72	.37574	.004	1

Reviewed By:jaswal
On:6/10/2025 4:57:27 PM
Inst Id :P4
LB :LB136052



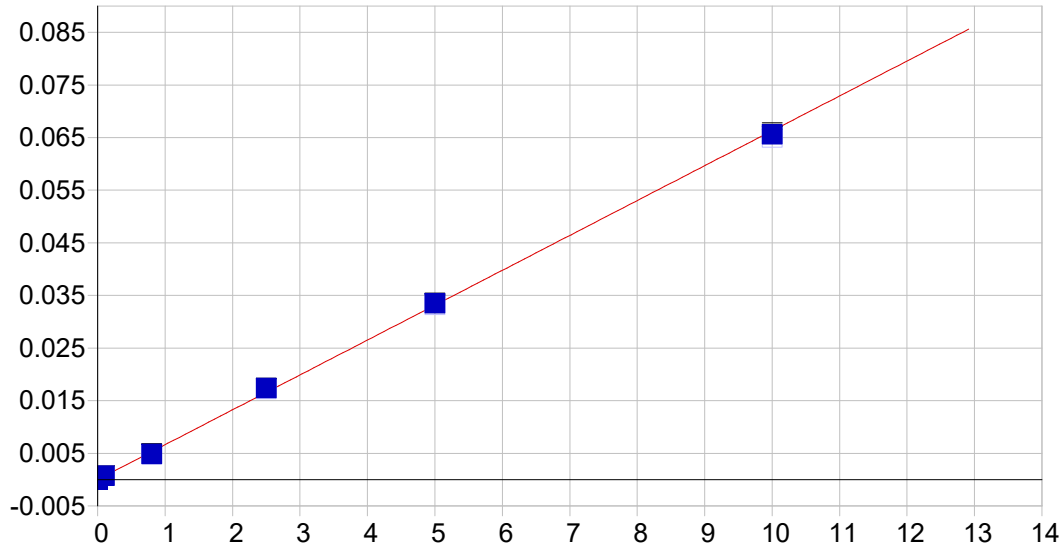
Cu 224.700 {450}

Date of Fit:	6/6/2025 14:38:22	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000811	Re-Slope:	1.000000
A1 (Gain):	0.828937	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999982	Status:	OK.
Std Error of Est:	0.000059		
Predicted MDL:	0.000427		
Predicted MQL:	0.001423		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00081	.000	1
S1	.02000	.02097	.001	4.84	.01676	.000	1
S3	.62500	.62560	.001	.096	.52217	.001	1
S4	1.2500	1.2519	.002	.154	1.0457	.002	1
S5	2.5000	2.4922	-.008	-.311	2.0827	.017	1
S2	.20000	.20429	.004	2.14	.16994	.001	1

Reviewed By:jaswal
On:6/10/2025 4:57:27 PM
Inst Id :P4
LB :LB136052



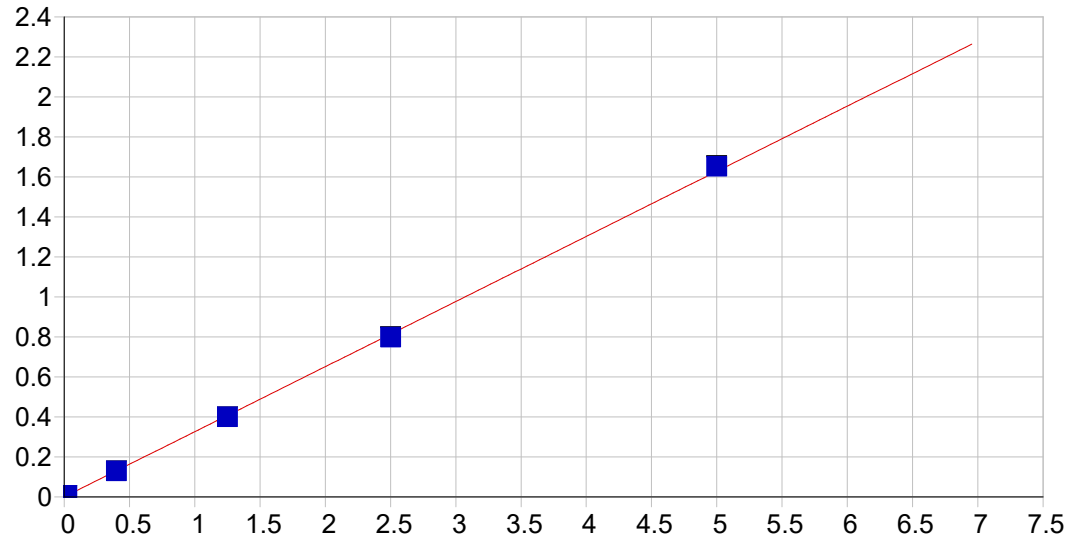
Fe 240.488 {140}

Date of Fit:	6/6/2025 14:38:22	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000002	Re-Slope:	1.000000
A1 (Gain):	0.006629	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999615	Status:	OK.
Std Error of Est:	0.000010		
Predicted MDL:	0.004589		
Predicted MQL:	0.015295		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00000	.000	1
S1	.10000	.10950	.010	9.50	.00072	.000	1
S3	2.5000	2.6171	.117	4.69	.01721	.000	1
S4	5.0000	5.0492	.049	.983	.03319	.000	1
S5	10.000	9.8929	-.107	-1.07	.06502	.000	1
S2	.80000	.73129	-.069	-8.59	.00481	.000	1

Reviewed By:jaswal
On:6/10/2025 4:57:27 PM
Inst Id :P4
LB :LB136052



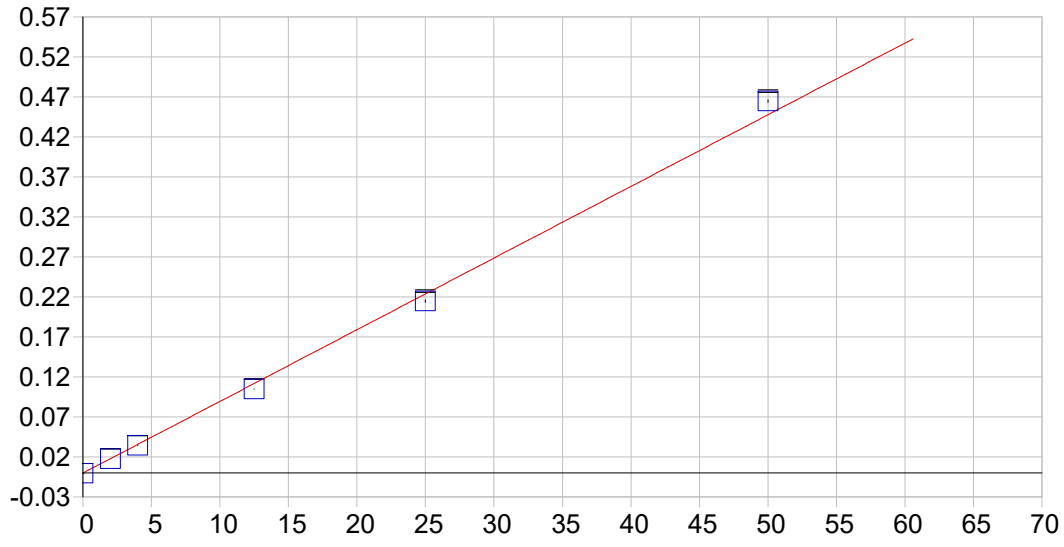
Mn 257.610 {131}

Date of Fit:	6/6/2025 14:38:22	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000206	Re-Slope:	1.000000
A1 (Gain):	0.325556	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999866	Status:	OK.
Std Error of Est:	0.000088		
Predicted MDL:	0.000443		
Predicted MQL:	0.001475		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00021	.000	1
S1	.02000	.01973	-.000	-1.34	.00663	.000	1
S3	1.2500	1.2264	-.024	-1.89	.39954	.002	1
S4	2.5000	2.4532	-.047	-1.87	.79901	.003	1
S5	5.0000	5.0741	.074	1.48	1.6524	.003	1
S2	.40000	.39664	-.003	-.839	.12936	.000	1

Reviewed By:jaswal
On:6/10/2025 4:57:27 PM
Inst Id :P4
LB :LB136052



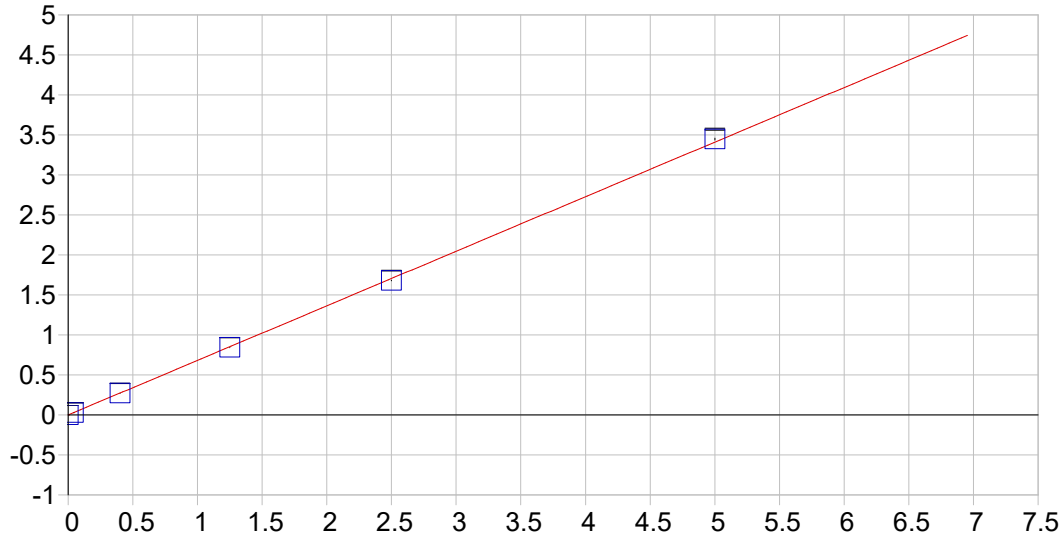
Mg 279.079 {121}

Date of Fit:	6/6/2025 14:38:22	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000218	Re-Slope:	1.000000
A1 (Gain):	0.008958	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999110	Status:	OK.
Std Error of Est:	0.000200		
Predicted MDL:	0.021194		
Predicted MQL:	0.070647		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00020	.000	.000	-.00022	.000	1
S2	4.0000	3.8480	-.152	-3.80	.03425	.000	1
S3	12.500	11.733	-.767	-6.14	.10489	.000	1
S4	25.000	24.000	-1.00	-4.00	.21477	.001	1
S5	50.000	51.919	1.92	3.84	.46488	.001	1
S1	2.0000	2.0001	.000	.003	.01770	.000	1

Reviewed By:jaswal
On:6/10/2025 4:57:27 PM
Inst Id :P4
LB :LB136052



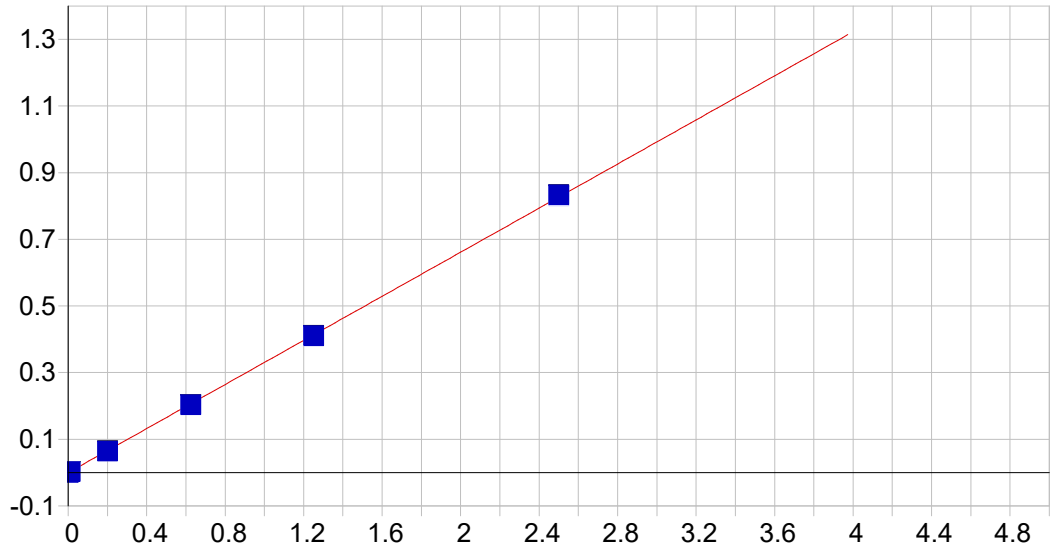
Ni 231.604 {446}

Date of Fit:	6/6/2025 14:38:22	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000365	Re-Slope:	1.000000
A1 (Gain):	0.682046	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999926	Status:	OK.
Std Error of Est:	0.000195		
Predicted MDL:	0.000371		
Predicted MQL:	0.001236		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00036	.000	1
S1	.04000	.04005	.000	.129	.02695	.000	1
S3	1.2500	1.2356	-.014	-1.16	.84234	.001	1
S4	2.5000	2.4619	-.038	-1.53	1.6787	.004	1
S5	5.0000	5.0548	.055	1.10	3.4473	.013	1
S2	.40000	.39770	-.002	-.575	.27089	.002	1

Reviewed By:jaswal
On:6/10/2025 4:57:27 PM
Inst Id :P4
LB :LB136052



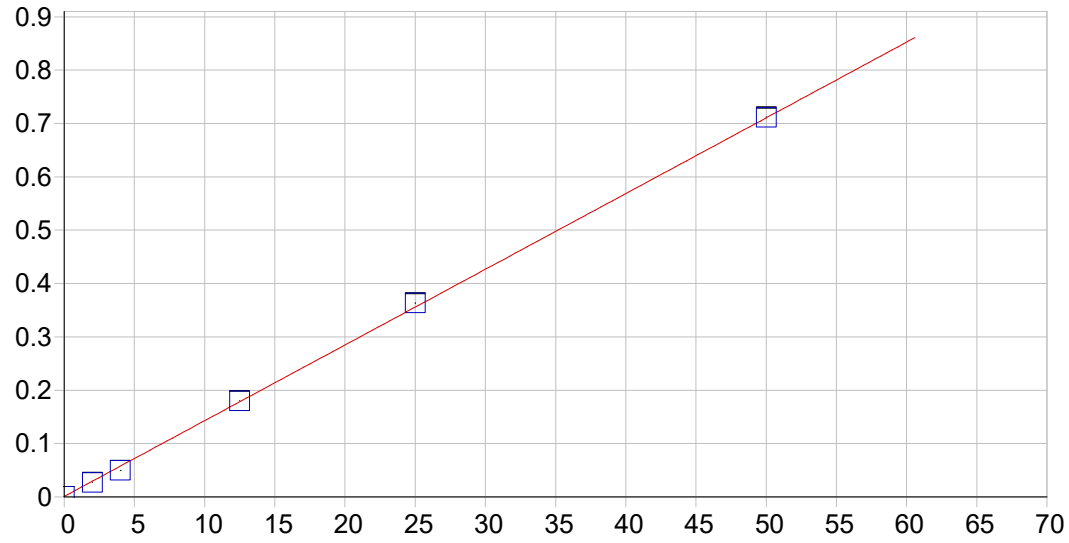
Ag 328.068 {103}

Date of Fit:	6/6/2025 14:38:22	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000274	Re-Slope:	1.000000
A1 (Gain):	0.330811	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999960	Status:	OK.
Std Error of Est:	0.000024		
Predicted MDL:	0.000424		
Predicted MQL:	0.001412		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00027	.000	1
S1	.01000	.00995	-.000	-.531	.00299	.000	1
S3	.62500	.61707	-.008	-1.27	.20294	.000	1
S4	1.2500	1.2433	-.007	-.533	.40920	.001	1
S5	2.5000	2.5188	.019	.750	.82928	.000	1
S2	.20000	.19589	-.004	-2.06	.06423	.000	1

Reviewed By:jaswal
On:6/10/2025 4:57:27 PM
Inst Id :P4
LB :LB136052



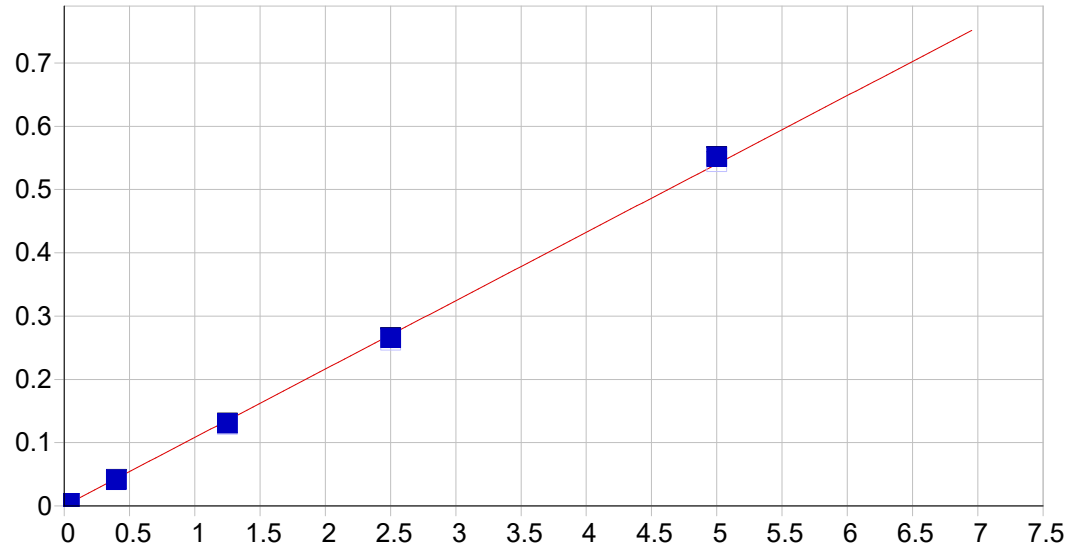
Na 589.592 { 57}

Date of Fit:	6/6/2025 14:38:22	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.001016	Re-Slope:	1.000000
A1 (Gain):	0.014191	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999451	Status:	OK.
Std Error of Est:	0.000249		
Predicted MDL:	0.018316		
Predicted MQL:	0.061053		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00037	.000	.000	.00102	.000	1
S2	4.0000	3.4437	-.556	-13.9	.04989	.000	1
S3	12.500	12.630	.130	1.04	.18024	.001	1
S4	25.000	25.535	.535	2.14	.36338	.001	1
S5	50.000	50.050	.050	.099	.71127	.001	1
S1	2.0000	1.8422	-.158	-7.89	.02716	.000	1

Reviewed By:jaswal
On:6/10/2025 4:57:27 PM
Inst Id :P4
LB :LB136052



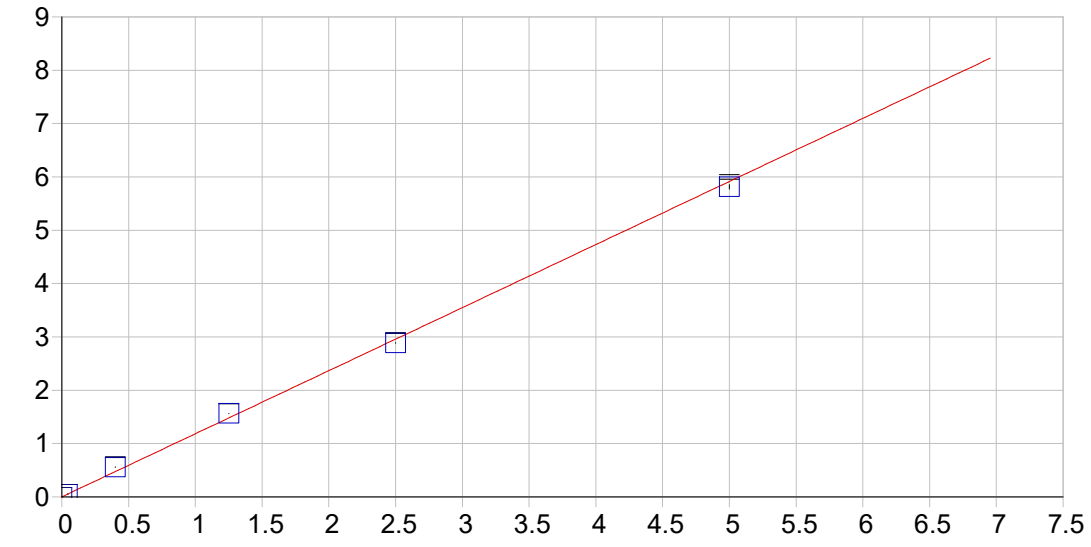
V 292.402 {115}

Date of Fit:	6/6/2025 14:38:22	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000106	Re-Slope:	1.000000
A1 (Gain):	0.108067	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999712	Status:	OK.
Std Error of Est:	0.000060		
Predicted MDL:	0.002045		
Predicted MQL:	0.006818		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00011	.000	1
S1	.04000	.03825	-.002	-4.36	.00408	.000	1
S3	1.2500	1.2065	-.043	-3.48	.12852	.001	1
S4	2.5000	2.4561	-.044	-1.76	.26159	.001	1
S5	5.0000	5.1045	.105	2.09	.54386	.000	1
S2	.40000	.38457	-.015	-3.86	.04104	.000	1

Reviewed By:jaswal
On:6/10/2025 4:57:27 PM
Inst Id :P4
LB :LB136052



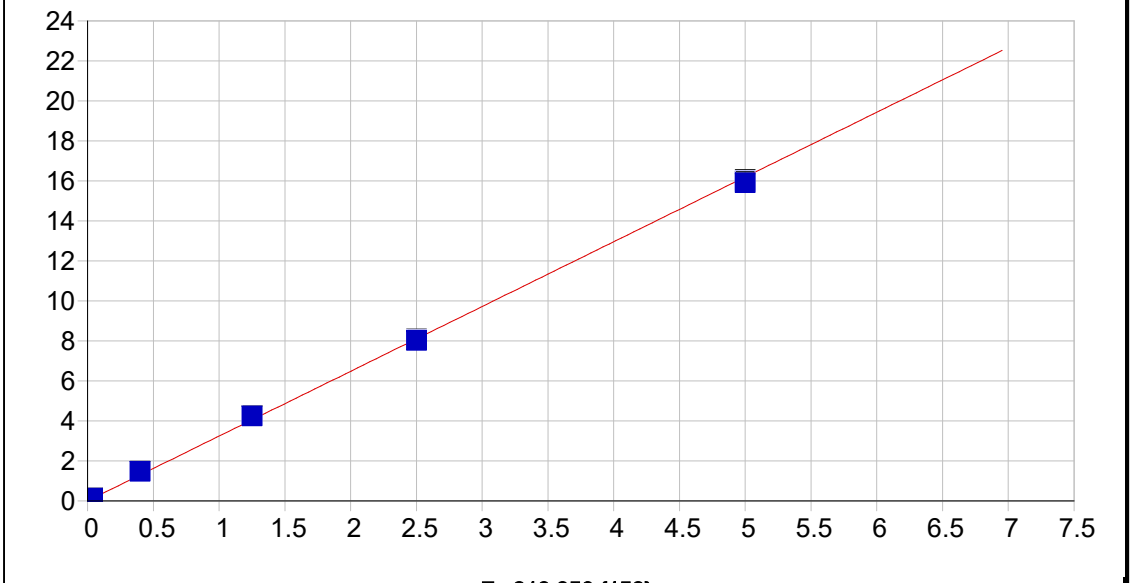
Zn 206.200 {464}

Date of Fit:	6/6/2025 14:38:22	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000815	Re-Slope:	1.000000
A1 (Gain):	1.182775	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998906	Status:	OK.
Std Error of Est:	0.001300		
Predicted MDL:	0.000187		
Predicted MQL:	0.000625		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00080	.000	1
S1	.04000	.04554	.006	13.9	.05468	.000	1
S3	1.2500	1.3214	.071	5.71	1.5637	.002	1
S4	2.5000	2.4384	-.062	-2.46	2.8849	.008	1
S5	5.0000	4.9144	-.086	-1.71	5.8135	.044	1
S2	.40000	.47019	.070	17.5	.55694	.004	1

Reviewed By:jaswal
On:6/10/2025 4:57:27 PM
Inst Id :P4
LB :LB136052



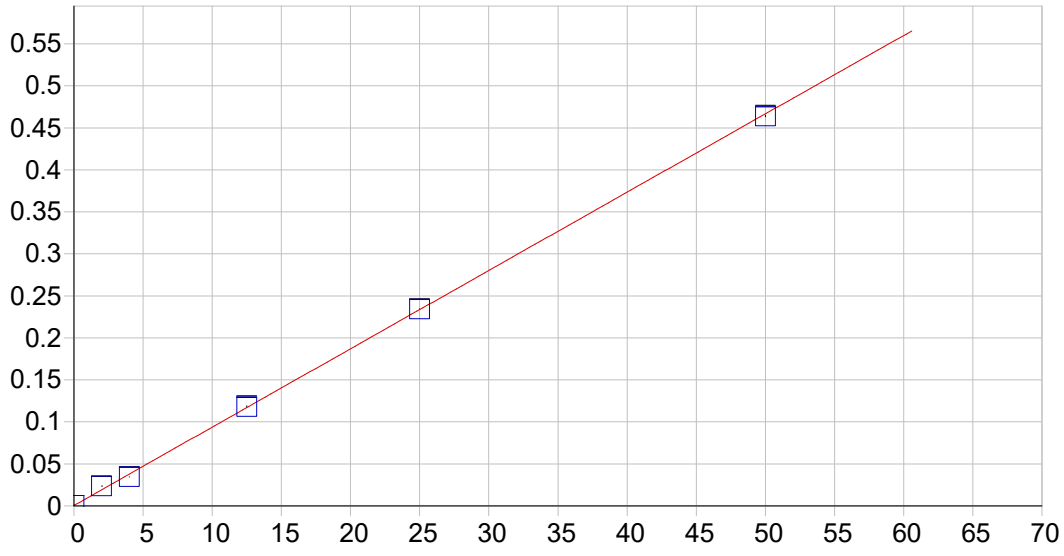
Zn 213.856 {158}

Date of Fit:	6/6/2025 14:38:22	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.003986	Re-Slope:	1.000000
A1 (Gain):	3.238295	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999336	Status:	OK.
Std Error of Est:	0.002791		
Predicted MDL:	0.000295		
Predicted MQL:	0.000983		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00395	.000	1
S1	.04000	.04546	.005	13.6	.15210	.001	1
S3	1.2500	1.3062	.056	4.50	4.2621	.010	1
S4	2.5000	2.4749	-.025	-1.00	8.0747	.018	1
S5	5.0000	4.9097	-.090	-1.81	16.015	.042	1
S2	.40000	.45379	.054	13.4	1.4825	.006	1

Reviewed By:jaswal
On:6/10/2025 4:57:27 PM
Inst Id :P4
LB :LB136052



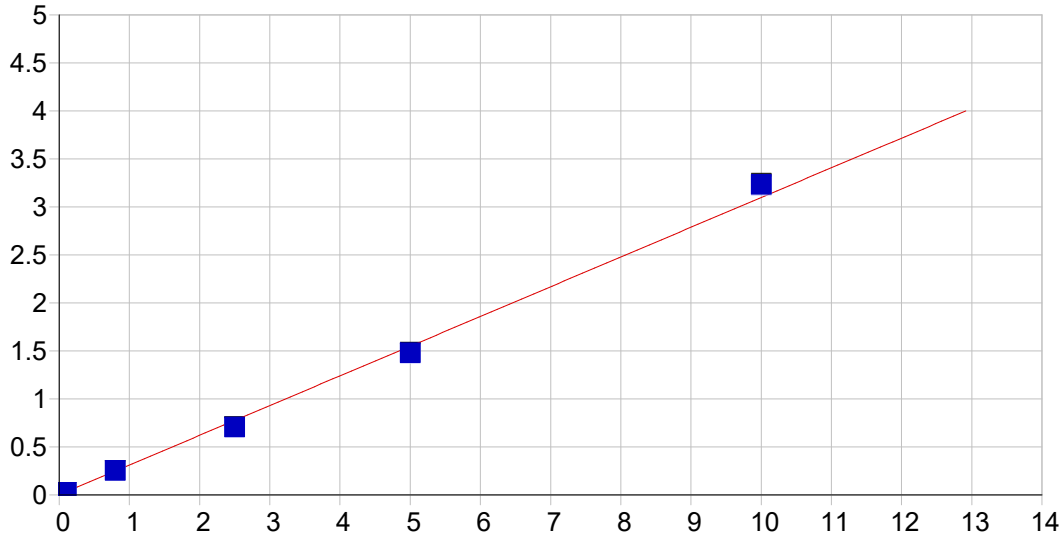
K 766.490 { 44}

Date of Fit:	6/6/2025 14:38:22	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000585	Re-Slope:	1.000000
A1 (Gain):	0.009322	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999205	Status:	OK.
Std Error of Est:	0.000197		
Predicted MDL:	0.035197		
Predicted MQL:	0.117323		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00031	-.000	.000	.00058	.000	1
S2	4.0000	3.6428	-.357	-8.93	.03454	.000	1
S3	12.500	12.607	.107	.853	.11811	.001	1
S4	25.000	25.057	.057	.229	.23417	.000	1
S5	50.000	49.716	-.284	-.569	.46404	.001	1
S1	2.0000	2.4777	.478	23.9	.02368	.000	1

Reviewed By:jaswal
On:6/10/2025 4:57:27 PM
Inst Id :P4
LB :LB136052



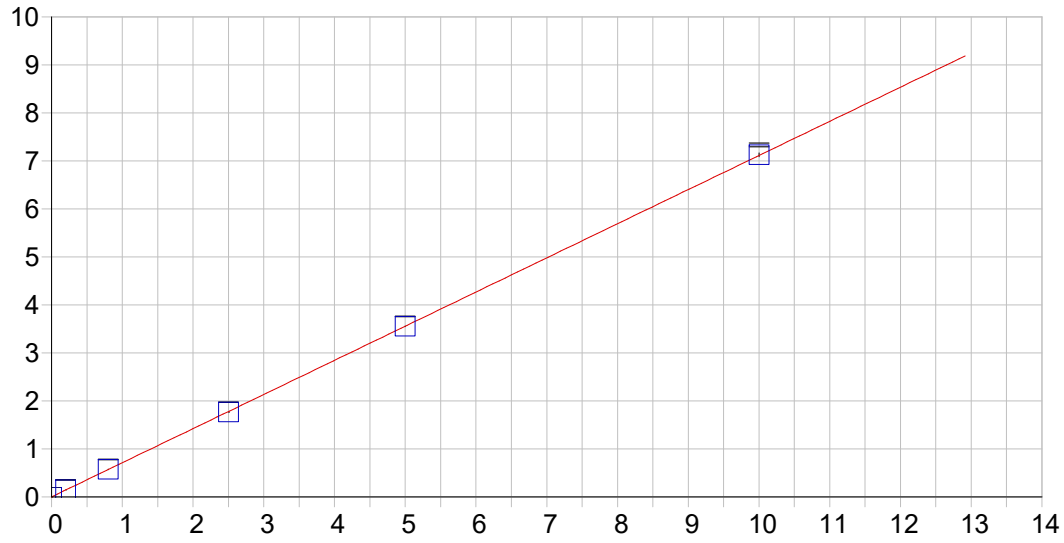
B 249.678 {135}

Date of Fit:	6/6/2025 14:38:22	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.001293	Re-Slope:	1.000000
A1 (Gain):	0.309604	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998617	Status:	OK.
Std Error of Est:	0.000853		
Predicted MDL:	0.000776		
Predicted MQL:	0.002588		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00130	.000	1
S1	.10000	.09384	-.006	-6.16	.03016	.000	1
S3	2.5000	2.2739	-.226	-9.04	.70251	.004	1
S4	5.0000	4.7764	-.224	-4.47	1.4745	.006	1
S5	10.000	10.442	.442	4.42	3.2232	.011	1
S2	.80000	.81341	.013	1.68	.25224	.001	1

Reviewed By:jaswal
On:6/10/2025 4:57:27 PM
Inst Id :P4
LB :LB136052



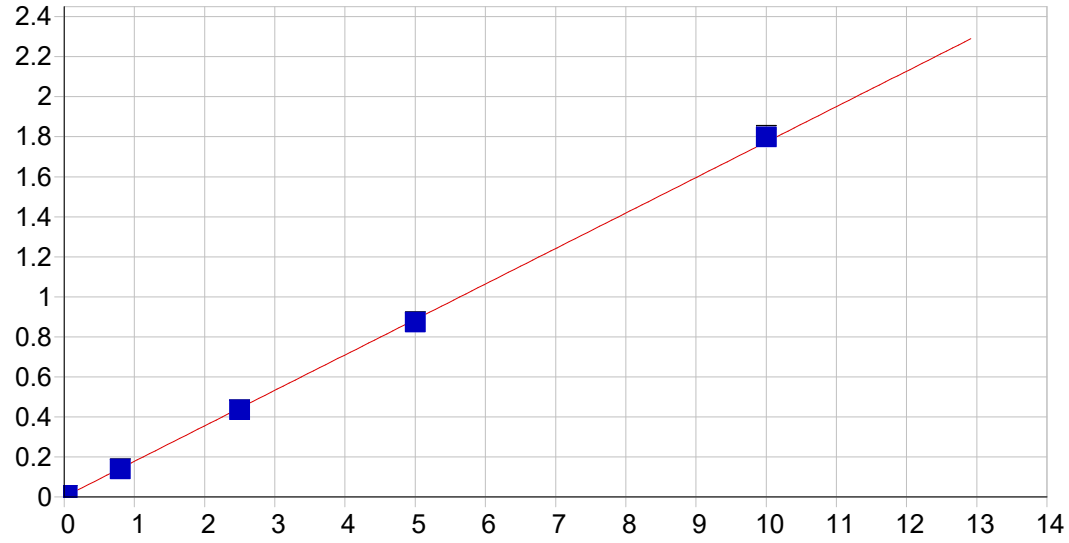
Mo 202.030 {467}

Date of Fit:	6/6/2025 14:38:22	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000383	Re-Slope:	1.000000
A1 (Gain):	0.711312	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999992	Status:	OK.
Std Error of Est:	0.000207		
Predicted MDL:	0.000304		
Predicted MQL:	0.001014		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00038	.000	1
S1	.20000	.20250	.002	1.25	.14442	.000	1
S3	2.5000	2.4807	-.019	-.774	1.7649	.001	1
S4	5.0000	4.9936	-.006	-.128	3.5524	.009	1
S5	10.000	10.016	.016	.159	7.1248	.040	1
S2	.80000	.80733	.007	.917	.57465	.005	1

Reviewed By:jaswal
On:6/10/2025 4:57:27 PM
Inst Id :P4
LB :LB136052



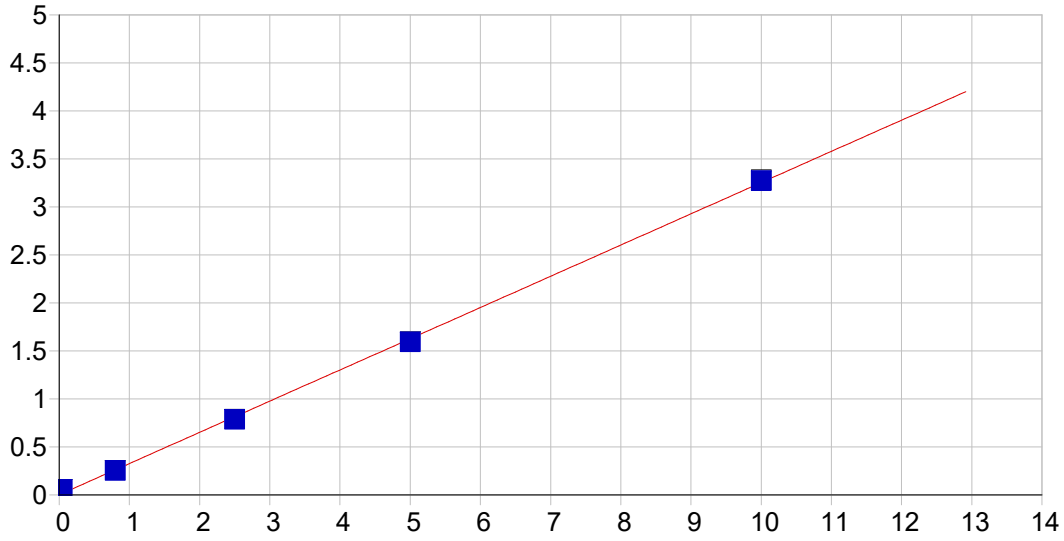
Sn 189.989 {478}

Date of Fit:	6/6/2025 14:38:22	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000554	Re-Slope:	1.000000
A1 (Gain):	0.177243	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999873	Status:	OK.
Std Error of Est:	0.000093		
Predicted MDL:	0.000738		
Predicted MQL:	0.002461		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00055	.000	1
S1	.04000	.03775	-.002	-5.62	.00724	.000	1
S3	2.5000	2.4535	-.046	-1.86	.43497	.001	1
S4	5.0000	4.9246	-.075	-1.51	.87250	.002	1
S5	10.000	10.143	.143	1.43	1.7966	.009	1
S2	.80000	.78083	-.019	-2.40	.13881	.001	1

Reviewed By:jaswal
On:6/10/2025 4:57:27 PM
Inst Id :P4
LB :LB136052



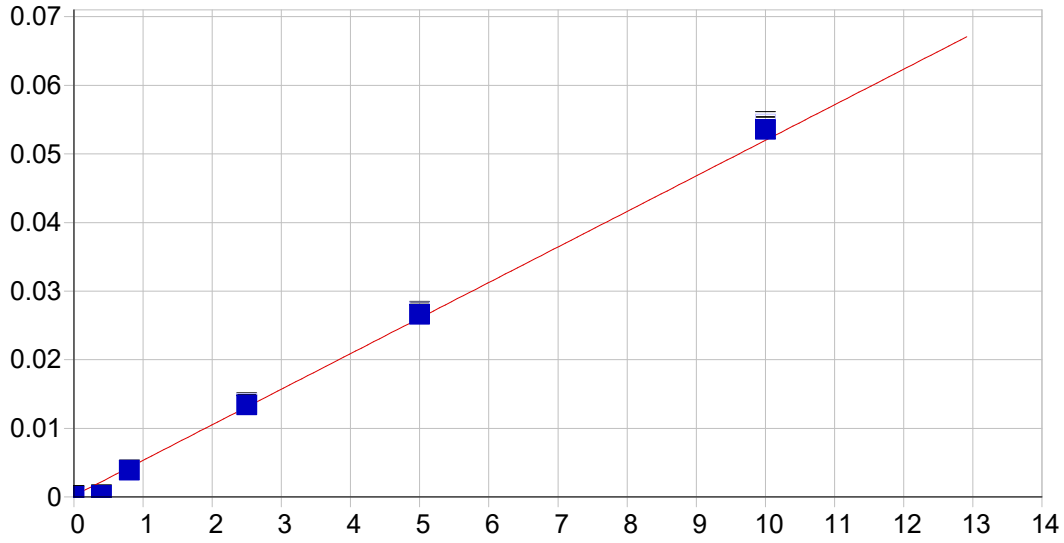
Ti 336.121 {100}

Date of Fit:	6/6/2025 14:38:22	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.001319	Re-Slope:	1.000000
A1 (Gain):	0.325157	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.985987	Status:	OK.
Std Error of Est:	0.001823		
Predicted MDL:	0.000786		
Predicted MQL:	0.002619		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00014	-.000	.000	.00127	.000	1
S1	.04000	.18395	.144	360.	.06112	.000	1
S3	2.5000	2.4176	-.082	-3.30	.78711	.001	1
S4	5.0000	4.8951	-.105	-2.10	1.5924	.005	1
S5	10.000	10.067	.067	.672	3.2736	.005	1
S2	.80000	.77631	-.024	-2.96	.25365	.001	1

Reviewed By:jaswal
On:6/10/2025 4:57:27 PM
Inst Id :P4
LB :LB136052



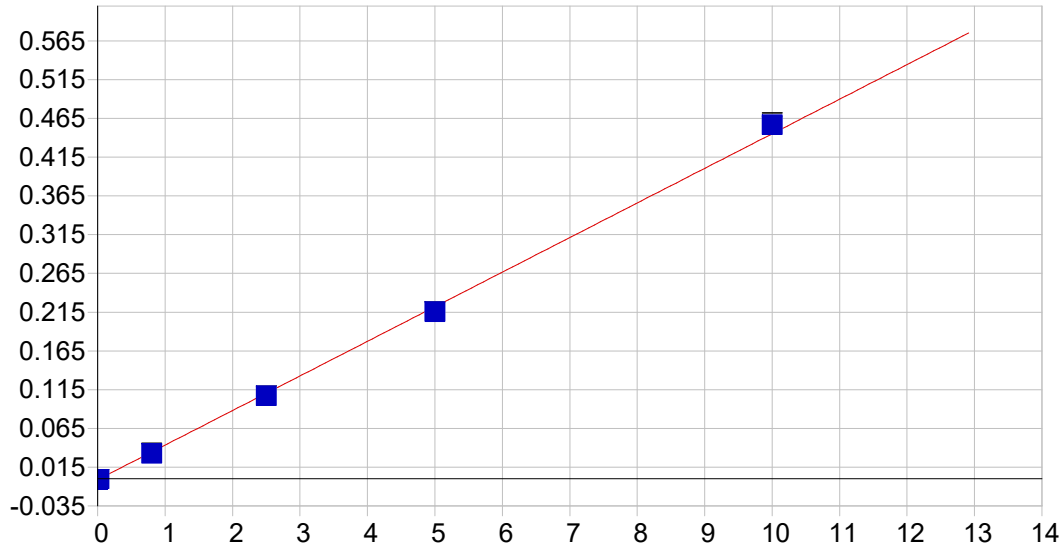
Si 288.158 {117}

Date of Fit:	6/6/2025 14:38:22	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000155	Re-Slope:	1.000000
A1 (Gain):	0.005182	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.990058	Status:	OK.
Std Error of Est:	0.000079		
Predicted MDL:	0.009804		
Predicted MQL:	0.032680		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00040	.000	.000	.00016	.000	1
S1	.40000	.01719	-.383	-95.7	.00025	.000	1
S3	2.5000	2.5578	.058	2.31	.01361	.000	1
S4	5.0000	5.0973	.097	1.95	.02696	.000	1
S5	10.000	10.308	.308	3.08	.05435	.000	1
S2	.80000	.71512	-.085	-10.6	.00392	.000	1

Reviewed By:jaswal
On:6/10/2025 4:57:27 PM
Inst Id :P4
LB :LB136052



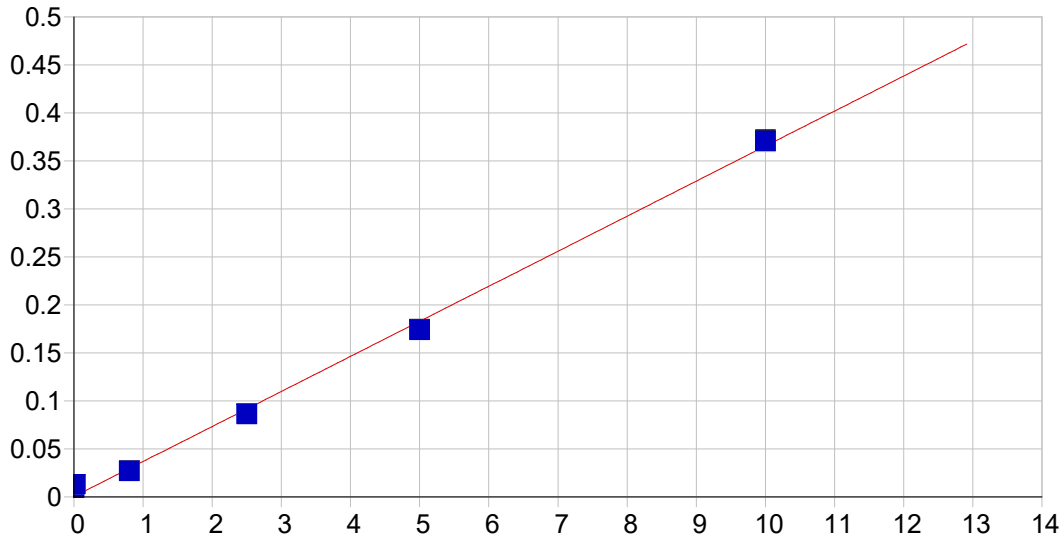
P 177.495 {490}

Date of Fit:	6/6/2025 14:38:22	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.001223	Re-Slope:	1.000000
A1 (Gain):	0.044643	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999569	Status:	OK.
Std Error of Est:	0.000031		
Predicted MDL:	0.002848		
Predicted MQL:	0.009492		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00122	.000	1
S1	.02000	.02127	.001	6.35	-.00027	.000	1
S3	2.5000	2.4228	-.077	-3.09	.10692	.001	1
S4	5.0000	4.8536	-.146	-2.93	.21542	.000	1
S5	10.000	10.263	.263	2.63	.45689	.002	1
S2	.80000	.75903	-.041	-5.12	.03266	.001	1

Reviewed By:jaswal
On:6/10/2025 4:57:27 PM
Inst Id :P4
LB :LB136052



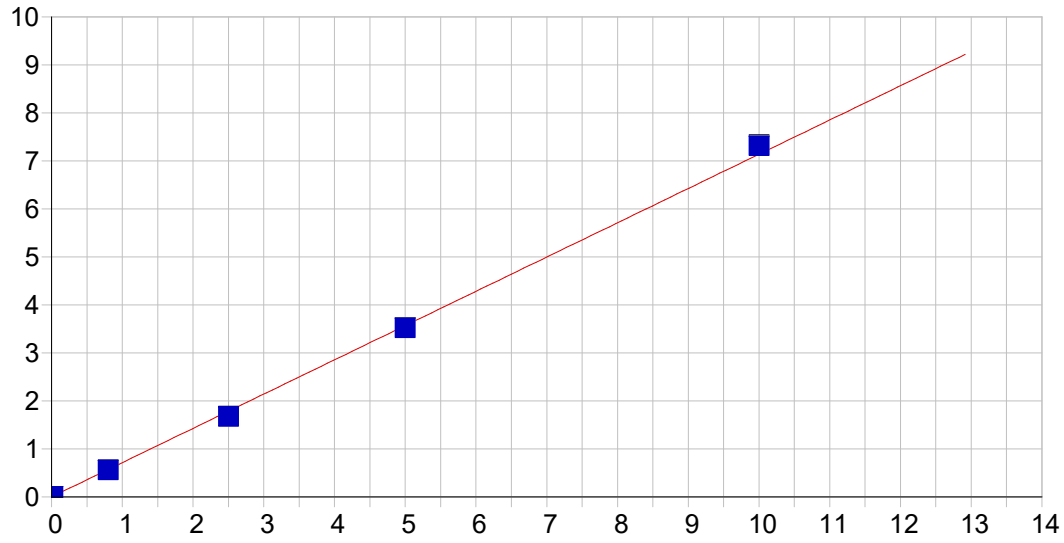
S 182.034 {485}

Date of Fit:	6/6/2025 14:38:22	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000376	Re-Slope:	1.000000
A1 (Gain):	0.036504	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.874044	Status:	OK.
Std Error of Est:	0.000474		
Predicted MDL:	0.003241		
Predicted MQL:	0.010802		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00033	-.000	.000	.00036	.000	1
S1	.02000	.35456	.335	1670.	.01329	.000	1
S3	2.5000	2.3514	-.149	-5.95	.08597	.000	1
S4	5.0000	4.7582	-.242	-4.84	.17359	.001	1
S5	10.000	10.139	.139	1.39	.36956	.002	1
S2	.80000	.72988	-.070	-8.77	.02694	.000	1

Reviewed By:jaswal
On:6/10/2025 4:57:27 PM
Inst Id :P4
LB :LB136052



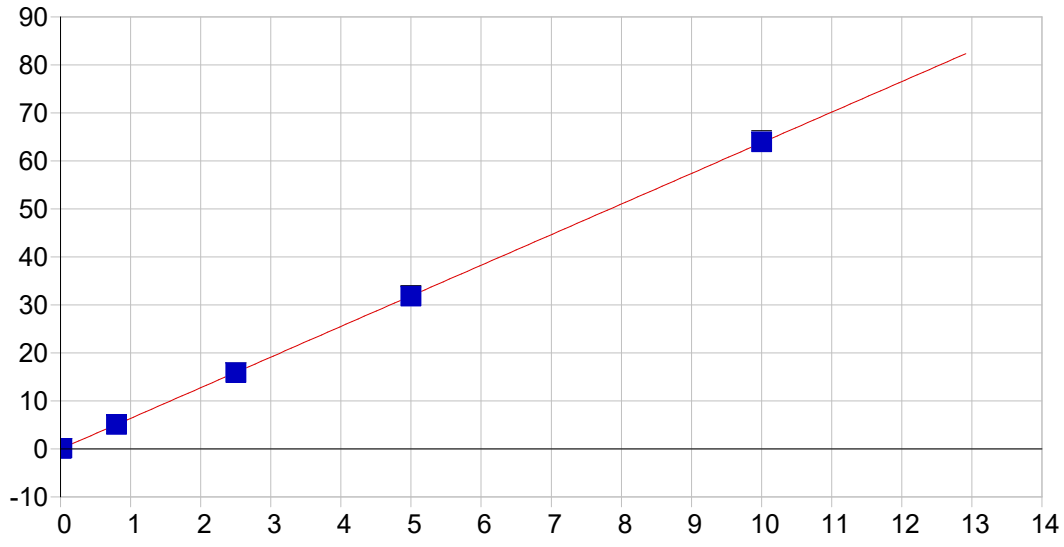
Li 670.784 { 50}

Date of Fit:	6/6/2025 14:38:22	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000500	Re-Slope:	1.000000
A1 (Gain):	0.713785	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999528	Status:	OK.
Std Error of Est:	0.000514		
Predicted MDL:	0.001107		
Predicted MQL:	0.003691		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00050	.000	1
S5	10.000	10.246	.246	2.46	7.3178	.016	1
S4	5.0000	4.9293	-.071	-1.41	3.5207	.004	1
S3	2.5000	2.3445	-.155	-6.22	1.6749	.005	1
S1	.02000	.01832	-.002	-8.38	.01381	.000	1
S2	.80000	.78147	-.019	-2.32	.55858	.003	1

Reviewed By:jaswal
On:6/10/2025 4:57:27 PM
Inst Id :P4
LB :LB136052



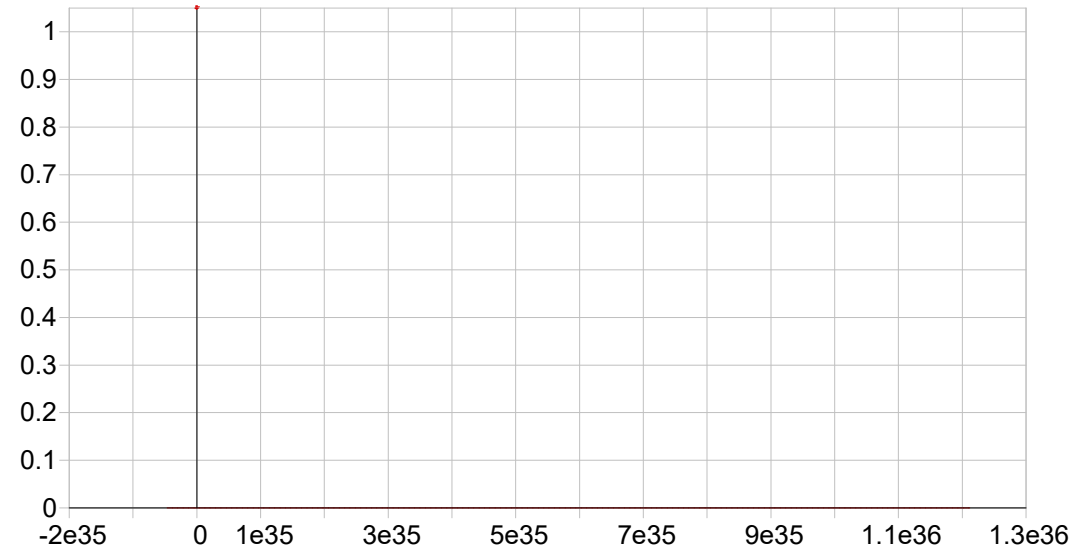
Sr 407.771 { 83}

Date of Fit:	6/6/2025 14:38:22	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000058	Re-Slope:	1.000000
A1 (Gain):	6.377004	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999993	Status:	OK.
Std Error of Est:	0.000548		
Predicted MDL:	0.000080		
Predicted MQL:	0.000265		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00006	.000	1
S1	.02000	.02048	.000	2.39	.13126	.000	1
S3	2.5000	2.4905	-.010	-.381	15.897	.056	1
S4	5.0000	4.9870	-.013	-.259	31.833	.125	1
S5	10.000	10.030	.030	.298	64.021	.181	1
S2	.80000	.79220	-.008	-.974	5.0568	.025	1

Reviewed By:jaswal
On:6/10/2025 4:57:27 PM
Inst Id :P4
LB :LB136052

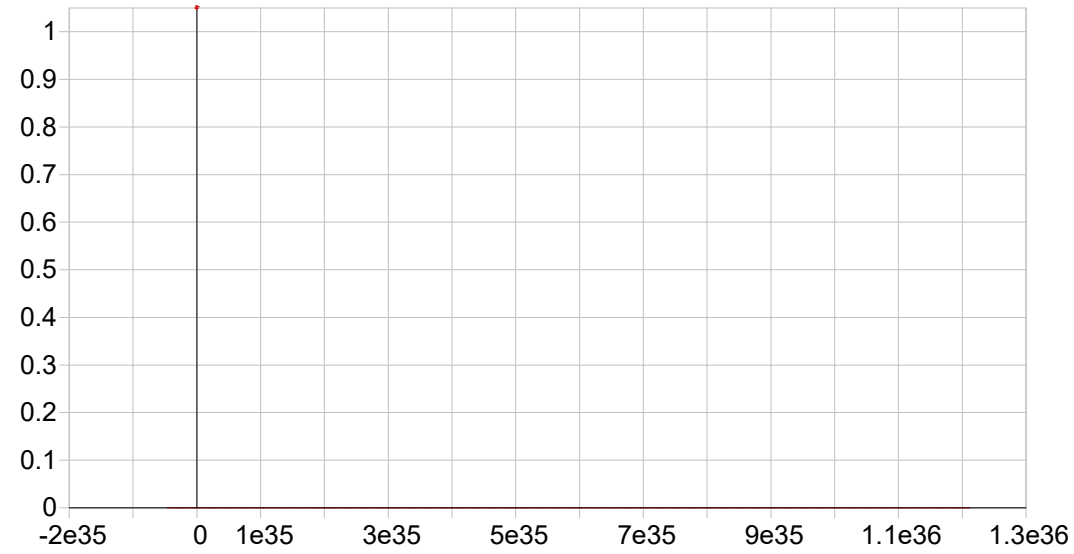


Y 224.306 {450}*

Date of Fit:	6/6/2025 14:38:22	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}*

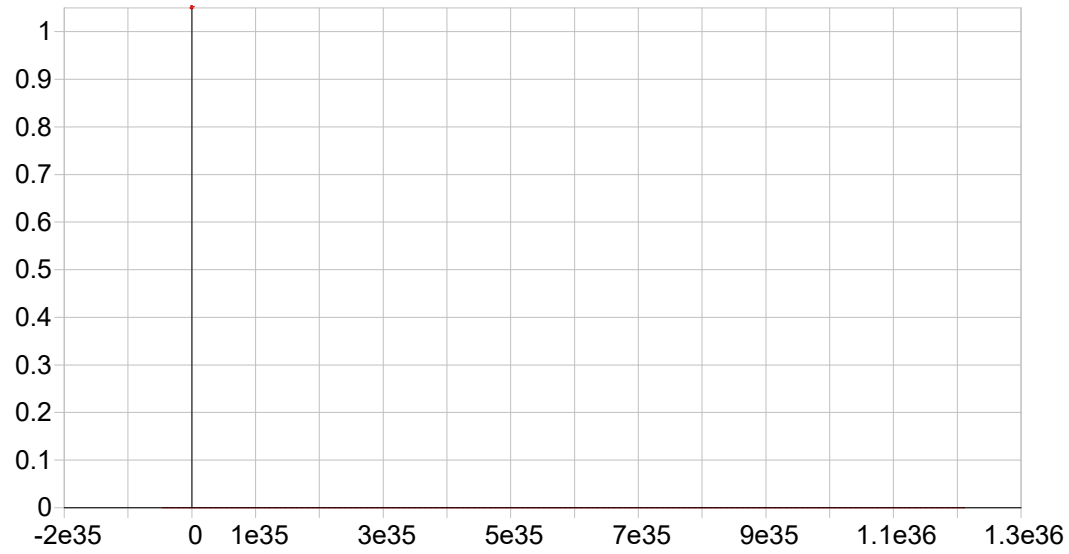
Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc

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

Reviewed By:jaswal
On:6/10/2025 4:57:27 PM
Inst Id :P4
LB :LB136052

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



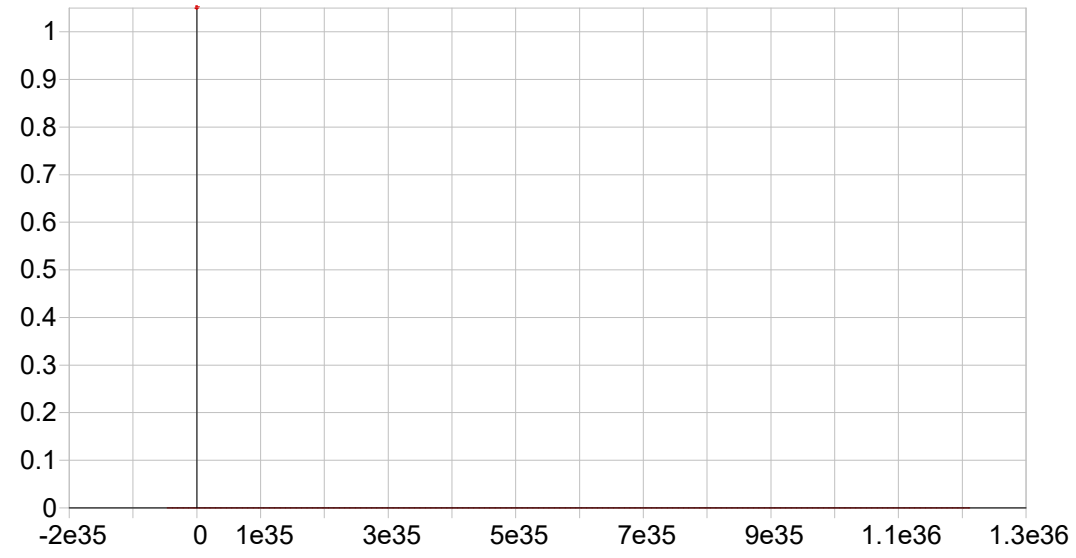
Y 371.030 { 91}*

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

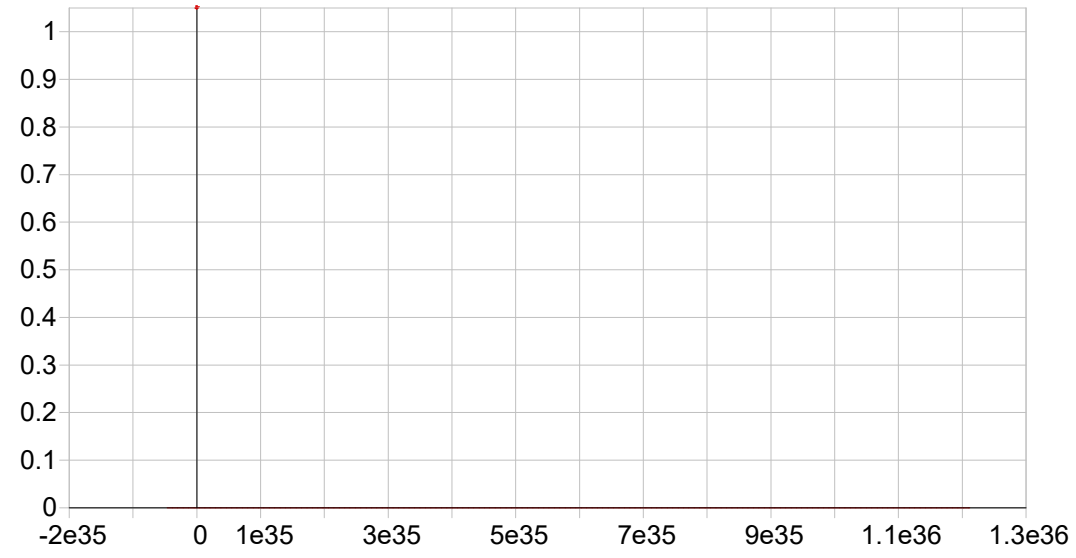
Reviewed By:jaswal
On:6/10/2025 4:57:27 PM
Inst Id :P4
LB :LB136052



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:6/10/2025 4:57:27 PM
Inst Id :P4
LB :LB136052

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**

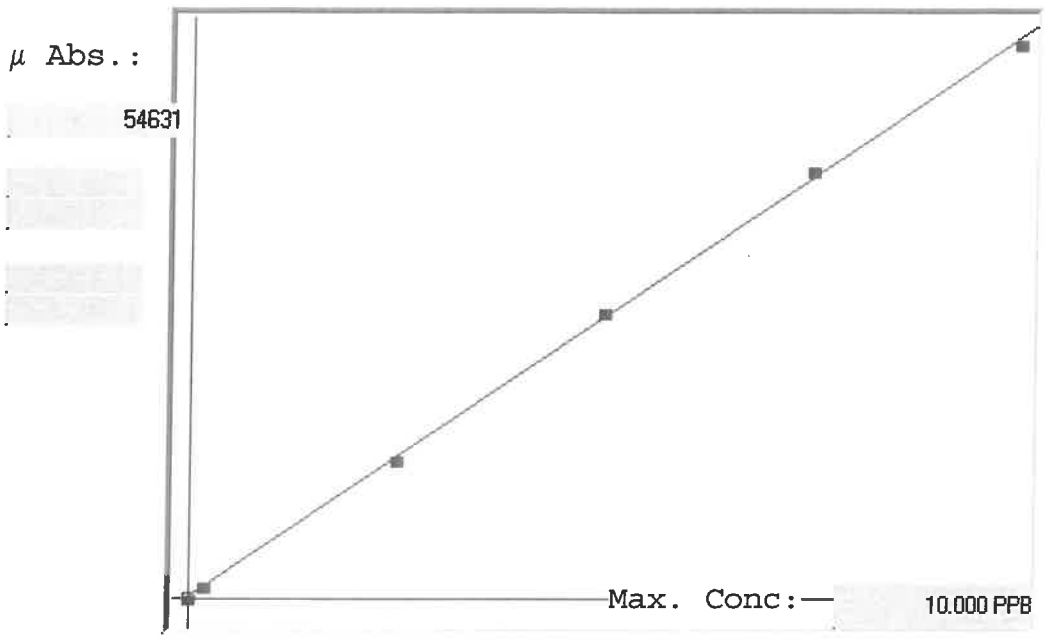
Reviewed By:MOHAN
On:6/6/2025 7:15:52 PM
Inst Id :CV1
LB :LB136001

LB136001

7471B

INSTRUMENT ID: CV1

Linear



A= 0.0000e+000

B= 1.8159e-004

C= -4.0693e-002

Rho= 0.9997523

Accept= Accepted

Std ID	Conc.	Calc.	Dev.	Mean	SD or %RSD	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5	%D
0.0	0.000	-0.011	-0.011	164	0.000	164					-
0.2	0.200	0.193	-0.007	1289	0.0 %	1289					-4
2.5	2.500	2.435	-0.065	13631	0.0 %	13631					-3
5.0	5.000	5.079	0.079	28193	0.0 %	28193					2
7.5	7.500	7.624	0.124	42208	0.0 %	42208					2
10.0	10.000	9.880	-0.120	54631	0.0 %	54631					-1

Reviewed By:MOHAN
On:6/6/2025 7:15:52 PM
Inst Id :CV1
LB :LB136001

LB136001 INSTRUMENT ID : CV1

Method: 7471B Operator: Admin Date of Analysis: 04 Jun 2025 14:32:34

Sample ID	Extended ID	µ Abs	Conc.	Stnd Conc	Method	Units	Date	Type	Type
0.0 - 1	S0	164	-	0.00000	7471B	PPB	04 Jun 2025 14:45:44	S	Std
0.2 - 1	S0-2	1289	-	0.20000	7471B	PPB	04 Jun 2025 14:48:01	S	Std
2.5 - 1	S2-5	13631	-	2.50000	7471B	PPB	04 Jun 2025 14:50:20	S	Std
5.0 - 1	S5	28193	-	5.00000	7471B	PPB	04 Jun 2025 14:52:37	S	Std
7.5 - 1	S7.5	42208	-	7.50000	7471B	PPB	04 Jun 2025 14:54:56	S	Std
10.0 - 1	S10	54631	-	10.00000	7471B	PPB	04 Jun 2025 14:57:15	S	Std
ICV27 - 1	ICV27	23321	4.1942		-7471B	PPB	04 Jun 2025 15:04:33	U	SMPL
ICB27 - 1	ICB27	-269	-0.0895		-7471B	PPB	04 Jun 2025 15:06:49	U	SMPL
CCV01 - 1	CCV01	27728	4.9945		-7471B	PPB	04 Jun 2025 15:09:08	U	SMPL
CCB01 - 1	CCB01	668	0.0806		-7471B	PPB	04 Jun 2025 15:14:02	U	SMPL
CRA - 1	CRA	1300	0.1954		-7471B	PPB	04 Jun 2025 15:21:19	U	SMPL
HighStd - 1	HighStd	51830	9.3713		-7471B	PPB	04 Jun 2025 15:23:34	U	SMPL
ChkStd - 1	ChkStd	37287	6.7304		-7471B	PPB	04 Jun 2025 15:28:34	U	SMPL
PB168290BL - 1	PBS	176	-0.0087		-7471B	PPB	04 Jun 2025 15:33:40	U	SMPL
PB168290BS - 1	LCSS	19835	3.5612		-7471B	PPB	04 Jun 2025 15:38:36	U	SMPL
Q2182-01 - 1	OR-03-06022025	1051	0.1502		-7471B	PPB	04 Jun 2025 15:40:54	U	SMPL
Q2194-01 - 1	COMP-12	976	0.1365		-7471B	PPB	04 Jun 2025 15:43:14	U	SMPL
Q2194-03 - 1	COMP-13	790	0.1028		-7471B	PPB	04 Jun 2025 15:45:32	U	SMPL
Q2195-01 - 1	OK-01-060325	934	0.1289		-7471B	PPB	04 Jun 2025 15:47:50	U	SMPL
Q2195-01DUP - 1	OK-01-060325DUP	563	0.0615		-7471B	PPB	04 Jun 2025 15:50:06	U	SMPL
CCV02 - 1	CCV02	28539	5.1418		-7471B	PPB	04 Jun 2025 15:59:30	U	SMPL
CCB02 - 1	CCB02	98	-0.0229		-7471B	PPB	04 Jun 2025 16:01:45	U	SMPL
Q2195-01MS - 1	OK-01-060325MS	18282	3.2792		-7471B	PPB	04 Jun 2025 16:04:06	U	SMPL
Q2195-01MSD - 1	OK-01-060325MSD	19012	3.4118		-7471B	PPB	04 Jun 2025 16:06:22	U	SMPL
Q2198-01 - 1	B-202-SB02	4028	0.6908		-7471B	PPB	04 Jun 2025 16:08:40	U	SMPL
Q2198-03 - 1	B-207-SB01	8968	1.5878		-7471B	PPB	04 Jun 2025 16:10:59	U	SMPL
Q2199-01 - 1	ETGI-343	10321	1.8335		-7471B	PPB	04 Jun 2025 16:13:17	U	SMPL
Q2199-03 - 1	VNJ-231	2128	0.3457		-7471B	PPB	04 Jun 2025 16:15:36	U	SMPL
Q2199-05 - 1	72-11978	4120	0.7075		-7471B	PPB	04 Jun 2025 16:17:55	U	SMPL
Q2195-01LX5 - 1		46	-0.0323		-7471B	PPB	04 Jun 2025 16:20:13	U	SMPL
Q2195-01A - 1		24774	4.4581		-7471B	PPB	04 Jun 2025 16:25:07	U	SMPL
CCV03 - 1	CCV03	28956	5.2175		-7471B	PPB	04 Jun 2025 16:27:23	U	SMPL
CCB03 - 1	CCB03	-260	-0.0879		-7471B	PPB	04 Jun 2025 16:29:41	U	SMPL

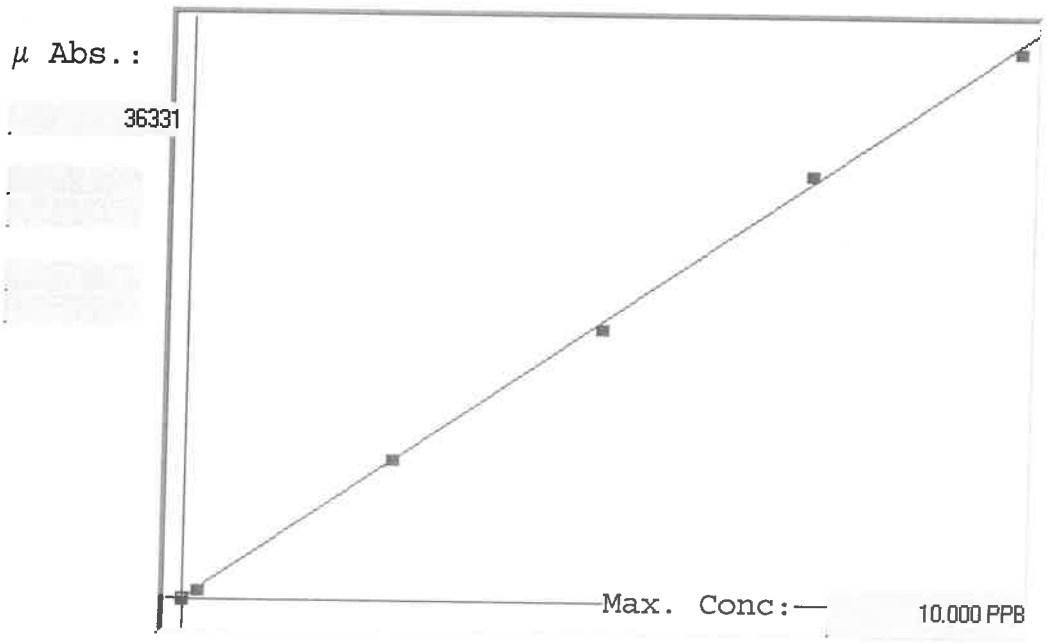
Reviewed By:jaswal
On:6/6/2025 7:13:44 PM
Inst Id :CV1
LB :LB136036

LB136036

7470A

INSTRUMENT ID: CV1

Linear



A= 0.0000e+000

B= 2.7248e-004

C= -7.3944e-003

Rho= 0.9996667

Accept=Accepted

Std ID	Conc.	Calc.	Dev.	Mean	SD or %RSD	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5	%D
0.0	0.000	-0.005	-0.005	9	0.000	9	0				—
0.2	0.200	0.180	-0.020	686	0.0 %	686					-10
2.5	2.500	2.538	0.038	9341	0.0 %	9341					2
5.0	5.000	4.913	-0.087	18057	0.0 %	18057					3
7.5	7.500	7.683	0.183	28222	0.0 %	28222					2
10.0	10.000	9.892	-0.108	36331	0.0 %	36331					-1

Reviewed By:jaswal
On:6/6/2025 7:13:44 PM
Inst Id :CV1
LB :LB136036

LB136036 INSTRUMENT ID : CV1

Method: 7470A Operator: Admin Date of Analysis: 06 Jun 2025 09:14:06

Sample ID	Extended ID	µ Abs.	Conc.	Stnd Conc	Method	Units	Date	Type	Type
0.0 - 1	50	9	-	0.0000	7470A	PPB	06 Jun 2025 09:48:36	S	Std
0.2 - 1	502	686	-	0.2000	7470A	PPB	06 Jun 2025 09:50:53	S	Std
2.5 - 1	5205	9341	-	2.5000	7470A	PPB	06 Jun 2025 09:53:10	S	Std
5.0 - 1	5305	18057	-	5.0000	7470A	PPB	06 Jun 2025 09:55:27	S	Std
7.5 - 1	2305	28222	-	7.5000	7470A	PPB	06 Jun 2025 09:57:44	S	Std
10.0 - 1	316	36331	-	10.0000	7470A	PPB	06 Jun 2025 10:00:02	S	Std
ICV29 - 1	ICV29	13585	3.6943		-7470A	PPB	06 Jun 2025 10:03:18	U	SMPL
ICB29 - 1	ICB29	-72	-0.0270		-7470A	PPB	06 Jun 2025 10:05:33	U	SMPL
CCV08 - 1	CCV08	17437	4.7439		-7470A	PPB	06 Jun 2025 10:07:50	U	SMPL
CCB08 - 1	CCB08	-149	-0.0480		-7470A	PPB	06 Jun 2025 10:10:05	U	SMPL
CRA - 1	CRA	812	0.2139		-7470A	PPB	06 Jun 2025 10:12:22	U	SMPL
HighStd - 1	HighStd	35704	9.7213		-7470A	PPB	06 Jun 2025 10:14:38	U	SMPL
ChkStd - 1	ChkStd	24259	6.6027		-7470A	PPB	06 Jun 2025 10:16:53	U	SMPL
PB168316BL - 1	PBW	-216	-0.0663		-7470A	PPB	06 Jun 2025 10:19:11	U	SMPL
PB168316BS - 1	LCSW	13802	3.7534		-7470A	PPB	06 Jun 2025 10:24:10	U	SMPL
Q2192-01 - 1	SB-1	-48	-0.0205		-7470A	PPB	06 Jun 2025 10:26:26	U	SMPL
Q2194-02 - 1	COMP-12	43	0.0043		-7470A	PPB	06 Jun 2025 10:28:44	U	SMPL
Q2194-04 - 1	COMP-13	262	0.0640		-7470A	PPB	06 Jun 2025 10:31:01	U	SMPL
Q2198-02 - 1	B-202-SB02	55	0.0076		-7470A	PPB	06 Jun 2025 10:33:17	U	SMPL
Q2198-04 - 1	B-207-SB02	49	0.0060		-7470A	PPB	06 Jun 2025 10:35:33	U	SMPL
CCV09 - 1	CCV09	17947	4.8828		-7470A	PPB	06 Jun 2025 10:37:48	U	SMPL
CCB09 - 1	CCB09	-231	-0.0703		-7470A	PPB	06 Jun 2025 10:40:03	U	SMPL
Q2206-04 - 1	TP-1	18	-0.0025		-7470A	PPB	06 Jun 2025 10:42:21	U	SMPL
Q2207-09 - 1	BU-703-COMP-01	42	0.0040		-7470A	PPB	06 Jun 2025 10:44:36	U	SMPL
Q2207-18 - 1	BU-703-COMP-02	36	0.0024		-7470A	PPB	06 Jun 2025 10:46:51	U	SMPL
Q2207-27 - 1	BU-703-COMP-03	47	0.0054		-7470A	PPB	06 Jun 2025 10:49:07	U	SMPL
Q2207-36 - 1	BU-703-COMP-04	47	0.0054		-7470A	PPB	06 Jun 2025 10:51:22	U	SMPL
Q2207-45 - 1	BU-703-COMP-05	20	-0.0019		-7470A	PPB	06 Jun 2025 10:53:38	U	SMPL
Q2208-09 - 1	BU-703-COMP-06	41	0.0038		-7470A	PPB	06 Jun 2025 10:55:55	U	SMPL
Q2208-18 - 1	BU-703-COMP-07	28	0.0002		-7470A	PPB	06 Jun 2025 10:58:12	U	SMPL
Q2208-27 - 1	BU-703-COMP-08	28	0.0002		-7470A	PPB	06 Jun 2025 11:00:28	U	SMPL
Q2208-36 - 1	BU-703-COMP-09	40	0.0035		-7470A	PPB	06 Jun 2025 11:02:44	U	SMPL
CCV10 - 1	CCV10	17318	4.7114		-7470A	PPB	06 Jun 2025 11:04:59	U	SMPL
CCB10 - 1	CCB10	-56	-0.0227		-7470A	PPB	06 Jun 2025 11:07:15	U	SMPL
Q2208-36DUP - 1	BU-703-COMP-09DUP	23	-0.0011		-7470A	PPB	06 Jun 2025 11:09:32	U	SMPL
Q2208-36MS - 1	BU-703-COMP-09MS	15129	4.1150		-7470A	PPB	06 Jun 2025 11:11:48	U	SMPL
Q2208-36MSD - 1	BU-703-COMP-09MSD	15077	4.1008		-7470A	PPB	06 Jun 2025 11:14:03	U	SMPL
PB168317BL - 1	PBW	-140	-0.0455		-7470A	PPB	06 Jun 2025 11:16:21	U	SMPL
PB168317BS - 1	LCSW	12967	3.5259		-7470A	PPB	06 Jun 2025 11:21:19	U	SMPL
Q2175-09DLX10 - 1	52725	1265	0.3373		-7470A	PPB	06 Jun 2025 11:23:35	U	SMPL
Q2198-05 - 1	B-202-GW01	1164	0.3098		-7470A	PPB	06 Jun 2025 11:25:53	U	SMPL
Q2210-01 - 1	TW1	457	0.1171		-7470A	PPB	06 Jun 2025 11:28:12	U	SMPL
Q2216-02 - 1	3887	50	0.0062		-7470A	PPB	06 Jun 2025 11:30:29	U	SMPL
Q2216-02DUP - 1	3887DUP	66	0.0106		-7470A	PPB	06 Jun 2025 11:32:44	U	SMPL
CCV11 - 1	CCV11	16711	4.5461		-7470A	PPB	06 Jun 2025 11:41:10	U	SMPL
CCB11 - 1	CCB11	-20	-0.0128		-7470A	PPB	06 Jun 2025 11:43:26	U	SMPL
Q2216-02MS - 1	3887MS	15285	4.1575		-7470A	PPB	06 Jun 2025 11:48:21	U	SMPL
Q2216-02MSD - 1	3887MSD	13436	3.6537		-7470A	PPB	06 Jun 2025 11:50:36	U	SMPL
Q2216-03 - 1	3888	-27	-0.0148		-7470A	PPB	06 Jun 2025 11:52:53	U	SMPL
Q2216-04 - 1	3864	77	0.0136		-7470A	PPB	06 Jun 2025 11:55:10	U	SMPL
Q2216-05 - 1	3865	-7	-0.0093		-7470A	PPB	06 Jun 2025 11:57:26	U	SMPL
Q2216-06 - 1	3851	44	0.0046		-7470A	PPB	06 Jun 2025 11:59:42	U	SMPL
Q2218-03 - 1	3309	342	0.0858		-7470A	PPB	06 Jun 2025 12:01:59	U	SMPL
Q2221-02 - 1	34900	1149	0.3057		-7470A	PPB	06 Jun 2025 12:04:16	U	SMPL
CCV12 - 1	CCV12	17551	4.7749		-7470A	PPB	06 Jun 2025 12:06:33	U	SMPL
CCB12 - 1	CCB12	-63	-0.0246		-7470A	PPB	06 Jun 2025 12:08:51	U	SMPL
PB168271TB - 1	PB168271TB	-2	-0.0079		-7470A	PPB	06 Jun 2025 12:11:09	U	SMPL
Q2208-36LX5 - 1		-2	-0.0079		-7470A	PPB	06 Jun 2025 12:13:24	U	SMPL
Q2208-36A - 1		12341	3.3553		-7470A	PPB	06 Jun 2025 12:20:13	U	SMPL
Q2216-02LX5 - 1		-73	-0.0273		-7470A	PPB	06 Jun 2025 12:22:28	U	SMPL
Q2216-02A - 1		14019	3.8125		-7470A	PPB	06 Jun 2025 12:24:45	U	SMPL
CCV13 - 1	CCV13	18753	5.1025		-7470A	PPB	06 Jun 2025 12:33:42	U	SMPL
CCB13 - 1	CCB13	-69	-0.0262		-7470A	PPB	06 Jun 2025 12:35:58	U	SMPL

Alliance TECHNICAL GROUP

Water Metals Preparation Sheet

PB168276

SOP ID : M3010A-Digestion-17

SDG No : N/A

Matrix : WATER

Pippete ID: ICP A

Balance ID : N/A

Filter paper ID : N/A

pH Strip ID : M6069

Hood ID : #3

Block ID: 1. HOT BLOCK #1 2. N/A

Start Digest Date: 06/04/2025 **Time :** 10:14 **Temp :** 96 °C

End Digest Date: 06/04/2025 **Time :** 13:20 **Temp :** 96 °C

Digestion tube ID: M5595

Block thermometer ID: MET-DIG. #1

Dig Technician Signature: GJS.

Supervisor Signature: JSP

Temp : 1. 96°C 2. N/A

Standared Name	MLS USED	STD REF. # FROM LOG
LFS-1	0.25	M6007
LFS-2	0.25	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	3.00	M6158
1:1 HCL	5.00	MP85156
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
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

HOT BLOCK#1CELL#50 96 C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
06/04/25 14:20	SKS. met dig	JSP / Met Lab
	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

Water Metals Preparation Sheet

PB168276

Lab Sample ID	Client Sample ID	pH	Initial Vol (ml)	Final Vol (ml)	Color Before	Color After	Clarity Before	Clarity After	Comment	Prep Pos
PB168276BL	PBW276	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	1
PB168276BS	LCS276	<2	50	25	Colorless	Colorless	Clear	Clear	M6007,M6016	2
Q2175-09	52725	<2	50	25	Black	ligh Btrown	Cloudy	Clear	N/A	3
Q2198-05	B-202-GW01	<2	50	25	Brown	light Brown	Cloudy	Clear	N/A	4
Q2198-05MS	B-202-GW01MS	<2	50	25	Brown	ligh Btrown	Cloudy	Clear	M6007,M6016	6
Q2198-05MSD	B-202-GW01MSD	<2	50	25	Brown	ligh Btrown	Cloudy	Clear	M6007,M6016	7
Q2198-05DUP	B-202-GW01DUP	<2	50	25	Brown	ligh Btrown	Cloudy	Clear	N/A	5

WORKLIST(Hardcopy Internal Chain)

WorkList Name : PB168276 **WorkList ID :** 189913 **Department :** Digestion **Date :** 06-04-2025 09:50:59

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2175-09	52725	Water	Metals ICP-TAL	1:1 HNO3 to pH < 2	PSEG03		05/30/2025	6010D
Q2198-05	B-202-GW01	Water	Metals ICP-TAL	1:1 HNO3 to pH < 2	PORT06	N22	05/31/2025	6010D

Date/Time 06/04/2025 10:05
Raw Sample Received by: SLB. met. dio
Raw Sample Relinquished by:

Date/Time 06/04/25 11:05
Raw Sample Received by:
Raw Sample Relinquished by: SLB. met. dio

Alliance TECHNICAL GROUP

Soil/Sludge Metals Preparation Sheet

PB168279

SOP ID : M3050B-Digestion-20

SDG No : N/A

Start Digest Date: 06/04/2025 **Time :** 10:20 **Temp :** 96 °C

Matrix : SOIL

End Digest Date: 06/04/2025 **Time :** 12:25 **Temp :** 96 °C

Pippete ID: ICP A

Digestion tube ID: M6054

Balance ID : M SC-2

Block thermometer ID: MET-DIG. #3

Filter paper ID : N/A

Dig Technician Signature: SLD

pH Strip ID : N/A

Supervisor Signature: JSP

Hood ID : #3

Temp : **1.** 96°C **2.** N/A

Block ID: **1.** HOT BLOCK #3 **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
06/04/25 13:25	SLD met.dig	JSP / Met lab
	Preparation Group	**Analysis Group**

Alliance TECHNICAL GROUP

Soil/Sludge Metals Preparation Sheet

PB168279

Lab Sample ID	Client Sample ID	pH	Initial Weight (g)	Final Vol (ml)	Color Before	Color After	Texture	Artifact	Comment	Prep Pos
PB168279BL	PBS279	N/A	2.00	100	Colorless	Colorless	Fine	N/A	N/A	1
PB168279BS	LCS279	N/A	2.00	100	Colorless	Colorless	Fine	N/A	M6007,M6016	2
Q2194-01	COMP-12	N/A	2.41	100	Brown	Yellow	Medium	N/A	N/A	3
Q2194-03	COMP-13	N/A	2.40	100	Brown	Yellow	Medium	N/A	N/A	4
Q2195-01	OK-01-060325	N/A	2.15	100	Brown	Yellow	Medium	N/A	N/A	5
Q2195-01MS	OK-01-060325MS	N/A	2.19	100	Brown	Yellow	Medium	N/A	M6007,M6016	7
Q2195-01MSD	OK-01-060325MSD	N/A	2.29	100	Brown	Yellow	Medium	N/A	M6007,M6016	8
Q2195-01DUP	OK-01-060325DUP	N/A	2.21	100	Brown	Yellow	Medium	N/A	N/A	6
Q2198-01	B-202-SB02	N/A	2.40	100	Brown	Yellow	Medium	N/A	N/A	9
Q2198-03	B-207-SB~~01~~ 02	N/A	2.22	100	Brown	Yellow	Medium	N/A	N/A	10
Q2199-01	ETGI-343	N/A	2.14	100	Brown	Yellow	Medium	N/A	N/A	11
Q2199-03	VNJ-231	N/A	2.17	100	Brown	Yellow	Medium	N/A	N/A	12
Q2199-05	72-11978	N/A	2.33	100	Brown	Yellow	Medium	N/A	N/A	13

SJ
06/11/25

WORKLIST(Hardcopy Internal Chain)

WorkList Name : PB168279 **WorkList ID :** 189917 **Department :** Digestion **Date :** 06-04-2025 09:52:17

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2194-01	COMP-12	Solid	Metals ICP-TAL	Cool 4 deg C	PSEG03	L31	06/03/2025	6010D
Q2194-03	COMP-13	Solid	Metals ICP-TAL	Cool 4 deg C	PSEG03	L31	06/03/2025	6010D
Q2195-01	OK-01-060325	Solid	Metals ICP-TAL	Cool 4 deg C	PSEG03	L31	06/03/2025	6010D
Q2198-01	B-202-SB02	Solid	Metals ICP-TAL	Cool 4 deg C	PSEG05	L31	06/03/2025	6010D
Q2198-03	B-207-SB01	Solid	Metals ICP-TAL	Cool 4 deg C	PORT06	N22	05/31/2025	6010D
Q2199-01	ETGI-343	Solid	Metals ICP-TAL	Cool 4 deg C	PORT06	N22	06/01/2025	6010D
Q2199-03	VNJ-231	Solid	Metals ICP-TAL	Cool 4 deg C	PSEG03	N31	06/03/2025	6010D
Q2199-05	72-11978	Solid	Metals ICP-TAL	Cool 4 deg C	PSEG03	N31	06/03/2025	6010D

Date/Time 06/04/2025 10:10
Raw Sample Received by: SKS. mot. dio
Raw Sample Relinquished by:

Date/Time 06/04/2025 11:10
Raw Sample Received by:
Raw Sample Relinquished by: SKS. mot. dio

Alliance TECHNICAL GROUP

Soil/Sludge Mercury Preparation Sheet

PB168290

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: 06/04/2025 **Time :** 09:25 **Temp :** 94 °C

End Digest Date: 06/04/2025 **Time :** 09:55 **Temp :** 94 °C

Digestion tube ID: M5595

Block thermometer ID: HG-DIG#3

Dig Technician Signature: MB

Supervisor Signature: W

Temp : 1. 94°C 2. N/A

Standared Name	MLS USED	STD REF. # FROM LOG
ICV	30mL	MP85885
CCV	30mL	MP85887
CRA	30mL	MP85889
Blank Spike	0.48mL	MP85878
Matrix Spike	0.48mL	MP85878

Chemical Used	ML/SAMPLE USED	Lot Number
AQUA REGIA	1.5mL	MP85891
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	MP85879
0.05 ppb	S0.05	N/A	N/A
0.2 ppb	S0.2	30mL	MP85880
2.5 ppb	S2.5	30mL	MP85881
5.0 ppb	S5.0	30mL	MP85882
7.5 ppb	S7.5	30mL	MP85883
10.0 ppb	S10.0	30mL	MP85884
ICV	ICV	30mL	MP85885
ICB	ICB	30mL	MP85886
CCV	CCV	30mL	MP85887
CCB	CCB	30mL	MP85888
CRI	CRI	30mL	MP85889
CHK STD	CHK STD	30mL	MP85890

Extraction Conformance/Non-Conformance Comments:

N/A

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
6/04/25 / 10:35	HG Dig. Lab	Inorganics Lab
	Preparation Group	**Analysis Group**

Alliance TECHNICAL GROUP

Soil/Sludge Mercury Preparation Sheet

PB168290

Lab Sample ID	Client Sample ID	Initial Weight (g)	Final Vol (ml)	pH	Comment	Prep Pos
PB168290BL	PBS290	0.55	35	NA	N/A	3-1
PB168290BS	LCS290	0.54	35	NA	MP85878	2
Q2182-01	OR-03-06022025	0.54	35	NA	N/A	3
Q2194-01	COMP-12	0.57	35	NA	N/A	4
Q2194-03	COMP-13	0.58	35	NA	N/A	5
Q2195-01	OK-01-060325	0.56	35	NA	N/A	6
Q2195-01DUP	OK-01-060325DUP	0.53	35	NA	N/A	7
Q2195-01MS	OK-01-060325MS	0.55	35	NA	MP85878	8
Q2195-01MSD	OK-01-060325MSD	0.57	35	NA	MP85878	9
Q2198-01	B-202-SB02	0.5	35	NA	N/A	10
Q2198-03	B-207-SB~~01~~02	0.52	35	NA	N/A	11
Q2199-01	ETGI-343	0.52	35	NA	N/A	12
Q2199-03	VNJ-231	0.50	35	NA	N/A	13
Q2199-05	72-11978	0.55	35	NA	N/A	14

MB
06/11/25

WORKLIST(Hardcopy Internal Chain)

WorkList Name : 060425_7471 **WorkList ID :** 189906 **Department :** Digestion **Date :** 06-04-2025 08:33:37

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2185-01	TP02-MHB-WC	Solid	Mercury	Cool 4 deg C	PSEG03	L31	06/02/2025	7471B
Q2185-05	TP01-MHA-WC	Solid	Mercury	Cool 4 deg C	PSEG03	L31	06/02/2025	7471B
Q2194-01	COMP-12	Solid	Mercury	Cool 4 deg C	PSEG03	L31	06/02/2025	7471B
Q2194-03	COMP-13	Solid	Mercury	Cool 4 deg C	PSEG03	L31	06/03/2025	7471B
Q2182-01	OR-03-06022025	Solid	Mercury	Cool 4 deg C	PSEG03	L31	06/03/2025	7471B
Q2195-01	OK-01-060325	Solid	Mercury	Cool 4 deg C	PSEG05	N11	06/02/2025	7471B
Q2195-01	OK-01-060325	Solid	Mercury	Cool 4 deg C	PSEG05	L31	06/03/2025	7471B

Q2198-01 Mercury
Q2198-03 "
Q2199-01 "
Q2199-03 "
Q2199-05

Date/Time 6/4/25 @ 8:58
Raw Sample Received by: [illegible]
Raw Sample Relinquished by: [illegible]

Date/Time 6/4/25 @ 9:45
Raw Sample Received by: [illegible]
Raw Sample Relinquished by: [illegible]

Alliance TECHNICAL GROUP

Water Mercury Preparation Sheet

PB168317

SOP ID : M7470A-Mercury-20

SDG No : NA

Matrix : WATER

Pippete ID: HG A

Balance ID : N/A

Filter paper ID : NA

pH Strip ID : M6069

Hood ID : #1

Block ID: 1. HG HOT BLOCK#3 2. N/A

Start Digest Date: 06/05/2025 **Time :** 14:05 **Temp :** 94 °C

End Digest Date: ~~05/29/2025~~ 06/05/2025 **Time :** 16:05 **Temp :** 95 °C

Digestion tube ID: M5595

Block thermometer ID: HG-DIG#3

Dig Technician Signature: MB

Supervisor Signature:

Temp : 1. 94°C 2. N/A

MB
06/11/25

Standared Name	MLS USED	STD REF. # FROM LOG
ICV	30mL	MP85905
CCV	30mL	MP85907
CRA	30mL	MP85909
Blank Spike	0.48mL	MP85898
Matrix Spike	0.48mL	MP85898

Chemical Used	ML/SAMPLE USED	Lot Number
HNO3/H2SO4(1:2)	2.25mL	MP85892
KMnO4 (5%)	4.5mL	MP85893
K2S2O8 (5%)	2.4mL	MP85894
Hydroxylamine HCL (12%)	1.8mL	MP85895
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	MP85899
0.05 ppb	S0.05	N/A	N/A
0.2 ppb	S0.2	30mL	MP85900
2.5 ppb	S2.5	30mL	MP85901
5.0 ppb	S5.0	30mL	MP85902
7.5 ppb	S7.5	30mL	MP85903
10.0 ppb	S10.0	30mL	MP85904
ICV	ICV	30mL	MP85905
ICB	ICB	30mL	MP85906
CCV	CCV	30mL	MP85907
CCB	CCB	30mL	MP85908
CRI	CRI	30mL	MP85909
CHK STD	CHK STD	30mL	MP85910

Extraction Conformance/Non-Conformance Comments:

N/A

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
6/5/25 @ 16:40	DG - DIG: Lab	MB - Metal Lab
	Preparation Group	**Analysis Group**

Alliance TECHNICAL GROUP

Water Mercury Preparation Sheet

PB168317

Lab Sample ID	Client Sample ID	Initial Vol (ml)	Final Vol (ml)	pH	Comment	Prep Pos
PB168317BL	PBW317	30	30	<2	N/A	3-24
PB168317BS	LCS317	30	30	<2	MP85898	25
Q2175-09	52725	30	30	<2	N/A	26
Q2198-05	B-202-GW01	30	30	<2	N/A	27
Q2210-01	TW1	30	30	<2	N/A	28
Q2216-02	3887	30	30	<2	N/A	29
Q2216-02DUP	3887DUP	30	30	<2	N/A	30
Q2216-02MS	3887MS	30	30	<2	MP85898	31
Q2216-02MSD	3887MSD	30	30	<2	MP85898	32
Q2216-03	3888	30	30	<2	N/A	33
Q2216-04	3864	30	30	<2	N/A	34
Q2216-05	3865	30	30	<2	N/A	35
Q2216-06	3851	30	30	<2	N/A	36
Q2218-03	3309	30	30	<2	N/A	37
Q2221-02	34900	30	30	<2	N/A	38

WORKLIST(Hardcopy Internal Chain)

WorkList Name : 060525_7470 **WorkList ID :** 189954 **Department :** Digestion **Date :** 06-05-2025 09:11:37

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2175-09	52725	Water	Mercury	1:1 HNO3 to pH < 2	PSEG03		05/30/2025	7470A
Q2198-05	B-202-GW01	Water	Mercury	1:1 HNO3 to pH < 2	PORT06	N22	05/31/2025	7470A
Q2210-01	TW1	Water	Mercury	1:1 HNO3 to pH < 2	GENV01	L31	06/03/2025	7470A
Q2216-02	3887	Water	Mercury	1:1 HNO3 to pH < 2	PSEG03	N31	06/04/2025	7470A
Q2216-03	3888	Water	Mercury	1:1 HNO3 to pH < 2	PSEG03	N31	06/04/2025	7470A
Q2216-04	3864	Water	Mercury	1:1 HNO3 to pH < 2	PSEG03	N31	06/04/2025	7470A
Q2216-05	3865	Water	Mercury	1:1 HNO3 to pH < 2	PSEG03	N31	06/04/2025	7470A
Q2216-06	3851	Water	Mercury	1:1 HNO3 to pH < 2	PSEG03	N31	06/04/2025	7470A
Q2218-03	3309	Water	Mercury	1:1 HNO3 to pH < 2	PSEG03	N31	06/04/2025	7470A
Q2221-02	34900	Water	Mercury	1:1 HNO3 to pH < 2	PSEG03	N41	06/04/2025	7470A

Date/Time 6/5/25 @ 13:50

Raw Sample Received by: AB - Dig. Lab

Raw Sample Relinquished by: AB - Dig. Lab

Date/Time 6/5/25 @ 14:20

Raw Sample Received by: AB - Dig. Lab

Raw Sample Relinquished by: AB - Dig. Lab

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 6/5/2025

OVENTEMP IN Celsius(°C): 108
Time IN: 17:25
In Date: 06/04/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:26
Out Date: 06/05/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC: LB135996

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
Q2198-01	B-202-SB02	1	1.18	10.51	11.69	8.74	71.9	
Q2198-03	B-207-SB01	2	1.19	10.01	11.2	6.41	52.1	
Q2199-01	ETGI-343	3	1.15	10.53	11.68	9.98	83.9	
Q2199-02	ETGI-343	4	1.19	10.46	11.65	10.55	89.5	
Q2199-03	VNJ-231	5	1.17	10.34	11.51	10.4	89.3	
Q2199-04	VNJ-231	6	1.12	10.63	11.75	10.13	84.8	
Q2199-05	72-11978	7	1.13	10.47	11.6	10.7	91.4	
Q2199-06	72-11978	8	1.13	10.62	11.75	10.66	89.7	
Q2206-01	TP-1	9	1.18	10.47	11.65	10.38	87.9	
Q2206-02	TP-1-EPH	10	1.15	10.03	11.18	10.00	88.2	
Q2206-03	TP-1-VOC	11	1.11	10.44	11.55	10.3	88.0	
Q2215-01	BC122669-1-1	12	1.00	1.00	2.00	2.00	100.0	pilc
Q2215-02	BC122669-1-2	13	1.00	1.00	2.00	2.00	100.0	pilc
Q2215-03	BC283059-1-1	14	1.00	1.00	2.00	2.00	100.0	pilc
Q2215-04	BC283059-1-2	15	1.00	1.00	2.00	2.00	100.0	pilc
Q2216-01	3898	16	1.00	1.00	2.00	2.00	100.0	debris
Q2217-01	HEH707X-1-1	17	1.00	1.00	2.00	2.00	100.0	pilc
Q2217-02	HEH707X-1-2	18	1.00	1.00	2.00	2.00	100.0	pilc

$$\% \text{ Solid} = \frac{(C-A) * 100}{(B-A)}$$

WORKLIST(Hardcopy Internal Chain)

LB 135996

WorkList Name : %1-060425 **WorkList ID :** 189903 **Department :** Wet-Chemistry **Date :** 06-04-2025 08:10:46

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2198-01	B-202-SB02	Solid	Percent Solids	Cool 4 deg C	PORT06	N22	05/31/2025	Chemtech -SO
Q2198-03	B-207-SB01	Solid	Percent Solids	Cool 4 deg C	PORT06	N22	06/01/2025	Chemtech -SO
Q2199-01	ETGI-343	Solid	Percent Solids	Cool 4 deg C	PSEG03	N31	06/03/2025	Chemtech -SO
Q2199-02	ETGI-343	Solid	Percent Solids	Cool 4 deg C	PSEG03	N31	06/03/2025	Chemtech -SO
Q2199-03	VNJ-231	Solid	Percent Solids	Cool 4 deg C	PSEG03	N31	06/03/2025	Chemtech -SO
Q2199-04	VNJ-231	Solid	Percent Solids	Cool 4 deg C	PSEG03	N31	06/03/2025	Chemtech -SO
Q2199-05	72-11978	Solid	Percent Solids	Cool 4 deg C	PSEG03	N31	06/03/2025	Chemtech -SO
Q2199-06	72-11978	Solid	Percent Solids	Cool 4 deg C	PSEG03	N31	06/03/2025	Chemtech -SO
Q2215-04	BC283059-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	N31	06/03/2025	Chemtech -SO
Q2216-01	3898	Solid	Percent Solids	Cool 4 deg C	PSEG03	N31	06/04/2025	Chemtech -SO
Q2217-01	HEH707X-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	N31	06/04/2025	Chemtech -SO
Q2217-02	HEH707X-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	N31	06/04/2025	Chemtech -SO
Q2206-01	TP-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	N31	06/04/2025	Chemtech -SO
Q2206-02	TP-1-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	N31	06/04/2025	Chemtech -SO
Q2206-03	TP-1-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	N31	06/04/2025	Chemtech -SO
Q2215-01	BC122669-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	N31	06/04/2025	Chemtech -SO
Q2215-02	BC122669-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	N31	06/04/2025	Chemtech -SO
Q2215-03	BC283059-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	N31	06/04/2025	Chemtech -SO

Date/Time 06/04/25 16:26

Raw Sample Received by: [signature]

Raw Sample Relinquished by: [signature]

Date/Time 06/04/25 17:35

Raw Sample Received by: [signature]

Raw Sample Relinquished by: [signature]

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 # LB136001

Review By	jaswal	Review On	6/6/2025 7:14:38 PM
Supervise By	MOHAN	Supervise On	6/6/2025 7:15:52 PM

STD. NAME	STD REF.#
ICAL Standard	MP85879,MP85880,MP85881,MP85882,MP85883,MP85884
ICV Standard	MP85885
CCV Standard	MP85887
ICSA Standard	
CRI Standard	MP85889
LCS Standard	
Chk Standard	MP8588666666,MP858888888,MP85890,MP85866

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	06/04/25 14:45		MOHAN	OK
2	S0.2	S0.2	CAL2	06/04/25 14:48		MOHAN	OK
3	S2.5	S2.5	CAL3	06/04/25 14:50		MOHAN	OK
4	S5	S5	CAL4	06/04/25 14:52		MOHAN	OK
5	S7.5	S7.5	CAL5	06/04/25 14:54		MOHAN	OK
6	S10	S10	CAL6	06/04/25 14:57		MOHAN	OK
7	ICV27	ICV27	ICV	06/04/25 15:04		MOHAN	OK
8	ICB27	ICB27	ICB	06/04/25 15:06		MOHAN	OK
9	CCV01	CCV01	CCV	06/04/25 15:09		MOHAN	OK
10	CCB01	CCB01	CCB	06/04/25 15:14		MOHAN	OK
11	CRA	CRA	CRDL	06/04/25 15:21		MOHAN	OK
12	HighStd	HighStd	HIGH STD	06/04/25 15:23		MOHAN	OK
13	ChkStd	ChkStd	SAM	06/04/25 15:28		MOHAN	OK
14	PB168290BL	PB168290BL	MB	06/04/25 15:33		MOHAN	OK
15	PB168290BS	PB168290BS	LCS	06/04/25 15:38		MOHAN	OK
16	Q2182-01	OR-03-06022025	SAM	06/04/25 15:40		MOHAN	OK
17	Q2194-01	COMP-12	SAM	06/04/25 15:43		MOHAN	OK
18	Q2194-03	COMP-13	SAM	06/04/25 15:45		MOHAN	OK

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Instrument ID: CV1

Daily Analysis Runlog For Sequence/QCBatch ID # LB136001

Review By	jaswal	Review On	6/6/2025 7:14:38 PM
Supervise By	MOHAN	Supervise On	6/6/2025 7:15:52 PM

STD. NAME	STD REF.#
ICAL Standard	MP85879,MP85880,MP85881,MP85882,MP85883,MP85884
ICV Standard	MP85885
CCV Standard	MP85887
ICSA Standard	
CRI Standard	MP85889
LCS Standard	
Chk Standard	MP8588666666,MP858888888,MP85890,MP85866

19	Q2195-01	OK-01-060325	SAM	06/04/25 15:47		MOHAN	OK
20	Q2195-01DUP	OK-01-060325DUP	DUP	06/04/25 15:50		MOHAN	OK
21	CCV02	CCV02	CCV	06/04/25 15:59		MOHAN	OK
22	CCB02	CCB02	CCB	06/04/25 16:01		MOHAN	OK
23	Q2195-01MS	OK-01-060325MS	MS	06/04/25 16:04		MOHAN	OK
24	Q2195-01MSD	OK-01-060325MSD	MSD	06/04/25 16:06		MOHAN	OK
25	Q2198-01	B-202-SB02	SAM	06/04/25 16:08		MOHAN	OK
26	Q2198-03	B-207-SB02	SAM	06/04/25 16:10		MOHAN	OK
27	Q2199-01	ETGI-343	SAM	06/04/25 16:13		MOHAN	OK
28	Q2199-03	VNJ-231	SAM	06/04/25 16:15		MOHAN	OK
29	Q2199-05	72-11978	SAM	06/04/25 16:17		MOHAN	OK
30	Q2195-01L	OK-01-060325L	SD	06/04/25 16:20		MOHAN	OK
31	Q2195-01A	OK-01-060325A	PS	06/04/25 16:25		MOHAN	OK
32	CCV03	CCV03	CCV	06/04/25 16:27		MOHAN	OK
33	CCB03	CCB03	CCB	06/04/25 16:29		MOHAN	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB136011

Review By	Janvi	Review On	6/5/2025 3:57:54 PM
Supervise By	jaswal	Supervise On	6/10/2025 4:55:25 PM

STD. NAME	STD REF.#
ICAL Standard	MP85867,MP85897,MP85871,MP85870,MP85869,MP85868
ICV Standard	MP85872
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	06/04/25 14:18		Jaswal	OK
2	S1	S1	CAL2	06/04/25 14:23		Jaswal	OK
3	S2	S2	CAL3	06/04/25 14:27		Jaswal	OK
4	S3	S3	CAL4	06/04/25 14:31		Jaswal	OK
5	S4	S4	CAL5	06/04/25 14:35		Jaswal	OK
6	S5	S5	CAL6	06/04/25 14:39		Jaswal	OK
7	ICV01	ICV01	ICV	06/04/25 15:49		Jaswal	OK
8	LLICV01	LLICV01	LLICV	06/04/25 16:06		Jaswal	OK
9	ICB01	ICB01	ICB	06/04/25 16:10		Jaswal	OK
10	CRI01	CRI01	CRDL	06/04/25 16:15		Jaswal	OK
11	ICSA01	ICSA01	ICSA	06/04/25 16:26		Jaswal	OK
12	ICSAB01	ICSAB01	ICSAB	06/04/25 16:32		Jaswal	OK
13	ICSADL	ICSADL	ICSA	06/04/25 16:36		Jaswal	OK
14	ICSABDL	ICSABDL	ICSAB	06/04/25 16:40		Jaswal	OK
15	CCV01	CCV01	CCV	06/04/25 16:45		Jaswal	OK
16	CCB01	CCB01	CCB	06/04/25 16:52		Jaswal	OK
17	Q2160-05	TP05-MHH-WC	SAM	06/04/25 16:57		Jaswal	OK
18	Q2159-04	TP05-MHO-WC	SAM	06/04/25 17:01		Jaswal	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB136011

Review By	Janvi	Review On	6/5/2025 3:57:54 PM
Supervise By	jaswal	Supervise On	6/10/2025 4:55:25 PM

STD. NAME	STD REF.#
ICAL Standard	MP85867,MP85897,MP85871,MP85870,MP85869,MP85868
ICV Standard	MP85872
CCV Standard	MP85875
ICSA Standard	MP85873,MP85874
CRI Standard	MP85897
LCS Standard	
Chk Standard	MP85876,MP85877

19	Q2178-01	RT2929	SAM	06/04/25 17:05		Jaswal	OK
20	Q2182-01	OR-03-06022025	SAM	06/04/25 17:10		Jaswal	OK
21	Q2172-04	TP06-MHQ	SAM	06/04/25 17:14		Jaswal	OK
22	Q2178-02	RT2929	SAM	06/04/25 17:18		Jaswal	OK
23	Q2185-01	TP02-MHB-WC	SAM	06/04/25 17:23		Jaswal	OK
24	Q2185-05	TP01-MHA-WC	SAM	06/04/25 17:27		Jaswal	OK
25	Q2178-01DUP	RT2929DUP	DUP	06/04/25 17:31		Jaswal	OK
26	CCV02	CCV02	CCV	06/04/25 17:35		Jaswal	OK
27	CCB02	CCB02	CCB	06/04/25 17:39		Jaswal	OK
28	Q2178-01L	RT2929L	SD	06/04/25 17:48		Jaswal	OK
29	Q2178-01MS	RT2929MS	MS	06/04/25 17:53		Jaswal	OK
30	Q2178-01MSD	RT2929MSD	MSD	06/04/25 17:57		Jaswal	OK
31	Q2178-01A	RT2929A	PS	06/04/25 18:01		Jaswal	OK
32	PB168224TB	PB168224TB	MB	06/04/25 18:05		Jaswal	OK
33	Q2168-02	SAN-A1-A3	SAM	06/04/25 18:10		Jaswal	OK
34	Q2168-06	SAN-B1-B3	SAM	06/04/25 18:14		Jaswal	OK
35	Q2168-10	SAN-C1-C2	SAM	06/04/25 18:19		Jaswal	OK
36	Q2177-03	B-187-SB01	SAM	06/04/25 18:23		Jaswal	OK
37	CCV03	CCV03	CCV	06/04/25 18:37		Jaswal	OK
38	CCB03	CCB03	CCB	06/04/25 18:42		Jaswal	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB136011

Review By	Janvi	Review On	6/5/2025 3:57:54 PM
Supervise By	jaswal	Supervise On	6/10/2025 4:55:25 PM

STD. NAME	STD REF.#
ICAL Standard	MP85867,MP85897,MP85871,MP85870,MP85869,MP85868
ICV Standard	MP85872
CCV Standard	MP85875
ICSA Standard	MP85873,MP85874
CRI Standard	MP85897
LCS Standard	
Chk Standard	MP85876,MP85877

39	Q2177-05	B-187-SB02	SAM	06/04/25 18:47		Jaswal	OK
40	Q2177-07	B-202-SB01	SAM	06/04/25 18:51		Jaswal	OK
41	Q2185-04	TP02-MHB-WC	SAM	06/04/25 18:56		Jaswal	OK
42	Q2185-08	TP01-MHA-WC	SAM	06/04/25 19:00		Jaswal	OK
43	Q2185-08DUP	TP01-MHA-WC	DUP	06/04/25 19:04		Jaswal	OK
44	Q2185-08L	TP01-MHA-WC	SD	06/04/25 19:09		Jaswal	OK
45	Q2185-08MS	TP01-MHA-WCMS	MS	06/04/25 19:13		Jaswal	OK
46	Q2185-08MSD	TP01-MHA-WCMSD	MSD	06/04/25 19:17		Jaswal	OK
47	Q2185-08A	TP01-MHA-WC	PS	06/04/25 19:22		Jaswal	OK
48	CCV04	CCV04	CCV	06/04/25 19:26		Jaswal	OK
49	CCB04	CCB04	CCB	06/04/25 19:30		Jaswal	OK
50	PB168256BL	PB168256BL	MB	06/04/25 19:34		Jaswal	OK
51	PB168256BS	PB168256BS	LCS	06/04/25 19:39		Jaswal	OK
52	PB168261BL	PB168261BL	MB	06/04/25 19:43		Jaswal	OK
53	PB168261BS	PB168261BS	LCS	06/04/25 19:47		Jaswal	OK
54	PB168255BL	PB168255BL	MB	06/04/25 19:51		Jaswal	OK
55	PB168255BS	PB168255BS	LCS	06/04/25 19:55		Jaswal	OK
56	Q2169-01	303-PPR-1	SAM	06/04/25 19:59		Jaswal	OK
57	Q2169-03	303-PPR-2	SAM	06/04/25 20:03		Jaswal	OK
58	Q2175-06DL	EGR-LIQUIDDL	SAM	06/04/25 20:08	Straight 5x for all elements	Jaswal	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB136011

Review By	Janvi	Review On	6/5/2025 3:57:54 PM
Supervise By	jaswal	Supervise On	6/10/2025 4:55:25 PM

STD. NAME	STD REF.#
ICAL Standard	MP85867,MP85897,MP85871,MP85870,MP85869,MP85868
ICV Standard	MP85872
CCV Standard	MP85875
ICSA Standard	MP85873,MP85874
CRI Standard	MP85897
LCS Standard	
Chk Standard	MP85876,MP85877

59	CCV05	CCV05	CCV	06/04/25 20:12		Jaswal	OK
60	CCB05	CCB05	CCB	06/04/25 20:16		Jaswal	OK
61	Q2177-08	EB05312025	SAM	06/04/25 20:20		Jaswal	OK
62	Q2169-03DUP	303-PPR-2DUP	DUP	06/04/25 20:25		Jaswal	OK
63	Q2169-03L	303-PPR-2L	SD	06/04/25 20:29		Jaswal	OK
64	Q2169-03MS	303-PPR-2MS	MS	06/04/25 20:33		Jaswal	OK
65	Q2169-03MSD	303-PPR-2MSD	MSD	06/04/25 20:37		Jaswal	OK
66	Q2169-03A	303-PPR-2A	PS	06/04/25 20:42		Jaswal	OK
67	PB168276BL	PB168276BL	MB	06/04/25 20:46		Jaswal	OK
68	PB168276BS	PB168276BS	LCS	06/04/25 20:50		Jaswal	OK
69	Q2175-09DL	52725DL	SAM	06/04/25 20:54	Straight 5x for all elements	Jaswal	OK
70	CCV06	CCV06	CCV	06/04/25 20:58		Jaswal	OK
71	CCB06	CCB06	CCB	06/04/25 21:02		Jaswal	OK
72	Q2198-05DL	B-202-GW01DL	SAM	06/04/25 21:07	Straight 5x for all elements	Jaswal	OK
73	Q2198-05DUPDL	B-202-GW01DUPDL	DUP	06/04/25 21:11	Straight 5x for all elements	Jaswal	OK
74	Q2198-05LDL	B-202-GW01LDL	SD	06/04/25 21:15	Straight 25x for all elements	Jaswal	OK
75	Q2198-05MSDL	B-202-GW01MSDL	MS	06/04/25 21:20	Straight 5x for all elements	Jaswal	OK
76	Q2198-05MSDDL	B-202-GW01MSDDL	MSD	06/04/25 21:24	Straight 5x for all elements	Jaswal	OK
77	Q2198-05ADL	B-202-GW01ADL	PS	06/04/25 21:28	Straight 5x for all elements	Jaswal	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB136011

Review By	Janvi	Review On	6/5/2025 3:57:54 PM
Supervise By	jaswal	Supervise On	6/10/2025 4:55:25 PM

STD. NAME	STD REF.#
ICAL Standard	MP85867,MP85897,MP85871,MP85870,MP85869,MP85868
ICV Standard	MP85872
CCV Standard	MP85875
ICSA Standard	MP85873,MP85874
CRI Standard	MP85897
LCS Standard	
Chk Standard	MP85876,MP85877

78	Q2172-01	TP06-MHQ	SAM	06/04/25 21:32	CCV fail for Fe,K,Na	Jaswal	Not Ok
79	Q2172-01DUP	TP06-MHQDUP	DUP	06/04/25 21:37	CCV fail for Fe,K,Na	Jaswal	Not Ok
80	CCV07	CCV07	CCV	06/04/25 21:41		Jaswal	OK
81	CCB07	CCB07	CCB	06/04/25 21:45		Jaswal	OK
82	Q2172-01L	TP06-MHQL	SD	06/04/25 21:49	CCV fail for Fe,K,Na	Jaswal	Not Ok
83	Q2172-01MS	TP06-MHQMS	MS	06/04/25 21:54	CCV fail for Fe,K,Na	Jaswal	Not Ok
84	Q2172-01MSD	TP06-MHQMSD	MSD	06/04/25 21:57	CCV fail for Fe,K,Na	Jaswal	Not Ok
85	Q2172-01A	TP06-MHQA	PS	06/04/25 22:01	CCV fail for Fe,K,Na	Jaswal	Not Ok
86	CCV08	CCV08	CCV	06/04/25 22:06	CCV fail for Fe,K,Na	Jaswal	OK
87	CCB08	CCB08	CCB	06/04/25 22:10		Jaswal	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB136035

Review By	Janvi	Review On	6/6/2025 2:54:51 PM
Supervise By	MOHAN	Supervise On	6/6/2025 7:09:42 PM

STD. NAME	STD REF.#
ICAL Standard	MP85867,MP85897,MP85871,MP85870,MP85869,MP85868
ICV Standard	MP85872
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	06/05/25 15:11		Jaswal	OK
2	S1	S1	CAL2	06/05/25 15:16		Jaswal	OK
3	S2	S2	CAL3	06/05/25 15:20		Jaswal	OK
4	S3	S3	CAL4	06/05/25 15:24		Jaswal	OK
5	S4	S4	CAL5	06/05/25 15:28		Jaswal	OK
6	S5	S5	CAL6	06/05/25 15:32		Jaswal	OK
7	ICV01	ICV01	ICV	06/05/25 15:55	ICV fail for Ba,Be,Tl (200.7) (95-105)	Jaswal	OK
8	LLICV01	LLICV01	LLICV	06/05/25 16:09		Jaswal	OK
9	ICB01	ICB01	ICB	06/05/25 16:14		Jaswal	OK
10	CRI01	CRI01	CRDL	06/05/25 16:19		Jaswal	OK
11	ICSA01	ICSA01	ICSA	06/05/25 16:23		Jaswal	OK
12	ICSAB01	ICSAB01	ICSAB	06/05/25 16:32		Jaswal	OK
13	ICSADL	ICSADL	ICSA	06/05/25 16:40		Jaswal	OK
14	ICSABDL	ICSABDL	ICSAB	06/05/25 16:45		Jaswal	OK
15	CCV01	CCV01	CCV	06/05/25 16:50		Jaswal	OK
16	CCB01	CCB01	CCB	06/05/25 16:54		Jaswal	OK
17	Q2205-01	001-WILLETS-PT-BL	SAM	06/05/25 16:59		Jaswal	OK
18	Q2205-02	002-35TH-AVE(MAY)	SAM	06/05/25 17:03		Jaswal	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB136035

Review By	Janvi	Review On	6/6/2025 2:54:51 PM
Supervise By	MOHAN	Supervise On	6/6/2025 7:09:42 PM

STD. NAME	STD REF.#
ICAL Standard	MP85867,MP85897,MP85871,MP85870,MP85869,MP85868
ICV Standard	MP85872
CCV Standard	MP85875
ICSA Standard	MP85873,MP85874
CRI Standard	MP85897
LCS Standard	
Chk Standard	MP85876,MP85877

19	Q2172-01	TP06-MHQ	SAM	06/05/25 17:08		Jaswal	OK
20	Q2172-01DUP	TP06-MHQDUP	DUP	06/05/25 17:12		Jaswal	OK
21	Q2172-01L	TP06-MHQL	SD	06/05/25 17:16		Jaswal	OK
22	Q2172-01A	TP06-MHQA	PS	06/05/25 17:29		Jaswal	OK
23	Q2203-01	001-WILLETS-PT-BL\	SAM	06/05/25 17:33		Jaswal	OK
24	Q2172-01MS	TP06-MHQMS	MS	06/05/25 17:37		Jaswal	OK
25	Q2172-01MSD	TP06-MHQMSD	MSD	06/05/25 17:41		Jaswal	OK
26	CCV02	CCV02	CCV	06/05/25 17:46		Jaswal	OK
27	CCB02	CCB02	CCB	06/05/25 17:50		Jaswal	OK
28	Q2203-04	002-35TH-AVE(JUNE	SAM	06/05/25 17:54		Jaswal	OK
29	Q2199-01	ETGI-343	SAM	06/05/25 17:59		Jaswal	OK
30	Q2199-03	VNJ-231	SAM	06/05/25 18:03		Jaswal	OK
31	Q2199-05	72-11978	SAM	06/05/25 18:07		Jaswal	OK
32	Q2148-02	COMP	SAM	06/05/25 19:05		Jaswal	OK
33	Q2148-02DUP	COMPDUP	DUP	06/05/25 19:09		Jaswal	OK
34	Q2148-02L	COMPL	SD	06/05/25 19:14		Jaswal	OK
35	Q2148-02MS	COMPMS	MS	06/05/25 19:18		Jaswal	OK
36	Q2148-02MSD	COMPMSD	MSD	06/05/25 19:22		Jaswal	OK
37	CCV03	CCV03	CCV	06/05/25 19:43		Jaswal	OK
38	CCB03	CCB03	CCB	06/05/25 19:47		Jaswal	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB136035

Review By	Janvi	Review On	6/6/2025 2:54:51 PM
Supervise By	MOHAN	Supervise On	6/6/2025 7:09:42 PM

STD. NAME	STD REF.#
ICAL Standard	MP85867,MP85897,MP85871,MP85870,MP85869,MP85868
ICV Standard	MP85872
CCV Standard	MP85875
ICSA Standard	MP85873,MP85874
CRI Standard	MP85897
LCS Standard	
Chk Standard	MP85876,MP85877

39	Q2148-02A	COMPA	PS	06/05/25 19:52		Jaswal	OK
40	Q2194-01	COMP-12	SAM	06/05/25 19:56		Jaswal	OK
41	Q2194-03	COMP-13	SAM	06/05/25 20:00		Jaswal	OK
42	Q2195-01	OK-01-060325	SAM	06/05/25 20:04		Jaswal	OK
43	Q2195-01DUP	OK-01-060325DUP	DUP	06/05/25 20:08		Jaswal	OK
44	Q2195-01L	OK-01-060325L	SD	06/05/25 20:12		Jaswal	OK
45	Q2195-01MS	OK-01-060325MS	MS	06/05/25 20:16		Jaswal	OK
46	Q2195-01MSD	OK-01-060325MSD	MSD	06/05/25 20:20		Jaswal	OK
47	Q2195-01A	OK-01-060325A	PS	06/05/25 20:24		Jaswal	OK
48	CCV04	CCV04	CCV	06/05/25 20:28		Jaswal	OK
49	CCB04	CCB04	CCB	06/05/25 20:32		Jaswal	OK
50	Q2198-01	B-202-SB02	SAM	06/05/25 20:37		Jaswal	OK
51	Q2198-03	B-207-SB02	SAM	06/05/25 20:41		Jaswal	OK
52	PB168279BL	PB168279BL	MB	06/05/25 20:45	Not Use	Jaswal	Not Ok
53	PB168279BS	PB168279BS	LCS	06/05/25 20:49	Not Use	Jaswal	Not Ok
54	PB168291BL	PB168291BL	MB	06/05/25 20:53	Not Use	Jaswal	Not Ok
55	PB168291BS	PB168291BS	LCS	06/05/25 20:58	Not Use	Jaswal	Not Ok
56	Q2214-01	RBR251425	SAM	06/05/25 21:02		Jaswal	OK
57	Q2219-01	72-11995	SAM	06/05/25 21:06		Jaswal	OK
58	Q2224-01	EO-01-06042025	SAM	06/05/25 21:10		Jaswal	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB136035

Review By	Janvi	Review On	6/6/2025 2:54:51 PM
Supervise By	MOHAN	Supervise On	6/6/2025 7:09:42 PM

STD. NAME	STD REF.#
ICAL Standard	MP85867,MP85897,MP85871,MP85870,MP85869,MP85868
ICV Standard	MP85872
CCV Standard	MP85875
ICSA Standard	MP85873,MP85874
CRI Standard	MP85897
LCS Standard	
Chk Standard	MP85876,MP85877

59	CCV05	CCV05	CCV	06/05/25 23:51		Jaswal	OK
60	CCB05	CCB05	CCB	06/05/25 23:56		Jaswal	OK

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Instrument ID: CV1

Daily Analysis Runlog For Sequence/QCBatch ID # LB136036

Review By	MOHAN	Review On	6/6/2025 7:12:22 PM
Supervise By	jaswal	Supervise On	6/6/2025 7:13:44 PM

STD. NAME	STD REF.#
ICAL Standard	MP85899,MP8590,MP85901,MP85902,MP85903,MP85904
ICV Standard	MP85905
CCV Standard	MP85907
ICSA Standard	
CRI Standard	MP85909
LCS Standard	
Chk Standard	MP85906,MP85908,MP8591410,MP859

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	06/06/25 09:48		MOHAN	OK
2	S0.2	S0.2	CAL2	06/06/25 09:50		MOHAN	OK
3	S2.5	S2.5	CAL3	06/06/25 09:53		MOHAN	OK
4	S5	S5	CAL4	06/06/25 09:55		MOHAN	OK
5	S7.5	S7.5	CAL5	06/06/25 09:57		MOHAN	OK
6	S10	S10	CAL6	06/06/25 10:00		MOHAN	OK
7	ICV29	ICV29	ICV	06/06/25 10:03		MOHAN	OK
8	ICB29	ICB29	ICB	06/06/25 10:05		MOHAN	OK
9	CCV08	CCV08	CCV	06/06/25 10:07		MOHAN	OK
10	CCB08	CCB08	CCB	06/06/25 10:10		MOHAN	OK
11	CRA	CRA	CRDL	06/06/25 10:12		MOHAN	OK
12	HighStd	HighStd	HIGH STD	06/06/25 10:14		MOHAN	OK
13	ChkStd	ChkStd	SAM	06/06/25 10:16		MOHAN	OK
14	PB168316BL	PB168316BL	MB	06/06/25 10:19		MOHAN	OK
15	PB168316BS	PB168316BS	LCS	06/06/25 10:24		MOHAN	OK
16	Q2192-01	SB-1	SAM	06/06/25 10:26		MOHAN	OK
17	Q2194-02	COMP-12	SAM	06/06/25 10:28		MOHAN	OK
18	Q2194-04	COMP-13	SAM	06/06/25 10:31		MOHAN	OK

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Instrument ID: CV1

Daily Analysis Runlog For Sequence/QCBatch ID # LB136036

Review By	MOHAN	Review On	6/6/2025 7:12:22 PM
Supervise By	jaswal	Supervise On	6/6/2025 7:13:44 PM

STD. NAME	STD REF.#
ICAL Standard	MP85899,MP8590,MP85901,MP85902,MP85903,MP85904
ICV Standard	MP85905
CCV Standard	MP85907
ICSA Standard	
CRI Standard	MP85909
LCS Standard	
Chk Standard	MP85906,MP85908,MP8591410,MP859

19	Q2198-02	B-202-SB02	SAM	06/06/25 10:33		MOHAN	OK
20	Q2198-04	B-207-SB02	SAM	06/06/25 10:35		MOHAN	OK
21	CCV09	CCV09	CCV	06/06/25 10:37		MOHAN	OK
22	CCB09	CCB09	CCB	06/06/25 10:40		MOHAN	OK
23	Q2206-04	TP-1	SAM	06/06/25 10:42		MOHAN	OK
24	Q2207-09	BU-703-COMP-01	SAM	06/06/25 10:44		MOHAN	OK
25	Q2207-18	BU-703-COMP-02	SAM	06/06/25 10:46		MOHAN	OK
26	Q2207-27	BU-703-COMP-03	SAM	06/06/25 10:49		MOHAN	OK
27	Q2207-36	BU-703-COMP-04	SAM	06/06/25 10:51		MOHAN	OK
28	Q2207-45	BU-703-COMP-05	SAM	06/06/25 10:53		MOHAN	OK
29	Q2208-09	BU-703-COMP-06	SAM	06/06/25 10:55		MOHAN	OK
30	Q2208-18	BU-703-COMP-07	SAM	06/06/25 10:58		MOHAN	OK
31	Q2208-27	BU-703-COMP-08	SAM	06/06/25 11:00		MOHAN	OK
32	Q2208-36	BU-703-COMP-09	SAM	06/06/25 11:02		MOHAN	OK
33	CCV10	CCV10	CCV	06/06/25 11:04		MOHAN	OK
34	CCB10	CCB10	CCB	06/06/25 11:07		MOHAN	OK
35	Q2208-36DUP	BU-703-COMP-09DU	DUP	06/06/25 11:09		MOHAN	OK
36	Q2208-36MS	BU-703-COMP-09MS	MS	06/06/25 11:11		MOHAN	OK
37	Q2208-36MSD	BU-703-COMP-09MS	MSD	06/06/25 11:14		MOHAN	OK
38	PB168317BL	PB168317BL	MB	06/06/25 11:16		MOHAN	OK

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Instrument ID: CV1

Daily Analysis Runlog For Sequence/QCBatch ID # LB136036

Review By	MOHAN	Review On	6/6/2025 7:12:22 PM
Supervise By	jaswal	Supervise On	6/6/2025 7:13:44 PM

STD. NAME	STD REF.#
ICAL Standard	MP85899,MP8590,MP85901,MP85902,MP85903,MP85904
ICV Standard	MP85905
CCV Standard	MP85907
ICSA Standard	
CRI Standard	MP85909
LCS Standard	
Chk Standard	MP85906,MP85908,MP8591410,MP859

39	PB168317BS	PB168317BS	LCS	06/06/25 11:21		MOHAN	OK
40	Q2175-09DL	52725DL	SAM	06/06/25 11:23	10X for Straight dilution	MOHAN	OK
41	Q2198-05	B-202-GW01	SAM	06/06/25 11:25		MOHAN	OK
42	Q2210-01	TW1	SAM	06/06/25 11:28		MOHAN	OK
43	Q2216-02	3887	SAM	06/06/25 11:30		MOHAN	OK
44	Q2216-02DUP	3887DUP	DUP	06/06/25 11:32		MOHAN	OK
45	CCV11	CCV11	CCV	06/06/25 11:41		MOHAN	OK
46	CCB11	CCB11	CCB	06/06/25 11:43		MOHAN	OK
47	Q2216-02MS	3887MS	MS	06/06/25 11:48		MOHAN	OK
48	Q2216-02MSD	3887MSD	MSD	06/06/25 11:50		MOHAN	OK
49	Q2216-03	3888	SAM	06/06/25 11:52		MOHAN	OK
50	Q2216-04	3864	SAM	06/06/25 11:55		MOHAN	OK
51	Q2216-05	3865	SAM	06/06/25 11:57		MOHAN	OK
52	Q2216-06	3851	SAM	06/06/25 11:59		MOHAN	OK
53	Q2218-03	3309	SAM	06/06/25 12:01		MOHAN	OK
54	Q2221-02	34900	SAM	06/06/25 12:04		MOHAN	OK
55	CCV12	CCV12	CCV	06/06/25 12:06		MOHAN	OK
56	CCB12	CCB12	CCB	06/06/25 12:08		MOHAN	OK
57	PB168271TB	PB168271TB	MB	06/06/25 12:11		MOHAN	OK
58	Q2208-36L	BU-703-COMP-09L	SD	06/06/25 12:13		MOHAN	OK

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Instrument ID: CV1

Daily Analysis Runlog For Sequence/QCBatch ID # LB136036

Review By	MOHAN	Review On	6/6/2025 7:12:22 PM
Supervise By	jaswal	Supervise On	6/6/2025 7:13:44 PM

STD. NAME	STD REF.#
ICAL Standard	MP85899,MP8590,MP85901,MP85902,MP85903,MP85904
ICV Standard	MP85905
CCV Standard	MP85907
ICSA Standard	
CRI Standard	MP85909
LCS Standard	
Chk Standard	MP85906,MP85908,MP8591410,MP859

59	Q2208-36A	BU-703-COMP-09A	PS	06/06/25 12:20		MOHAN	OK
60	Q2216-02L	3887L	SD	06/06/25 12:22		MOHAN	OK
61	Q2216-02A	3887A	PS	06/06/25 12:24		MOHAN	OK
62	CCV13	CCV13	CCV	06/06/25 12:33		MOHAN	OK
63	CCB13	CCB13	CCB	06/06/25 12:35		MOHAN	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB136052

Review By	Janvi	Review On	6/9/2025 3:49:01 PM
Supervise By	jaswal	Supervise On	6/10/2025 4:57:27 PM

STD. NAME	STD REF.#
ICAL Standard	MP85867,MP85897,MP85871,MP85870,MP85869,MP85868
ICV Standard	MP85872
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	06/06/25 12:50		Jaswal	OK
2	S1	S1	CAL2	06/06/25 12:54		Jaswal	OK
3	S2	S2	CAL3	06/06/25 12:59		Jaswal	OK
4	S3	S3	CAL4	06/06/25 13:03		Jaswal	OK
5	S4	S4	CAL5	06/06/25 13:07		Jaswal	OK
6	S5	S5	CAL6	06/06/25 13:12		Jaswal	OK
7	ICV01	ICV01	ICV	06/06/25 13:16		Jaswal	OK
8	LLICV01	LLICV01	LLICV	06/06/25 13:29		Jaswal	OK
9	ICB01	ICB01	ICB	06/06/25 13:33		Jaswal	OK
10	CRI01	CRI01	CRDL	06/06/25 13:37		Jaswal	OK
11	ICSA01	ICSA01	ICSA	06/06/25 13:42		Jaswal	OK
12	ICSAB01	ICSAB01	ICSAB	06/06/25 13:46		Jaswal	OK
13	ICSADL	ICSADL	ICSA	06/06/25 13:50		Jaswal	OK
14	ICSABDL	ICSABDL	ICSAB	06/06/25 13:54		Jaswal	OK
15	CCV01	CCV01	CCV	06/06/25 14:05		Jaswal	OK
16	CCB01	CCB01	CCB	06/06/25 14:09		Jaswal	OK
17	PB168279BL	PB168279BL	MB	06/06/25 14:13		Jaswal	OK
18	PB168279BS	PB168279BS	LCS	06/06/25 14:18		Jaswal	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB136052

Review By	Janvi	Review On	6/9/2025 3:49:01 PM
Supervise By	jaswal	Supervise On	6/10/2025 4:57:27 PM

STD. NAME	STD REF.#
ICAL Standard	MP85867,MP85897,MP85871,MP85870,MP85869,MP85868
ICV Standard	MP85872
CCV Standard	MP85875
ICSA Standard	MP85873,MP85874
CRI Standard	MP85897
LCS Standard	
Chk Standard	MP85876,MP85877

19	PB168284BL	PB168284BL	MB	06/06/25 14:22		Jaswal	OK
20	PB168284BS	PB168284BS	LCS	06/06/25 14:26		Jaswal	OK
21	PB168302BL	PB168302BL	MB	06/06/25 14:30		Jaswal	OK
22	PB168302BS	PB168302BS	LCS	06/06/25 14:35		Jaswal	OK
23	PB168307BL	PB168307BL	MB	06/06/25 14:39		Jaswal	OK
24	PB168307BS	PB168307BS	LCS	06/06/25 14:43		Jaswal	OK
25	Q2237-02	TW-WTS-10	SAM	06/06/25 14:47		Jaswal	OK
26	PB168291BL	PB168291BL	MB	06/06/25 14:52		Jaswal	OK
27	CCV02	CCV02	CCV	06/06/25 14:56		Jaswal	OK
28	CCB02	CCB02	CCB	06/06/25 15:00		Jaswal	OK
29	PB168291BS	PB168291BS	LCS	06/06/25 15:06		Jaswal	OK
30	PB168271TB	PB168271TB	MB	06/06/25 15:10		Jaswal	OK
31	Q2192-01	SB-1	SAM	06/06/25 15:15		Jaswal	OK
32	Q2194-02	COMP-12	SAM	06/06/25 15:19		Jaswal	OK
33	Q2194-04	COMP-13	SAM	06/06/25 15:24		Jaswal	OK
34	Q2198-02	B-202-SB02	SAM	06/06/25 15:28		Jaswal	OK
35	Q2198-04	B-207-SB02	SAM	06/06/25 15:33		Jaswal	OK
36	Q2206-04	TP-1	SAM	06/06/25 15:37		Jaswal	OK
37	Q2207-09	BU-703-COMP-01	SAM	06/06/25 15:41		Jaswal	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB136052

Review By	Janvi	Review On	6/9/2025 3:49:01 PM
Supervise By	jaswal	Supervise On	6/10/2025 4:57:27 PM

STD. NAME	STD REF.#
ICAL Standard	MP85867,MP85897,MP85871,MP85870,MP85869,MP85868
ICV Standard	MP85872
CCV Standard	MP85875
ICSA Standard	MP85873,MP85874
CRI Standard	MP85897
LCS Standard	
Chk Standard	MP85876,MP85877

38	Q2207-18	BU-703-COMP-02	SAM	06/06/25 15:46		Jaswal	OK
39	CCV03	CCV03	CCV	06/06/25 15:50		Jaswal	OK
40	CCB03	CCB03	CCB	06/06/25 15:57		Jaswal	OK
41	Q2207-27	BU-703-COMP-03	SAM	06/06/25 16:01		Jaswal	OK
42	Q2207-36	BU-703-COMP-04	SAM	06/06/25 16:10		Jaswal	OK
43	Q2207-45	BU-703-COMP-05	SAM	06/06/25 16:15		Jaswal	OK
44	Q2208-09	BU-703-COMP-06	SAM	06/06/25 16:19		Jaswal	OK
45	Q2208-18	BU-703-COMP-07	SAM	06/06/25 16:24		Jaswal	OK
46	Q2208-27	BU-703-COMP-08	SAM	06/06/25 16:28		Jaswal	OK
47	Q2208-36	BU-703-COMP-09	SAM	06/06/25 16:33	Not Use	Jaswal	Not Ok
48	Q2206-01	TP-1	SAM	06/06/25 16:37		Jaswal	OK
49	Q2207-01	BU-703-COMP-01	SAM	06/06/25 16:41		Jaswal	OK
50	CCV04	CCV04	CCV	06/06/25 16:46		Jaswal	OK
51	CCB04	CCB04	CCB	06/06/25 16:51		Jaswal	OK
52	Q2207-10	BU-703-COMP-02	SAM	06/06/25 16:55		Jaswal	OK
53	Q2207-19	BU-703-COMP-03	SAM	06/06/25 16:59		Jaswal	OK
54	Q2207-28	BU-703-COMP-04	SAM	06/06/25 17:03		Jaswal	OK
55	Q2207-37	BU-703-COMP-05	SAM	06/06/25 17:11		Jaswal	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB136052

Review By	Janvi	Review On	6/9/2025 3:49:01 PM
Supervise By	jaswal	Supervise On	6/10/2025 4:57:27 PM

STD. NAME	STD REF.#
ICAL Standard	MP85867,MP85897,MP85871,MP85870,MP85869,MP85868
ICV Standard	MP85872
CCV Standard	MP85875
ICSA Standard	MP85873,MP85874
CRI Standard	MP85897
LCS Standard	
Chk Standard	MP85876,MP85877

56	Q2208-01	BU-703-COMP-06	SAM	06/06/25 17:15		Jaswal	OK
57	Q2208-10	BU-703-COMP-07	SAM	06/06/25 17:19		Jaswal	OK
58	Q2208-19	BU-703-COMP-08	SAM	06/06/25 17:23		Jaswal	OK
59	Q2208-28	BU-703-COMP-09	SAM	06/06/25 17:28		Jaswal	OK
60	Q2218-01	72-11934	SAM	06/06/25 17:32		Jaswal	OK
61	Q2218-03DL	3309DL	SAM	06/06/25 17:36	Test not on log in page	Jaswal	Not Ok
62	CCV05	CCV05	CCV	06/06/25 17:40		Jaswal	OK
63	CCB05	CCB05	CCB	06/06/25 17:46		Jaswal	OK
64	Q2223-01	HR-01-06042025	SAM	06/06/25 17:51	CCV06 Fail For Many parameters	Jaswal	Not Ok
65	Q2223-03	HR-04-06042025	SAM	06/06/25 17:55	CCV06 Fail For Many parameters	Jaswal	Not Ok
66	Q2225-01	SU-03-06042025	SAM	06/06/25 17:59	CCV06 Fail For Many parameters	Jaswal	Not Ok
67	Q2226-01	TP06-MHI-WC	SAM	06/06/25 18:03	CCV06 Fail For Many parameters	Jaswal	Not Ok
68	Q2227-01	TP07-MHH-WC	SAM	06/06/25 18:07	CCV06 Fail For Many parameters	Jaswal	Not Ok
69	Q2228-01	TP08-MHI-WC	SAM	06/06/25 19:31	CCV06 Fail For Many parameters	Jaswal	Not Ok
70	Q2208-36DUP	BU-703-COMP-09DU	DUP	06/06/25 22:54	CCV06 Fail For Many parameters	Jaswal	Not Ok
71	Q2208-36L	BU-703-COMP-09L	SD	06/07/25 01:22	CCV06 Fail For Many parameters	Jaswal	Not Ok
72	Q2208-36MS	BU-703-COMP-09MS	MS	06/07/25 02:54	CCV06 Fail For Many parameters	Jaswal	Not Ok

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB136052

Review By	Janvi	Review On	6/9/2025 3:49:01 PM
Supervise By	jaswal	Supervise On	6/10/2025 4:57:27 PM

STD. NAME	STD REF.#
ICAL Standard	MP85867,MP85897,MP85871,MP85870,MP85869,MP85868
ICV Standard	MP85872
CCV Standard	MP85875
ICSA Standard	MP85873,MP85874
CRI Standard	MP85897
LCS Standard	
Chk Standard	MP85876,MP85877

73	CCV06	CCV06	CCV	06/07/25 03:03		Jaswal	OK
74	CCB06	CCB06	CCB	06/07/25 03:07		Jaswal	OK
75	Q2208-36MSD	BU-703-COMP-09MS	MSD	06/07/25 03:11	CCV06,07 Fail For Many parameters	Jaswal	Not Ok
76	Q2208-36A	BU-703-COMP-09A	PS	06/07/25 03:15	CCV06,07 Fail For Many parameters	Jaswal	Not Ok
77	Q2226-01DUP	TP06-MHI-WCDUP	DUP	06/07/25 03:20	CCV06,07 Fail For Many parameters	Jaswal	Not Ok
78	Q2226-01L	TP06-MHI-WCL	SD	06/07/25 03:24	CCV06,07 Fail For Many parameters	Jaswal	Not Ok
79	Q2226-01MS	TP06-MHI-WCMS	MS	06/07/25 03:28	CCV06,07 Fail For Many parameters	Jaswal	Not Ok
80	Q2226-01MSD	TP06-MHI-WCMSD	MSD	06/07/25 03:32	CCV06,07 Fail For Many parameters	Jaswal	Not Ok
81	Q2226-01A	TP06-MHI-WCA	PS	06/07/25 03:36	CCV06,07 Fail For Many parameters	Jaswal	Not Ok
82	CCV07	CCV07	CCV	06/07/25 03:40		Jaswal	OK
83	CCB07	CCB07	CCB	06/07/25 03:44		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. Q2198
COC Number 2046410

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: Gannet Fleming
ADDRESS: 1010 Adams Avenue
CITY Audubon STATE: PA ZIP: 19403
ATTENTION: Joe Knapensky
PHONE: 610-310-8342 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: AMTRAK Sawtooth
PROJECT NO.: 950000878 LOCATION: Kearny, NJ
PROJECT MANAGER: Joe Knapensky
e-mail: QAQC@BEMSYS.com
PHONE: 6103108342 FAX:

CLIENT BILLING INFORMATION

BILL TO: Alliance PO#:
ADDRESS: 284 Sheffield
CITY Mountainside STATE: NJ ZIP: 07092
ATTENTION: Samara Basly PHONE: 9887283143

DATA TURNAROUND INFORMATION

FAX (RUSH) _____ DAYS*
HARDCOPY (DATA PACKAGE): 10 DAYS*
EDD: 10 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 BCM EDD

ANALYSIS

1. TCL VOC + TO
2. CVOC - BNA-TO
3. PCB
4. Pesticides
5. TAL Metals
6. Cr (III), Cr (IV)
7. Full TCLP
8. RCRA
9. EPH

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES 1	2	3	4	5	6	7	8	9	COMMENTS
1.	B-202-SB02	S		X	5/31/25	1605	6	X	X	X		X	X	X	X	X	
2.	B-202-GW01	GW		X		2000	8	X	X	X		X	X	X	X	X	
3.	B-207-SB02	S		X	6/1/25	11:00AM	7	X	X	X		X	X	X	X	X	
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

COMMENTS ← Specify Preservatives
A-HCl D-NaOH
B-HN03 E-ICE
C-H2SO4 F-OTHER

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1. Yesenia Pujara	06/02 - 9:57	1. 0452 6-3-25
RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
2.		2.
RELINQUISHED BY SAMPLER:	DATE/TIME: 1902 6-3-25	RECEIVED BY:
3.		3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 3-3 °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 : Q2198 PORT06
Client Name : Portal Partners Tri-Venture
Client Contact : Joseph Krupansky
Invoice Name : Portal Partners Tri-Venture
Invoice Contact : Joseph Krupansky

Order Date : 6/3/2025 2:31:00 PM
Project Name : Amtrak Sawtooth Bridges 2
Receive DateTime : 6/3/2025 ~~12:00:00~~ AM
Purchase Order : 19:02

Project Mgr :
Report Type : NJ Reduced
EDD Type : EXCEL NJCLEANUP
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q2198-01	B-202-SB02	Solid	05/31/2025	16:55	VOC-TCLVOA-10		8260D		10 Bus. Days
Q2198-03	~~B-207-SB01~~ B-207-SB02	Solid	06/01/2025	~~20:00~~ 11:04	VOC-TCLVOA-10		8260D		10 Bus. Days
Q2198-05	B-202-GW01	Water	05/31/2025	~~11:04~~ 20:00	VOC-TCLVOA-10		8260-Low		10 Bus. Days

Relinguished By :
Date / Time : 6/4/25 1040

Samples received on 6/3/25
Samples placed in SM-REF-2

Received By :
Date / Time : 06/04/25 10:40

Storage Area : VOA Refridgerator Room

Reg #4
Reg #6
FR2 - 2