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

DATA PACKAGE

METALS

PROJECT NAME : NWIRP NORTHRUP GRUMMAN SITE – BETHPAGE, NY

ICE SERVICE GROUP, INC.

191 Central Avenue Suite 200C

Newark, NJ - 07103

Phone No: 4129165710

ORDER ID : Q3399

ATTENTION : Dennis D. Morgan, II

Laboratory Certification ID # 20012

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Cover Page

Order ID : Q3399

Project ID : NWIRP Northrup Grumman Site – Bethpage, NY

Client : ICE Service Group, Inc.

Lab Sample Number	Client Sample Number
Q3399-01	COMP-ROLLOFF
Q3399-02	COMP-ROLLOFF
Q3399-03	COMP-ROLLOFF
Q3399-04	COMP-ROLLOFF

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: 12/17/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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CASE NARRATIVE

ICE Service Group, Inc.
Project Name: NWIRP Northrup Grumman Site – Bethpage, NY
Project # N/A
Order ID # Q3399
Test Name: Mercury,Metals ICP-TAL

A. Number of Samples and Date of Receipt:
4 Solid samples were received on 10/20/2025.

B. Parameters:
According to the Chain of Custody document, the following analyses were requested: Mercury,Metals ICP-TAL. This data package contains results for Mercury,Metals ICP-TAL.

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

D. QA/ QC Samples:

The Holding Times were met for all analysis.
The Blank Spike met requirements for all compounds.
The Duplicate (PR-132-S16-015094-20251021DUP) analysis met criteria for all compounds except for Mercury due to sample matrix interference. The Duplicate (TP-6MSD) analysis met criteria for all compounds except for Calcium due to sample matrix interference.
The Matrix Spike (TP-6MS) analysis met criteria for all compounds except for Antimony, Arsenic, Beryllium, Chromium, Copper, Lead, Selenium, Silver, Sodium, Thallium and Vanadium due to unknown interference with the reaction and noticed small black particles with soil which can cause possible failure.
The Matrix Spike Duplicate (TP-6MSD) analysis met criteria for all compounds except for Antimony, Arsenic, Beryllium, Chromium, Lead, Potassium, Selenium, Silver, Sodium and Vanadium due to unknown interference with the reaction and noticed small black particles with soil which can cause possible failure.
The Blank analysis did not indicate the presence of lab contamination.
The Calibration met the requirements.
The Serial Dilution met criteria for all compounds.

E. Additional Comments:
The Post Digest Spike (TP-6A) analysis met criteria for all compounds except for Antimony, Arsenic, Beryllium, Chromium, Copper, Lead, Potassium, Silver, Sodium and Vanadium 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.

In analytical sequence LB137630, The % recovery was outside of acceptance limit for Iron, Potassium, Sodium and Thallium of CCV11 but no any samples associated under this CCV.
In analytical sequence LB137630, The % recovery was outside of acceptance limit for Iron and Sodium of CCV12 but no any samples associated under this CCV.
In analytical sequence LB137630, The Results was outside of acceptance limit for Potassium and Sodium of CCB10, CCB11 and CCB12 but no any samples associated under these CCBs.

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_____

284 Sheffield Street, Mountainside NJ 07092
Tel. 908-789-8900 Fax: 908-789-8922

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

METALS CONFORMANCE/NON-CONFORMANCE SUMMARY

ORDER ID: Q3399 MATRIX: Solid

METHOD: 6010D,7471B

		NA	NO	YES
1.	Calibration Summary met criteria.			✓
2.	ICP Interference Check Sample Results Summary Submitted.			✓
3.	Serial Dilution Summary (if applicable) Submitted.		✓	
	The Serial Dilution met criteria for all compounds.			
4.	Laboratory Control Sample Summary (if applicable) Submitted.			✓
5.	Blank Contamination - If yes, list compounds and concentrations in each blank:		✓	
6.	Matrix Spike/Matrix Spike Duplicate Recoveries Met Criteria		✓	
	If not met, list those compounds and their recoveries which fall outside the acceptable range.			
	The Matrix Spike (TP-6MS) analysis met criteria for all compounds except for Antimony, Arsenic, Beryllium, Chromium, Copper, Lead, Selenium, Silver, Sodium, Thallium and Vanadium due to unknown interference with the reaction and noticed small black particles with soil which can cause possible failure. The Matrix Spike Duplicate (TP-6MSD) analysis met criteria for all compounds except for Antimony, Arsenic, Beryllium, Chromium, Lead, Potassium, Selenium, Silver, Sodium and Vanadium due to unknown interference with the reaction and noticed small black particles with soil which can cause possible failure.			
7.	Sample Duplicate Analysis Met QC Criteria		✓	
	If not met, list those compounds and their recoveries which fall outside the acceptable range.			
	The Duplicate (PR-132-S16-015094-20251021DUP) analysis met criteria for all compounds except for Mercury due to sample matrix interference. The Duplicate (TP-6MSD) analysis met criteria for all compounds except for Calcium due to sample matrix interference.			
8.	Digestion Holding Time Met			✓
	If not met, list number of days exceeded for each sample:			

METALS CONFORMANCE/NON-CONFORMANCE SUMMARY (CONTINUED)

		NA	NO	YES
9.	Analysis Holding Time Met			✓
	If not met, list those compounds and their recoveries which fall outside the acceptable range.			

ADDITIONAL COMMENTS: The Post Digest Spike (TP-6A) analysis met criteria for all compounds except for Antimony, Arsenic, Beryllium, Chromium, Copper, Lead, Potassium, Silver, Sodium and Vanadium 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.

In analytical sequence LB137630, The % recovery was outside of acceptance limit for Iron, Potassium, Sodium and Thallium of CCV11 but no any samples associated under this CCV.
In analytical sequence LB137630, The % recovery was outside of acceptance limit for Iron and Sodium of CCV12 but no any samples associated under this CCV.
In analytical sequence LB137630, The Results was outside of acceptance limit for Potassium and Sodium of CCB10 , CCB11 and CCB12 but no any samples associated under this CCBs.

_____ _____
QA REVIEW Date

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APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q3399

	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:** 12/17/2025

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LAB CHRONICLE

OrderID:	Q3399	**OrderDate:**	10/20/2025 1:23:08 PM
Client:	ICE Service Group, Inc.	**Project:**	NWIRP Northrup Grumman Site – Bethpage, NY
Contact:	Dennis D. Morgan, II	**Location:**	D41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3399-01	**COMP-ROLLOFF**	**SOIL**			**10/20/25**			**10/20/25**
			Mercury	7471B		10/23/25	10/23/25	
			Metals ICP-TAL	6010D		10/21/25	10/21/25	

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Hit Summary Sheet
SW-846

SDG No.: Q3399 **Order ID:** Q3399

Client: ICE Service Group, Inc. **Project ID:** NWIRP Northrup Grumman Site – Bethpag

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID : COMP-ROLLOFF									
Q3399-01	COMP-ROLLOFF	SOIL	Aluminum	1340		0.78	3.69	4.62	mg/Kg
Q3399-01	COMP-ROLLOFF	SOIL	Arsenic	1.65		0.18	0.74	0.92	mg/Kg
Q3399-01	COMP-ROLLOFF	SOIL	Barium	5.05		0.67	1.15	4.62	mg/Kg
Q3399-01	COMP-ROLLOFF	SOIL	Beryllium	0.12	J	0.023	0.069	0.28	mg/Kg
Q3399-01	COMP-ROLLOFF	SOIL	Calcium	294		10.3	23.1	92.3	mg/Kg
Q3399-01	COMP-ROLLOFF	SOIL	Chromium	3.09		0.043	0.12	0.46	mg/Kg
Q3399-01	COMP-ROLLOFF	SOIL	Cobalt	0.82	J	0.092	0.35	1.38	mg/Kg
Q3399-01	COMP-ROLLOFF	SOIL	Copper	3.38		0.20	0.74	0.92	mg/Kg
Q3399-01	COMP-ROLLOFF	SOIL	Iron	3200		3.68	3.69	4.62	mg/Kg
Q3399-01	COMP-ROLLOFF	SOIL	Lead	2.18		0.12	0.44	0.55	mg/Kg
Q3399-01	COMP-ROLLOFF	SOIL	Magnesium	207		11.1	23.1	92.3	mg/Kg
Q3399-01	COMP-ROLLOFF	SOIL	Manganese	70.6		0.13	0.23	0.92	mg/Kg
Q3399-01	COMP-ROLLOFF	SOIL	Nickel	1.55	J	0.12	0.46	1.85	mg/Kg
Q3399-01	COMP-ROLLOFF	SOIL	Potassium	151		25.6	73.8	92.3	mg/Kg
Q3399-01	COMP-ROLLOFF	SOIL	Sodium	597		16.4	73.8	92.3	mg/Kg
Q3399-01	COMP-ROLLOFF	SOIL	Vanadium	3.66		0.23	0.92	1.85	mg/Kg
Q3399-01	COMP-ROLLOFF	SOIL	Zinc	5.45		0.21	0.46	1.85	mg/Kg

SAMPLE DATA

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Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/20/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/20/25
Client Sample ID:	COMP-ROLLOFF	SDG No.:	Q3399
Lab Sample ID:	Q3399-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	89.9

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	1340		1	0.78	3.69	4.62	mg/Kg	10/21/25 14:05	10/21/25 19:01	6010D	SW3010A
7440-36-0	Antimony	0.58	UN	1	0.20	0.58	2.31	mg/Kg	10/21/25 14:05	10/21/25 19:01	6010D	SW3010A
7440-38-2	Arsenic	1.65	N	1	0.18	0.74	0.92	mg/Kg	10/21/25 14:05	10/21/25 19:01	6010D	SW3010A
7440-39-3	Barium	5.05		1	0.67	1.15	4.62	mg/Kg	10/21/25 14:05	10/21/25 19:01	6010D	SW3010A
7440-41-7	Beryllium	0.12	JN	1	0.023	0.069	0.28	mg/Kg	10/21/25 14:05	10/21/25 19:01	6010D	SW3010A
7440-43-9	Cadmium	0.069	U	1	0.022	0.069	0.28	mg/Kg	10/21/25 14:05	10/21/25 19:01	6010D	SW3010A
7440-70-2	Calcium	294	*	1	10.3	23.1	92.3	mg/Kg	10/21/25 14:05	10/21/25 19:01	6010D	SW3010A
7440-47-3	Chromium	3.09	N	1	0.043	0.12	0.46	mg/Kg	10/21/25 14:05	10/21/25 19:01	6010D	SW3010A
7440-48-4	Cobalt	0.82	J	1	0.092	0.35	1.38	mg/Kg	10/21/25 14:05	10/21/25 19:01	6010D	SW3010A
7440-50-8	Copper	3.38	N	1	0.20	0.74	0.92	mg/Kg	10/21/25 14:05	10/21/25 19:01	6010D	SW3010A
7439-89-6	Iron	3200		1	3.68	3.69	4.62	mg/Kg	10/21/25 14:05	10/21/25 19:01	6010D	SW3010A
7439-92-1	Lead	2.18	N	1	0.12	0.44	0.55	mg/Kg	10/21/25 14:05	10/21/25 19:01	6010D	SW3010A
7439-95-4	Magnesium	207		1	11.1	23.1	92.3	mg/Kg	10/21/25 14:05	10/21/25 19:01	6010D	SW3010A
7439-96-5	Manganese	70.6		1	0.13	0.23	0.92	mg/Kg	10/21/25 14:05	10/21/25 19:01	6010D	SW3010A
7439-97-6	Mercury	0.011	U*	1	0.0070	0.011	0.013	mg/Kg	10/23/25 10:22	10/23/25 14:22	7471B	7471B
7440-02-0	Nickel	1.55	J	1	0.12	0.46	1.85	mg/Kg	10/21/25 14:05	10/21/25 19:01	6010D	SW3010A
7440-09-7	Potassium	151	N	1	25.6	73.8	92.3	mg/Kg	10/21/25 14:05	10/21/25 19:01	6010D	SW3010A
7782-49-2	Selenium	0.74	UN	1	0.24	0.74	0.92	mg/Kg	10/21/25 14:05	10/21/25 19:01	6010D	SW3010A
7440-22-4	Silver	0.23	UN	1	0.11	0.23	0.46	mg/Kg	10/21/25 14:05	10/21/25 19:01	6010D	SW3010A
7440-23-5	Sodium	597	N	1	16.4	73.8	92.3	mg/Kg	10/21/25 14:05	10/21/25 19:01	6010D	SW3010A
7440-28-0	Thallium	0.92	UN	1	0.21	0.92	1.85	mg/Kg	10/21/25 14:05	10/21/25 19:01	6010D	SW3010A
7440-62-2	Vanadium	3.66	N	1	0.23	0.92	1.85	mg/Kg	10/21/25 14:05	10/21/25 19:01	6010D	SW3010A
7440-66-6	Zinc	5.45		1	0.21	0.46	1.85	mg/Kg	10/21/25 14:05	10/21/25 19:01	6010D	SW3010A

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: ICE Service Group, Inc.
SDG No.: Q3399
Contract: ICES02
Lab Code: ACE
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
ICV85	Mercury	4.26	4.0	106	90 - 110	CV	10/23/2025	13:51	LB137626

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

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
CCV79	Mercury	4.94	5.0	99	90 - 110	CV	10/23/2025	14:01	LB137626
CCV80	Mercury	4.97	5.0	99	90 - 110	CV	10/23/2025	14:35	LB137626
CCV81	Mercury	4.86	5.0	97	90 - 110	CV	10/23/2025	15:09	LB137626
CCV82	Mercury	5.04	5.0	101	90 - 110	CV	10/23/2025	15:29	LB137626
CCV83	Mercury	4.68	5.0	94	90 - 110	CV	10/23/2025	15:59	LB137626
CCV84	Mercury	4.71	5.0	94	90 - 110	CV	10/23/2025	16:14	LB137626

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

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	7550	8000	94	90 - 110	P	10/21/2025	12:40	LB137613
	Antimony	3880	4000	97	90 - 110	P	10/21/2025	12:40	LB137613
	Arsenic	3800	4000	95	90 - 110	P	10/21/2025	12:40	LB137613
	Barium	7500	8000	94	90 - 110	P	10/21/2025	12:40	LB137613
	Beryllium	194	200	97	90 - 110	P	10/21/2025	12:40	LB137613
	Cadmium	1890	2000	94	90 - 110	P	10/21/2025	12:40	LB137613
	Calcium	18800	20000	94	90 - 110	P	10/21/2025	12:40	LB137613
	Chromium	784	800	98	90 - 110	P	10/21/2025	12:40	LB137613
	Cobalt	1900	2000	95	90 - 110	P	10/21/2025	12:40	LB137613
	Copper	976	1000	98	90 - 110	P	10/21/2025	12:40	LB137613
	Iron	3800	4000	95	90 - 110	P	10/21/2025	12:40	LB137613
	Lead	3700	4000	92	90 - 110	P	10/21/2025	12:40	LB137613
	Magnesium	18800	20000	94	90 - 110	P	10/21/2025	12:40	LB137613
	Manganese	1860	2000	93	90 - 110	P	10/21/2025	12:40	LB137613
	Nickel	1910	2000	95	90 - 110	P	10/21/2025	12:40	LB137613
	Potassium	18900	20000	94	90 - 110	P	10/21/2025	12:40	LB137613
	Selenium	3850	4000	96	90 - 110	P	10/21/2025	12:40	LB137613
	Silver	956	1000	96	90 - 110	P	10/21/2025	12:40	LB137613
	Sodium	18300	20000	92	90 - 110	P	10/21/2025	12:40	LB137613
	Thallium	3840	4000	96	90 - 110	P	10/21/2025	12:40	LB137613
	Vanadium	1880	2000	94	90 - 110	P	10/21/2025	12:40	LB137613
	Zinc	1920	2000	96	90 - 110	P	10/21/2025	12:40	LB137613

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLICV01	Aluminum	110	100	110	80 - 120	P	10/21/2025	12:44	LB137613
	Antimony	52.1	50.0	104	80 - 120	P	10/21/2025	12:44	LB137613
	Arsenic	20.1	20.0	100	80 - 120	P	10/21/2025	12:44	LB137613
	Barium	95.0	100	95	80 - 120	P	10/21/2025	12:44	LB137613
	Beryllium	6.21	6.0	104	80 - 120	P	10/21/2025	12:44	LB137613
	Cadmium	5.68	6.0	95	80 - 120	P	10/21/2025	12:44	LB137613
	Calcium	1990	2000	100	80 - 120	P	10/21/2025	12:44	LB137613
	Chromium	9.98	10.0	100	80 - 120	P	10/21/2025	12:44	LB137613
	Cobalt	28.8	30.0	96	80 - 120	P	10/21/2025	12:44	LB137613
	Copper	21.5	20.0	107	80 - 120	P	10/21/2025	12:44	LB137613
	Iron	109	100	109	80 - 120	P	10/21/2025	12:44	LB137613
	Lead	11.0	12.0	92	80 - 120	P	10/21/2025	12:44	LB137613
	Magnesium	2060	2000	103	80 - 120	P	10/21/2025	12:44	LB137613
	Manganese	19.7	20.0	98	80 - 120	P	10/21/2025	12:44	LB137613
	Nickel	38.9	40.0	97	80 - 120	P	10/21/2025	12:44	LB137613
	Potassium	1980	2000	99	80 - 120	P	10/21/2025	12:44	LB137613
	Selenium	23.1	20.0	115	80 - 120	P	10/21/2025	12:44	LB137613
	Silver	10.3	10.0	103	80 - 120	P	10/21/2025	12:44	LB137613
	Sodium	1790	2000	90	80 - 120	P	10/21/2025	12:44	LB137613
	Thallium	41.7	40.0	104	80 - 120	P	10/21/2025	12:44	LB137613
	Vanadium	34.8	40.0	87	80 - 120	P	10/21/2025	12:44	LB137613
	Zinc	41.7	40.0	104	80 - 120	P	10/21/2025	12:44	LB137613

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

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	9780	10000	98	90 - 110	P	10/21/2025	13:45	LB137613
	Antimony	4830	5000	97	90 - 110	P	10/21/2025	13:45	LB137613
	Arsenic	4820	5000	96	90 - 110	P	10/21/2025	13:45	LB137613
	Barium	9660	10000	97	90 - 110	P	10/21/2025	13:45	LB137613
	Beryllium	242	250	97	90 - 110	P	10/21/2025	13:45	LB137613
	Cadmium	2420	2500	97	90 - 110	P	10/21/2025	13:45	LB137613
	Calcium	24200	25000	97	90 - 110	P	10/21/2025	13:45	LB137613
	Chromium	976	1000	98	90 - 110	P	10/21/2025	13:45	LB137613
	Cobalt	2410	2500	96	90 - 110	P	10/21/2025	13:45	LB137613
	Copper	1220	1250	98	90 - 110	P	10/21/2025	13:45	LB137613
	Iron	4750	5000	95	90 - 110	P	10/21/2025	13:45	LB137613
	Lead	4800	5000	96	90 - 110	P	10/21/2025	13:45	LB137613
	Magnesium	24300	25000	97	90 - 110	P	10/21/2025	13:45	LB137613
	Manganese	2410	2500	96	90 - 110	P	10/21/2025	13:45	LB137613
	Nickel	2410	2500	97	90 - 110	P	10/21/2025	13:45	LB137613
	Potassium	23800	25000	95	90 - 110	P	10/21/2025	13:45	LB137613
	Selenium	4820	5000	96	90 - 110	P	10/21/2025	13:45	LB137613
	Silver	1200	1250	96	90 - 110	P	10/21/2025	13:45	LB137613
	Sodium	23900	25000	96	90 - 110	P	10/21/2025	13:45	LB137613
	Thallium	5230	5000	104	90 - 110	P	10/21/2025	13:45	LB137613
	Vanadium	2430	2500	97	90 - 110	P	10/21/2025	13:45	LB137613
	Zinc	2430	2500	97	90 - 110	P	10/21/2025	13:45	LB137613
CCV02	Aluminum	9530	10000	95	90 - 110	P	10/21/2025	15:03	LB137613
	Antimony	4980	5000	100	90 - 110	P	10/21/2025	15:03	LB137613
	Arsenic	4830	5000	97	90 - 110	P	10/21/2025	15:03	LB137613
	Barium	9800	10000	98	90 - 110	P	10/21/2025	15:03	LB137613
	Beryllium	227	250	91	90 - 110	P	10/21/2025	15:03	LB137613
	Cadmium	2310	2500	92	90 - 110	P	10/21/2025	15:03	LB137613
	Calcium	23700	25000	95	90 - 110	P	10/21/2025	15:03	LB137613
	Chromium	934	1000	93	90 - 110	P	10/21/2025	15:03	LB137613
	Cobalt	2340	2500	94	90 - 110	P	10/21/2025	15:03	LB137613
	Copper	1210	1250	96	90 - 110	P	10/21/2025	15:03	LB137613
	Iron	4910	5000	98	90 - 110	P	10/21/2025	15:03	LB137613
	Lead	4660	5000	93	90 - 110	P	10/21/2025	15:03	LB137613

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

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	23200	25000	93	90 - 110	P	10/21/2025	15:03	LB137613
	Manganese	2380	2500	95	90 - 110	P	10/21/2025	15:03	LB137613
	Nickel	2330	2500	93	90 - 110	P	10/21/2025	15:03	LB137613
	Potassium	24700	25000	99	90 - 110	P	10/21/2025	15:03	LB137613
	Selenium	4920	5000	98	90 - 110	P	10/21/2025	15:03	LB137613
	Silver	1200	1250	96	90 - 110	P	10/21/2025	15:03	LB137613
	Sodium	24800	25000	99	90 - 110	P	10/21/2025	15:03	LB137613
	Thallium	4950	5000	99	90 - 110	P	10/21/2025	15:03	LB137613
	Vanadium	2390	2500	96	90 - 110	P	10/21/2025	15:03	LB137613
	Zinc	2370	2500	95	90 - 110	P	10/21/2025	15:03	LB137613
CCV03	Aluminum	9580	10000	96	90 - 110	P	10/21/2025	15:56	LB137613
	Antimony	4900	5000	98	90 - 110	P	10/21/2025	15:56	LB137613
	Arsenic	4820	5000	96	90 - 110	P	10/21/2025	15:56	LB137613
	Barium	9710	10000	97	90 - 110	P	10/21/2025	15:56	LB137613
	Beryllium	233	250	93	90 - 110	P	10/21/2025	15:56	LB137613
	Cadmium	2330	2500	93	90 - 110	P	10/21/2025	15:56	LB137613
	Calcium	23800	25000	95	90 - 110	P	10/21/2025	15:56	LB137613
	Chromium	941	1000	94	90 - 110	P	10/21/2025	15:56	LB137613
	Cobalt	2360	2500	94	90 - 110	P	10/21/2025	15:56	LB137613
	Copper	1210	1250	96	90 - 110	P	10/21/2025	15:56	LB137613
	Iron	4850	5000	97	90 - 110	P	10/21/2025	15:56	LB137613
	Lead	4680	5000	94	90 - 110	P	10/21/2025	15:56	LB137613
	Magnesium	23400	25000	94	90 - 110	P	10/21/2025	15:56	LB137613
	Manganese	2380	2500	95	90 - 110	P	10/21/2025	15:56	LB137613
	Nickel	2350	2500	94	90 - 110	P	10/21/2025	15:56	LB137613
	Potassium	25200	25000	101	90 - 110	P	10/21/2025	15:56	LB137613
	Selenium	4870	5000	97	90 - 110	P	10/21/2025	15:56	LB137613
	Silver	1200	1250	96	90 - 110	P	10/21/2025	15:56	LB137613
	Sodium	25300	25000	101	90 - 110	P	10/21/2025	15:56	LB137613
	Thallium	5060	5000	101	90 - 110	P	10/21/2025	15:56	LB137613
	Vanadium	2400	2500	96	90 - 110	P	10/21/2025	15:56	LB137613
	Zinc	2390	2500	96	90 - 110	P	10/21/2025	15:56	LB137613
CCV04	Aluminum	9280	10000	93	90 - 110	P	10/21/2025	16:48	LB137613
	Antimony	4870	5000	98	90 - 110	P	10/21/2025	16:48	LB137613

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

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	4750	5000	95	90 - 110	P	10/21/2025	16:48	LB137613
	Barium	9490	10000	95	90 - 110	P	10/21/2025	16:48	LB137613
	Beryllium	232	250	93	90 - 110	P	10/21/2025	16:48	LB137613
	Cadmium	2300	2500	92	90 - 110	P	10/21/2025	16:48	LB137613
	Calcium	23200	25000	93	90 - 110	P	10/21/2025	16:48	LB137613
	Chromium	934	1000	93	90 - 110	P	10/21/2025	16:48	LB137613
	Cobalt	2330	2500	93	90 - 110	P	10/21/2025	16:48	LB137613
	Copper	1190	1250	96	90 - 110	P	10/21/2025	16:48	LB137613
	Iron	4840	5000	97	90 - 110	P	10/21/2025	16:48	LB137613
	Lead	4640	5000	93	90 - 110	P	10/21/2025	16:48	LB137613
	Magnesium	22900	25000	92	90 - 110	P	10/21/2025	16:48	LB137613
	Manganese	2350	2500	94	90 - 110	P	10/21/2025	16:48	LB137613
	Nickel	2330	2500	93	90 - 110	P	10/21/2025	16:48	LB137613
	Potassium	24100	25000	96	90 - 110	P	10/21/2025	16:48	LB137613
	Selenium	4830	5000	97	90 - 110	P	10/21/2025	16:48	LB137613
	Silver	1210	1250	97	90 - 110	P	10/21/2025	16:48	LB137613
	Sodium	24000	25000	96	90 - 110	P	10/21/2025	16:48	LB137613
	Thallium	4900	5000	98	90 - 110	P	10/21/2025	16:48	LB137613
	Vanadium	2330	2500	93	90 - 110	P	10/21/2025	16:48	LB137613
	Zinc	2400	2500	96	90 - 110	P	10/21/2025	16:48	LB137613
CCV05	Aluminum	9540	10000	95	90 - 110	P	10/21/2025	17:37	LB137613
	Antimony	5030	5000	101	90 - 110	P	10/21/2025	17:37	LB137613
	Arsenic	4900	5000	98	90 - 110	P	10/21/2025	17:37	LB137613
	Barium	9470	10000	95	90 - 110	P	10/21/2025	17:37	LB137613
	Beryllium	234	250	94	90 - 110	P	10/21/2025	17:37	LB137613
	Cadmium	2370	2500	95	90 - 110	P	10/21/2025	17:37	LB137613
	Calcium	23800	25000	95	90 - 110	P	10/21/2025	17:37	LB137613
	Chromium	964	1000	96	90 - 110	P	10/21/2025	17:37	LB137613
	Cobalt	2390	2500	96	90 - 110	P	10/21/2025	17:37	LB137613
	Copper	1220	1250	98	90 - 110	P	10/21/2025	17:37	LB137613
	Iron	4840	5000	97	90 - 110	P	10/21/2025	17:37	LB137613
	Lead	4780	5000	96	90 - 110	P	10/21/2025	17:37	LB137613
	Magnesium	23600	25000	94	90 - 110	P	10/21/2025	17:37	LB137613
	Manganese	2360	2500	94	90 - 110	P	10/21/2025	17:37	LB137613

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

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	2390	2500	96	90 - 110	P	10/21/2025	17:37	LB137613
	Potassium	23700	25000	95	90 - 110	P	10/21/2025	17:37	LB137613
	Selenium	5030	5000	100	90 - 110	P	10/21/2025	17:37	LB137613
	Silver	1210	1250	97	90 - 110	P	10/21/2025	17:37	LB137613
	Sodium	23100	25000	92	90 - 110	P	10/21/2025	17:37	LB137613
	Thallium	5030	5000	100	90 - 110	P	10/21/2025	17:37	LB137613
	Vanadium	2390	2500	96	90 - 110	P	10/21/2025	17:37	LB137613
	Zinc	2430	2500	97	90 - 110	P	10/21/2025	17:37	LB137613
CCV06	Aluminum	9220	10000	92	90 - 110	P	10/21/2025	18:27	LB137613
	Antimony	4900	5000	98	90 - 110	P	10/21/2025	18:27	LB137613
	Arsenic	4750	5000	95	90 - 110	P	10/21/2025	18:27	LB137613
	Barium	9370	10000	94	90 - 110	P	10/21/2025	18:27	LB137613
	Beryllium	226	250	90	90 - 110	P	10/21/2025	18:27	LB137613
	Cadmium	2270	2500	91	90 - 110	P	10/21/2025	18:27	LB137613
	Calcium	23000	25000	92	90 - 110	P	10/21/2025	18:27	LB137613
	Chromium	905	1000	90	90 - 110	P	10/21/2025	18:27	LB137613
	Cobalt	2310	2500	92	90 - 110	P	10/21/2025	18:27	LB137613
	Copper	1180	1250	95	90 - 110	P	10/21/2025	18:27	LB137613
	Iron	4730	5000	95	90 - 110	P	10/21/2025	18:27	LB137613
	Lead	4610	5000	92	90 - 110	P	10/21/2025	18:27	LB137613
	Magnesium	22800	25000	91	90 - 110	P	10/21/2025	18:27	LB137613
	Manganese	2330	2500	93	90 - 110	P	10/21/2025	18:27	LB137613
	Nickel	2300	2500	92	90 - 110	P	10/21/2025	18:27	LB137613
	Potassium	24100	25000	96	90 - 110	P	10/21/2025	18:27	LB137613
	Selenium	4870	5000	97	90 - 110	P	10/21/2025	18:27	LB137613
	Silver	1170	1250	94	90 - 110	P	10/21/2025	18:27	LB137613
	Sodium	24400	25000	98	90 - 110	P	10/21/2025	18:27	LB137613
	Thallium	4850	5000	97	90 - 110	P	10/21/2025	18:27	LB137613
	Vanadium	2320	2500	93	90 - 110	P	10/21/2025	18:27	LB137613
	Zinc	2320	2500	93	90 - 110	P	10/21/2025	18:27	LB137613
CCV07	Aluminum	9650	10000	96	90 - 110	P	10/21/2025	19:18	LB137613
	Antimony	4900	5000	98	90 - 110	P	10/21/2025	19:18	LB137613
	Arsenic	4770	5000	95	90 - 110	P	10/21/2025	19:18	LB137613
	Barium	9640	10000	96	90 - 110	P	10/21/2025	19:18	LB137613

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

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	236	250	94	90 - 110	P	10/21/2025	19:18	LB137613
	Cadmium	2320	2500	93	90 - 110	P	10/21/2025	19:18	LB137613
	Calcium	24100	25000	96	90 - 110	P	10/21/2025	19:18	LB137613
	Chromium	945	1000	94	90 - 110	P	10/21/2025	19:18	LB137613
	Cobalt	2350	2500	94	90 - 110	P	10/21/2025	19:18	LB137613
	Copper	1200	1250	96	90 - 110	P	10/21/2025	19:18	LB137613
	Iron	4820	5000	96	90 - 110	P	10/21/2025	19:18	LB137613
	Lead	4680	5000	94	90 - 110	P	10/21/2025	19:18	LB137613
	Magnesium	23800	25000	95	90 - 110	P	10/21/2025	19:18	LB137613
	Manganese	2410	2500	96	90 - 110	P	10/21/2025	19:18	LB137613
	Nickel	2350	2500	94	90 - 110	P	10/21/2025	19:18	LB137613
	Potassium	23500	25000	94	90 - 110	P	10/21/2025	19:18	LB137613
	Selenium	4850	5000	97	90 - 110	P	10/21/2025	19:18	LB137613
	Silver	1190	1250	95	90 - 110	P	10/21/2025	19:18	LB137613
	Sodium	22700	25000	91	90 - 110	P	10/21/2025	19:18	LB137613
	Thallium	4820	5000	96	90 - 110	P	10/21/2025	19:18	LB137613
	Vanadium	2430	2500	97	90 - 110	P	10/21/2025	19:18	LB137613
	Zinc	2370	2500	95	90 - 110	P	10/21/2025	19:18	LB137613
CCV08	Aluminum	9520	10000	95	90 - 110	P	10/21/2025	20:03	LB137613
	Antimony	5000	5000	100	90 - 110	P	10/21/2025	20:03	LB137613
	Arsenic	4850	5000	97	90 - 110	P	10/21/2025	20:03	LB137613
	Barium	9610	10000	96	90 - 110	P	10/21/2025	20:03	LB137613
	Beryllium	234	250	94	90 - 110	P	10/21/2025	20:03	LB137613
	Cadmium	2330	2500	93	90 - 110	P	10/21/2025	20:03	LB137613
	Calcium	23700	25000	95	90 - 110	P	10/21/2025	20:03	LB137613
	Chromium	915	1000	92	90 - 110	P	10/21/2025	20:03	LB137613
	Cobalt	2360	2500	94	90 - 110	P	10/21/2025	20:03	LB137613
	Copper	1210	1250	97	90 - 110	P	10/21/2025	20:03	LB137613
	Iron	4830	5000	97	90 - 110	P	10/21/2025	20:03	LB137613
	Lead	4730	5000	94	90 - 110	P	10/21/2025	20:03	LB137613
	Magnesium	23600	25000	94	90 - 110	P	10/21/2025	20:03	LB137613
	Manganese	2410	2500	96	90 - 110	P	10/21/2025	20:03	LB137613
	Nickel	2350	2500	94	90 - 110	P	10/21/2025	20:03	LB137613
	Potassium	23100	25000	93	90 - 110	P	10/21/2025	20:03	LB137613

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

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	4970	5000	100	90 - 110	P	10/21/2025	20:03	LB137613
	Silver	1190	1250	95	90 - 110	P	10/21/2025	20:03	LB137613
	Sodium	23300	25000	93	90 - 110	P	10/21/2025	20:03	LB137613
	Thallium	5050	5000	101	90 - 110	P	10/21/2025	20:03	LB137613
	Vanadium	2400	2500	96	90 - 110	P	10/21/2025	20:03	LB137613
	Zinc	2340	2500	94	90 - 110	P	10/21/2025	20:03	LB137613

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

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	7590	8000	95	90 - 110	P	10/23/2025	13:05	LB137630
	Antimony	3990	4000	100	90 - 110	P	10/23/2025	13:05	LB137630
	Arsenic	3870	4000	97	90 - 110	P	10/23/2025	13:05	LB137630
	Barium	7690	8000	96	90 - 110	P	10/23/2025	13:05	LB137630
	Beryllium	195	200	98	90 - 110	P	10/23/2025	13:05	LB137630
	Cadmium	2050	2000	103	90 - 110	P	10/23/2025	13:05	LB137630
	Calcium	19200	20000	96	90 - 110	P	10/23/2025	13:05	LB137630
	Chromium	800	800	100	90 - 110	P	10/23/2025	13:05	LB137630
	Cobalt	1940	2000	97	90 - 110	P	10/23/2025	13:05	LB137630
	Copper	995	1000	100	90 - 110	P	10/23/2025	13:05	LB137630
	Iron	3980	4000	100	90 - 110	P	10/23/2025	13:05	LB137630
	Lead	3900	4000	98	90 - 110	P	10/23/2025	13:05	LB137630
	Magnesium	19100	20000	96	90 - 110	P	10/23/2025	13:05	LB137630
	Manganese	1920	2000	96	90 - 110	P	10/23/2025	13:05	LB137630
	Nickel	1940	2000	97	90 - 110	P	10/23/2025	13:05	LB137630
	Potassium	19500	20000	97	90 - 110	P	10/23/2025	13:05	LB137630
	Selenium	3910	4000	98	90 - 110	P	10/23/2025	13:05	LB137630
	Silver	1010	1000	101	90 - 110	P	10/23/2025	13:05	LB137630
	Sodium	18900	20000	94	90 - 110	P	10/23/2025	13:05	LB137630
	Thallium	3800	4000	95	90 - 110	P	10/23/2025	13:05	LB137630
	Vanadium	1920	2000	96	90 - 110	P	10/23/2025	13:05	LB137630
	Zinc	1970	2000	99	90 - 110	P	10/23/2025	13:05	LB137630

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

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	93.2	100	93	80 - 120	P	10/23/2025	13:14	LB137630
	Antimony	51.7	50.0	103	80 - 120	P	10/23/2025	13:14	LB137630
	Arsenic	22.1	20.0	110	80 - 120	P	10/23/2025	13:14	LB137630
	Barium	98.7	100	99	80 - 120	P	10/23/2025	13:14	LB137630
	Beryllium	6.48	6.0	108	80 - 120	P	10/23/2025	13:14	LB137630
	Cadmium	5.95	6.0	99	80 - 120	P	10/23/2025	13:14	LB137630
	Calcium	2070	2000	103	80 - 120	P	10/23/2025	13:14	LB137630
	Chromium	11.0	10.0	110	80 - 120	P	10/23/2025	13:14	LB137630
	Cobalt	29.9	30.0	100	80 - 120	P	10/23/2025	13:14	LB137630
	Copper	22.5	20.0	113	80 - 120	P	10/23/2025	13:14	LB137630
	Iron	108	100	108	80 - 120	P	10/23/2025	13:14	LB137630
	Lead	13.2	12.0	110	80 - 120	P	10/23/2025	13:14	LB137630
	Magnesium	2120	2000	106	80 - 120	P	10/23/2025	13:14	LB137630
	Manganese	22.1	20.0	110	80 - 120	P	10/23/2025	13:14	LB137630
	Nickel	39.8	40.0	100	80 - 120	P	10/23/2025	13:14	LB137630
	Potassium	2040	2000	102	80 - 120	P	10/23/2025	13:14	LB137630
	Selenium	23.6	20.0	118	80 - 120	P	10/23/2025	13:14	LB137630
	Silver	10.7	10.0	106	80 - 120	P	10/23/2025	13:14	LB137630
	Sodium	1890	2000	95	80 - 120	P	10/23/2025	13:14	LB137630
	Thallium	40.5	40.0	101	80 - 120	P	10/23/2025	13:14	LB137630
	Vanadium	36.3	40.0	91	80 - 120	P	10/23/2025	13:14	LB137630
	Zinc	43.5	40.0	109	80 - 120	P	10/23/2025	13:14	LB137630

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Aluminum	10100	10000	101	90 - 110	P	10/23/2025	13:52	LB137630
	Antimony	5270	5000	105	90 - 110	P	10/23/2025	13:52	LB137630
	Arsenic	5250	5000	105	90 - 110	P	10/23/2025	13:52	LB137630
	Barium	9900	10000	99	90 - 110	P	10/23/2025	13:52	LB137630
	Beryllium	260	250	104	90 - 110	P	10/23/2025	13:52	LB137630
	Cadmium	2580	2500	103	90 - 110	P	10/23/2025	13:52	LB137630
	Calcium	25300	25000	101	90 - 110	P	10/23/2025	13:52	LB137630
	Chromium	1060	1000	106	90 - 110	P	10/23/2025	13:52	LB137630
	Cobalt	2570	2500	103	90 - 110	P	10/23/2025	13:52	LB137630
	Copper	1300	1250	104	90 - 110	P	10/23/2025	13:52	LB137630
	Iron	5110	5000	102	90 - 110	P	10/23/2025	13:52	LB137630
	Lead	5160	5000	103	90 - 110	P	10/23/2025	13:52	LB137630
	Magnesium	25300	25000	101	90 - 110	P	10/23/2025	13:52	LB137630
	Manganese	2480	2500	99	90 - 110	P	10/23/2025	13:52	LB137630
	Nickel	2580	2500	103	90 - 110	P	10/23/2025	13:52	LB137630
	Potassium	25200	25000	101	90 - 110	P	10/23/2025	13:52	LB137630
	Selenium	5330	5000	107	90 - 110	P	10/23/2025	13:52	LB137630
	Silver	1300	1250	104	90 - 110	P	10/23/2025	13:52	LB137630
	Sodium	24300	25000	97	90 - 110	P	10/23/2025	13:52	LB137630
	Thallium	5300	5000	106	90 - 110	P	10/23/2025	13:52	LB137630
	Vanadium	2530	2500	101	90 - 110	P	10/23/2025	13:52	LB137630
	Zinc	2620	2500	105	90 - 110	P	10/23/2025	13:52	LB137630
CCV02	Aluminum	10400	10000	104	90 - 110	P	10/23/2025	15:04	LB137630
	Antimony	5160	5000	103	90 - 110	P	10/23/2025	15:04	LB137630
	Arsenic	5240	5000	105	90 - 110	P	10/23/2025	15:04	LB137630
	Barium	10600	10000	106	90 - 110	P	10/23/2025	15:04	LB137630
	Beryllium	274	250	110	90 - 110	P	10/23/2025	15:04	LB137630
	Cadmium	2630	2500	105	90 - 110	P	10/23/2025	15:04	LB137630
	Calcium	26200	25000	105	90 - 110	P	10/23/2025	15:04	LB137630
	Chromium	1050	1000	105	90 - 110	P	10/23/2025	15:04	LB137630
	Cobalt	2600	2500	104	90 - 110	P	10/23/2025	15:04	LB137630
	Copper	1310	1250	105	90 - 110	P	10/23/2025	15:04	LB137630
	Iron	5060	5000	101	90 - 110	P	10/23/2025	15:04	LB137630
	Lead	5230	5000	105	90 - 110	P	10/23/2025	15:04	LB137630

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

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	26100	25000	104	90 - 110	P	10/23/2025	15:04	LB137630
	Manganese	2650	2500	106	90 - 110	P	10/23/2025	15:04	LB137630
	Nickel	2610	2500	104	90 - 110	P	10/23/2025	15:04	LB137630
	Potassium	25500	25000	102	90 - 110	P	10/23/2025	15:04	LB137630
	Selenium	5210	5000	104	90 - 110	P	10/23/2025	15:04	LB137630
	Silver	1300	1250	104	90 - 110	P	10/23/2025	15:04	LB137630
	Sodium	25400	25000	102	90 - 110	P	10/23/2025	15:04	LB137630
	Thallium	5320	5000	106	90 - 110	P	10/23/2025	15:04	LB137630
	Vanadium	2600	2500	104	90 - 110	P	10/23/2025	15:04	LB137630
	Zinc	2610	2500	104	90 - 110	P	10/23/2025	15:04	LB137630
CCV03	Aluminum	9770	10000	98	90 - 110	P	10/23/2025	15:56	LB137630
	Antimony	4840	5000	97	90 - 110	P	10/23/2025	15:56	LB137630
	Arsenic	4960	5000	99	90 - 110	P	10/23/2025	15:56	LB137630
	Barium	9590	10000	96	90 - 110	P	10/23/2025	15:56	LB137630
	Beryllium	265	250	106	90 - 110	P	10/23/2025	15:56	LB137630
	Cadmium	2520	2500	101	90 - 110	P	10/23/2025	15:56	LB137630
	Calcium	24500	25000	98	90 - 110	P	10/23/2025	15:56	LB137630
	Chromium	1030	1000	103	90 - 110	P	10/23/2025	15:56	LB137630
	Cobalt	2470	2500	99	90 - 110	P	10/23/2025	15:56	LB137630
	Copper	1240	1250	99	90 - 110	P	10/23/2025	15:56	LB137630
	Iron	4680	5000	94	90 - 110	P	10/23/2025	15:56	LB137630
	Lead	5020	5000	100	90 - 110	P	10/23/2025	15:56	LB137630
	Magnesium	24800	25000	99	90 - 110	P	10/23/2025	15:56	LB137630
	Manganese	2420	2500	97	90 - 110	P	10/23/2025	15:56	LB137630
	Nickel	2490	2500	100	90 - 110	P	10/23/2025	15:56	LB137630
	Potassium	24800	25000	99	90 - 110	P	10/23/2025	15:56	LB137630
	Selenium	4960	5000	99	90 - 110	P	10/23/2025	15:56	LB137630
	Silver	1230	1250	99	90 - 110	P	10/23/2025	15:56	LB137630
	Sodium	25100	25000	100	90 - 110	P	10/23/2025	15:56	LB137630
	Thallium	4720	5000	94	90 - 110	P	10/23/2025	15:56	LB137630
	Vanadium	2430	2500	97	90 - 110	P	10/23/2025	15:56	LB137630
	Zinc	2480	2500	99	90 - 110	P	10/23/2025	15:56	LB137630
CCV04	Aluminum	9680	10000	97	90 - 110	P	10/23/2025	16:43	LB137630
	Antimony	4830	5000	97	90 - 110	P	10/23/2025	16:43	LB137630

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

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	4960	5000	99	90 - 110	P	10/23/2025	16:43	LB137630
	Barium	9850	10000	98	90 - 110	P	10/23/2025	16:43	LB137630
	Beryllium	266	250	106	90 - 110	P	10/23/2025	16:43	LB137630
	Cadmium	2520	2500	101	90 - 110	P	10/23/2025	16:43	LB137630
	Calcium	24600	25000	98	90 - 110	P	10/23/2025	16:43	LB137630
	Chromium	1000	1000	100	90 - 110	P	10/23/2025	16:43	LB137630
	Cobalt	2480	2500	99	90 - 110	P	10/23/2025	16:43	LB137630
	Copper	1240	1250	99	90 - 110	P	10/23/2025	16:43	LB137630
	Iron	4670	5000	93	90 - 110	P	10/23/2025	16:43	LB137630
	Lead	5020	5000	100	90 - 110	P	10/23/2025	16:43	LB137630
	Magnesium	24600	25000	98	90 - 110	P	10/23/2025	16:43	LB137630
	Manganese	2470	2500	99	90 - 110	P	10/23/2025	16:43	LB137630
	Nickel	2490	2500	100	90 - 110	P	10/23/2025	16:43	LB137630
	Potassium	23500	25000	94	90 - 110	P	10/23/2025	16:43	LB137630
	Selenium	4920	5000	98	90 - 110	P	10/23/2025	16:43	LB137630
	Silver	1220	1250	98	90 - 110	P	10/23/2025	16:43	LB137630
	Sodium	22800	25000	91	90 - 110	P	10/23/2025	16:43	LB137630
	Thallium	4760	5000	95	90 - 110	P	10/23/2025	16:43	LB137630
	Vanadium	2430	2500	97	90 - 110	P	10/23/2025	16:43	LB137630
	Zinc	2450	2500	98	90 - 110	P	10/23/2025	16:43	LB137630
CCV05	Aluminum	10200	10000	102	90 - 110	P	10/23/2025	17:21	LB137630
	Antimony	5070	5000	101	90 - 110	P	10/23/2025	17:21	LB137630
	Arsenic	5210	5000	104	90 - 110	P	10/23/2025	17:21	LB137630
	Barium	10300	10000	103	90 - 110	P	10/23/2025	17:21	LB137630
	Beryllium	247	250	99	90 - 110	P	10/23/2025	17:21	LB137630
	Cadmium	2640	2500	105	90 - 110	P	10/23/2025	17:21	LB137630
	Calcium	25800	25000	103	90 - 110	P	10/23/2025	17:21	LB137630
	Chromium	967	1000	97	90 - 110	P	10/23/2025	17:21	LB137630
	Cobalt	2590	2500	104	90 - 110	P	10/23/2025	17:21	LB137630
	Copper	1300	1250	104	90 - 110	P	10/23/2025	17:21	LB137630
	Iron	4920	5000	98	90 - 110	P	10/23/2025	17:21	LB137630
	Lead	5250	5000	105	90 - 110	P	10/23/2025	17:21	LB137630
	Magnesium	25900	25000	104	90 - 110	P	10/23/2025	17:21	LB137630
	Manganese	2580	2500	103	90 - 110	P	10/23/2025	17:21	LB137630

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

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	2610	2500	104	90 - 110	P	10/23/2025	17:21	LB137630
	Potassium	25500	25000	102	90 - 110	P	10/23/2025	17:21	LB137630
	Selenium	5180	5000	104	90 - 110	P	10/23/2025	17:21	LB137630
	Silver	1290	1250	103	90 - 110	P	10/23/2025	17:21	LB137630
	Sodium	25100	25000	101	90 - 110	P	10/23/2025	17:21	LB137630
	Thallium	4740	5000	95	90 - 110	P	10/23/2025	17:21	LB137630
	Vanadium	2560	2500	102	90 - 110	P	10/23/2025	17:21	LB137630
	Zinc	2600	2500	104	90 - 110	P	10/23/2025	17:21	LB137630
CCV06	Aluminum	10200	10000	102	90 - 110	P	10/23/2025	18:11	LB137630
	Antimony	5070	5000	101	90 - 110	P	10/23/2025	18:11	LB137630
	Arsenic	5210	5000	104	90 - 110	P	10/23/2025	18:11	LB137630
	Barium	10000	10000	100	90 - 110	P	10/23/2025	18:11	LB137630
	Beryllium	253	250	101	90 - 110	P	10/23/2025	18:11	LB137630
	Cadmium	2670	2500	107	90 - 110	P	10/23/2025	18:11	LB137630
	Calcium	25700	25000	103	90 - 110	P	10/23/2025	18:11	LB137630
	Chromium	987	1000	99	90 - 110	P	10/23/2025	18:11	LB137630
	Cobalt	2610	2500	104	90 - 110	P	10/23/2025	18:11	LB137630
	Copper	1310	1250	105	90 - 110	P	10/23/2025	18:11	LB137630
	Iron	4840	5000	97	90 - 110	P	10/23/2025	18:11	LB137630
	Lead	5320	5000	106	90 - 110	P	10/23/2025	18:11	LB137630
	Magnesium	26100	25000	104	90 - 110	P	10/23/2025	18:11	LB137630
	Manganese	2530	2500	101	90 - 110	P	10/23/2025	18:11	LB137630
	Nickel	2630	2500	105	90 - 110	P	10/23/2025	18:11	LB137630
	Potassium	25300	25000	101	90 - 110	P	10/23/2025	18:11	LB137630
	Selenium	5190	5000	104	90 - 110	P	10/23/2025	18:11	LB137630
	Silver	1320	1250	105	90 - 110	P	10/23/2025	18:11	LB137630
	Sodium	23800	25000	95	90 - 110	P	10/23/2025	18:11	LB137630
	Thallium	4660	5000	93	90 - 110	P	10/23/2025	18:11	LB137630
	Vanadium	2560	2500	102	90 - 110	P	10/23/2025	18:11	LB137630
	Zinc	2630	2500	105	90 - 110	P	10/23/2025	18:11	LB137630
CCV07	Aluminum	9840	10000	98	90 - 110	P	10/23/2025	18:59	LB137630
	Antimony	4900	5000	98	90 - 110	P	10/23/2025	18:59	LB137630
	Arsenic	5030	5000	101	90 - 110	P	10/23/2025	18:59	LB137630
	Barium	9590	10000	96	90 - 110	P	10/23/2025	18:59	LB137630

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

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	244	250	98	90 - 110	P	10/23/2025	18:59	LB137630
	Cadmium	2530	2500	101	90 - 110	P	10/23/2025	18:59	LB137630
	Calcium	24600	25000	98	90 - 110	P	10/23/2025	18:59	LB137630
	Chromium	952	1000	95	90 - 110	P	10/23/2025	18:59	LB137630
	Cobalt	2470	2500	99	90 - 110	P	10/23/2025	18:59	LB137630
	Copper	1250	1250	100	90 - 110	P	10/23/2025	18:59	LB137630
	Iron	4710	5000	94	90 - 110	P	10/23/2025	18:59	LB137630
	Lead	5060	5000	101	90 - 110	P	10/23/2025	18:59	LB137630
	Magnesium	25100	25000	100	90 - 110	P	10/23/2025	18:59	LB137630
	Manganese	2430	2500	97	90 - 110	P	10/23/2025	18:59	LB137630
	Nickel	2490	2500	100	90 - 110	P	10/23/2025	18:59	LB137630
	Potassium	23800	25000	95	90 - 110	P	10/23/2025	18:59	LB137630
	Selenium	5090	5000	102	90 - 110	P	10/23/2025	18:59	LB137630
	Silver	1280	1250	102	90 - 110	P	10/23/2025	18:59	LB137630
	Sodium	22700	25000	91	90 - 110	P	10/23/2025	18:59	LB137630
	Thallium	4530	5000	90	90 - 110	P	10/23/2025	18:59	LB137630
	Vanadium	2460	2500	98	90 - 110	P	10/23/2025	18:59	LB137630
	Zinc	2550	2500	102	90 - 110	P	10/23/2025	18:59	LB137630
CCV08	Aluminum	10300	10000	103	90 - 110	P	10/23/2025	19:48	LB137630
	Antimony	5040	5000	101	90 - 110	P	10/23/2025	19:48	LB137630
	Arsenic	5200	5000	104	90 - 110	P	10/23/2025	19:48	LB137630
	Barium	9920	10000	99	90 - 110	P	10/23/2025	19:48	LB137630
	Beryllium	254	250	102	90 - 110	P	10/23/2025	19:48	LB137630
	Cadmium	2670	2500	107	90 - 110	P	10/23/2025	19:48	LB137630
	Calcium	25600	25000	102	90 - 110	P	10/23/2025	19:48	LB137630
	Chromium	999	1000	100	90 - 110	P	10/23/2025	19:48	LB137630
	Cobalt	2600	2500	104	90 - 110	P	10/23/2025	19:48	LB137630
	Copper	1300	1250	104	90 - 110	P	10/23/2025	19:48	LB137630
	Iron	4770	5000	96	90 - 110	P	10/23/2025	19:48	LB137630
	Lead	5320	5000	106	90 - 110	P	10/23/2025	19:48	LB137630
	Magnesium	26100	25000	104	90 - 110	P	10/23/2025	19:48	LB137630
	Manganese	2520	2500	101	90 - 110	P	10/23/2025	19:48	LB137630
	Nickel	2620	2500	105	90 - 110	P	10/23/2025	19:48	LB137630
	Potassium	24000	25000	96	90 - 110	P	10/23/2025	19:48	LB137630

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

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	5190	5000	104	90 - 110	P	10/23/2025	19:48	LB137630
	Silver	1300	1250	104	90 - 110	P	10/23/2025	19:48	LB137630
	Sodium	23100	25000	92	90 - 110	P	10/23/2025	19:48	LB137630
	Thallium	4630	5000	93	90 - 110	P	10/23/2025	19:48	LB137630
	Vanadium	2560	2500	102	90 - 110	P	10/23/2025	19:48	LB137630
	Zinc	2610	2500	104	90 - 110	P	10/23/2025	19:48	LB137630
CCV09	Aluminum	10300	10000	103	90 - 110	P	10/23/2025	20:39	LB137630
	Antimony	5140	5000	103	90 - 110	P	10/23/2025	20:39	LB137630
	Arsenic	5320	5000	106	90 - 110	P	10/23/2025	20:39	LB137630
	Barium	9990	10000	100	90 - 110	P	10/23/2025	20:39	LB137630
	Beryllium	260	250	104	90 - 110	P	10/23/2025	20:39	LB137630
	Cadmium	2690	2500	108	90 - 110	P	10/23/2025	20:39	LB137630
	Calcium	25700	25000	103	90 - 110	P	10/23/2025	20:39	LB137630
	Chromium	1000	1000	100	90 - 110	P	10/23/2025	20:39	LB137630
	Cobalt	2630	2500	105	90 - 110	P	10/23/2025	20:39	LB137630
	Copper	1320	1250	105	90 - 110	P	10/23/2025	20:39	LB137630
	Iron	4850	5000	97	90 - 110	P	10/23/2025	20:39	LB137630
	Lead	5380	5000	108	90 - 110	P	10/23/2025	20:39	LB137630
	Magnesium	26300	25000	105	90 - 110	P	10/23/2025	20:39	LB137630
	Manganese	2540	2500	102	90 - 110	P	10/23/2025	20:39	LB137630
	Nickel	2650	2500	106	90 - 110	P	10/23/2025	20:39	LB137630
	Potassium	25600	25000	103	90 - 110	P	10/23/2025	20:39	LB137630
	Selenium	5360	5000	107	90 - 110	P	10/23/2025	20:39	LB137630
	Silver	1320	1250	106	90 - 110	P	10/23/2025	20:39	LB137630
	Sodium	25700	25000	103	90 - 110	P	10/23/2025	20:39	LB137630
	Thallium	4940	5000	99	90 - 110	P	10/23/2025	20:39	LB137630
	Vanadium	2570	2500	103	90 - 110	P	10/23/2025	20:39	LB137630
	Zinc	2650	2500	106	90 - 110	P	10/23/2025	20:39	LB137630
CCV10	Aluminum	9720	10000	97	90 - 110	P	10/23/2025	21:30	LB137630
	Antimony	4820	5000	96	90 - 110	P	10/23/2025	21:30	LB137630
	Arsenic	5010	5000	100	90 - 110	P	10/23/2025	21:30	LB137630
	Barium	9490	10000	95	90 - 110	P	10/23/2025	21:30	LB137630
	Beryllium	254	250	102	90 - 110	P	10/23/2025	21:30	LB137630
	Cadmium	2570	2500	103	90 - 110	P	10/23/2025	21:30	LB137630

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV10	Calcium	24700	25000	99	90 - 110	P	10/23/2025	21:30	LB137630
	Chromium	962	1000	96	90 - 110	P	10/23/2025	21:30	LB137630
	Cobalt	2490	2500	100	90 - 110	P	10/23/2025	21:30	LB137630
	Copper	1250	1250	100	90 - 110	P	10/23/2025	21:30	LB137630
	Iron	4660	5000	93	90 - 110	P	10/23/2025	21:30	LB137630
	Lead	5110	5000	102	90 - 110	P	10/23/2025	21:30	LB137630
	Magnesium	25400	25000	102	90 - 110	P	10/23/2025	21:30	LB137630
	Manganese	2430	2500	97	90 - 110	P	10/23/2025	21:30	LB137630
	Nickel	2510	2500	100	90 - 110	P	10/23/2025	21:30	LB137630
	Potassium	24400	25000	98	90 - 110	P	10/23/2025	21:30	LB137630
	Selenium	5040	5000	101	90 - 110	P	10/23/2025	21:30	LB137630
	Silver	1280	1250	102	90 - 110	P	10/23/2025	21:30	LB137630
	Sodium	23700	25000	95	90 - 110	P	10/23/2025	21:30	LB137630
	Thallium	4830	5000	96	90 - 110	P	10/23/2025	21:30	LB137630
	Vanadium	2460	2500	99	90 - 110	P	10/23/2025	21:30	LB137630
	Zinc	2530	2500	101	90 - 110	P	10/23/2025	21:30	LB137630
CCV11	Aluminum	9500	10000	95	90 - 110	P	10/23/2025	22:20	LB137630
	Antimony	4720	5000	94	90 - 110	P	10/23/2025	22:20	LB137630
	Arsenic	4980	5000	100	90 - 110	P	10/23/2025	22:20	LB137630
	Barium	9350	10000	94	90 - 110	P	10/23/2025	22:20	LB137630
	Beryllium	268	250	107	90 - 110	P	10/23/2025	22:20	LB137630
	Cadmium	2590	2500	104	90 - 110	P	10/23/2025	22:20	LB137630
	Calcium	24300	25000	97	90 - 110	P	10/23/2025	22:20	LB137630
	Chromium	951	1000	95	90 - 110	P	10/23/2025	22:20	LB137630
	Cobalt	2490	2500	100	90 - 110	P	10/23/2025	22:20	LB137630
	Copper	1250	1250	100	90 - 110	P	10/23/2025	22:20	LB137630
	Iron	4390	5000	88	90 - 110	P	10/23/2025	22:20	LB137630
	Lead	5160	5000	103	90 - 110	P	10/23/2025	22:20	LB137630
	Magnesium	25100	25000	100	90 - 110	P	10/23/2025	22:20	LB137630
	Manganese	2420	2500	97	90 - 110	P	10/23/2025	22:20	LB137630
	Nickel	2530	2500	101	90 - 110	P	10/23/2025	22:20	LB137630
	Potassium	28300	25000	113	90 - 110	P	10/23/2025	22:20	LB137630
	Selenium	4940	5000	99	90 - 110	P	10/23/2025	22:20	LB137630
	Silver	1230	1250	99	90 - 110	P	10/23/2025	22:20	LB137630

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV11	Sodium	32800	25000	131	90 - 110	P	10/23/2025	22:20	LB137630
	Thallium	4440	5000	89	90 - 110	P	10/23/2025	22:20	LB137630
	Vanadium	2410	2500	96	90 - 110	P	10/23/2025	22:20	LB137630
	Zinc	2450	2500	98	90 - 110	P	10/23/2025	22:20	LB137630
CCV12	Aluminum	9290	10000	93	90 - 110	P	10/23/2025	22:33	LB137630
	Antimony	4660	5000	93	90 - 110	P	10/23/2025	22:33	LB137630
	Arsenic	4920	5000	98	90 - 110	P	10/23/2025	22:33	LB137630
	Barium	9070	10000	91	90 - 110	P	10/23/2025	22:33	LB137630
	Beryllium	258	250	103	90 - 110	P	10/23/2025	22:33	LB137630
	Cadmium	2540	2500	102	90 - 110	P	10/23/2025	22:33	LB137630
	Calcium	23700	25000	95	90 - 110	P	10/23/2025	22:33	LB137630
	Chromium	932	1000	93	90 - 110	P	10/23/2025	22:33	LB137630
	Cobalt	2440	2500	98	90 - 110	P	10/23/2025	22:33	LB137630
	Copper	1230	1250	98	90 - 110	P	10/23/2025	22:33	LB137630
	Iron	4220	5000	84	90 - 110	P	10/23/2025	22:33	LB137630
	Lead	5070	5000	101	90 - 110	P	10/23/2025	22:33	LB137630
	Magnesium	24500	25000	98	90 - 110	P	10/23/2025	22:33	LB137630
	Manganese	2350	2500	94	90 - 110	P	10/23/2025	22:33	LB137630
	Nickel	2470	2500	99	90 - 110	P	10/23/2025	22:33	LB137630
	Potassium	27000	25000	108	90 - 110	P	10/23/2025	22:33	LB137630
	Selenium	4930	5000	99	90 - 110	P	10/23/2025	22:33	LB137630
	Silver	1220	1250	98	90 - 110	P	10/23/2025	22:33	LB137630
	Sodium	30000	25000	120	90 - 110	P	10/23/2025	22:33	LB137630
	Thallium	4550	5000	91	90 - 110	P	10/23/2025	22:33	LB137630
	Vanadium	2360	2500	94	90 - 110	P	10/23/2025	22:33	LB137630
	Zinc	2410	2500	96	90 - 110	P	10/23/2025	22:33	LB137630

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Metals

- 2b -
CRDL STANDARD FOR AA & ICP

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

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	Aluminum	110	100	110	65 - 135	P	10/21/2025	12:54	LB137613
	Antimony	49.9	50.0	100	65 - 135	P	10/21/2025	12:54	LB137613
	Arsenic	22.2	20.0	111	65 - 135	P	10/21/2025	12:54	LB137613
	Barium	98.1	100	98	65 - 135	P	10/21/2025	12:54	LB137613
	Beryllium	6.23	6.0	104	65 - 135	P	10/21/2025	12:54	LB137613
	Cadmium	5.59	6.0	93	65 - 135	P	10/21/2025	12:54	LB137613
	Calcium	2030	2000	101	65 - 135	P	10/21/2025	12:54	LB137613
	Chromium	9.94	10.0	99	65 - 135	P	10/21/2025	12:54	LB137613
	Cobalt	28.8	30.0	96	65 - 135	P	10/21/2025	12:54	LB137613
	Copper	21.6	20.0	108	65 - 135	P	10/21/2025	12:54	LB137613
	Iron	107	100	107	65 - 135	P	10/21/2025	12:54	LB137613
	Lead	11.9	12.0	99	65 - 135	P	10/21/2025	12:54	LB137613
	Magnesium	2090	2000	105	65 - 135	P	10/21/2025	12:54	LB137613
	Manganese	20.9	20.0	104	65 - 135	P	10/21/2025	12:54	LB137613
	Nickel	38.6	40.0	96	65 - 135	P	10/21/2025	12:54	LB137613
	Potassium	1860	2000	93	65 - 135	P	10/21/2025	12:54	LB137613
	Selenium	24.3	20.0	121	65 - 135	P	10/21/2025	12:54	LB137613
	Silver	9.95	10.0	100	65 - 135	P	10/21/2025	12:54	LB137613
	Sodium	1870	2000	93	65 - 135	P	10/21/2025	12:54	LB137613
	Thallium	42.8	40.0	107	65 - 135	P	10/21/2025	12:54	LB137613
	Vanadium	35.6	40.0	89	65 - 135	P	10/21/2025	12:54	LB137613
	Zinc	41.9	40.0	105	65 - 135	P	10/21/2025	12:54	LB137613
CRI01	Aluminum	93.3	100	93	65 - 135	P	10/23/2025	13:24	LB137630
	Antimony	49.0	50.0	98	65 - 135	P	10/23/2025	13:24	LB137630
	Arsenic	22.0	20.0	110	65 - 135	P	10/23/2025	13:24	LB137630
	Barium	92.8	100	93	65 - 135	P	10/23/2025	13:24	LB137630
	Beryllium	6.41	6.0	107	65 - 135	P	10/23/2025	13:24	LB137630
	Cadmium	5.69	6.0	95	65 - 135	P	10/23/2025	13:24	LB137630
	Calcium	2050	2000	103	65 - 135	P	10/23/2025	13:24	LB137630
	Chromium	10.2	10.0	102	65 - 135	P	10/23/2025	13:24	LB137630
	Cobalt	28.9	30.0	96	65 - 135	P	10/23/2025	13:24	LB137630
	Copper	21.1	20.0	106	65 - 135	P	10/23/2025	13:24	LB137630
	Iron	109	100	108	65 - 135	P	10/23/2025	13:24	LB137630
	Lead	10.8	12.0	90	65 - 135	P	10/23/2025	13:24	LB137630
	Magnesium	2100	2000	105	65 - 135	P	10/23/2025	13:24	LB137630
	Manganese	20.7	20.0	104	65 - 135	P	10/23/2025	13:24	LB137630

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Metals

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CRDL STANDARD FOR AA & ICP

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

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	Nickel	38.9	40.0	97	65 - 135	P	10/23/2025	13:24	LB137630
	Potassium	1910	2000	95	65 - 135	P	10/23/2025	13:24	LB137630
	Selenium	19.5	20.0	98	65 - 135	P	10/23/2025	13:24	LB137630
	Silver	10.2	10.0	102	65 - 135	P	10/23/2025	13:24	LB137630
	Sodium	1820	2000	91	65 - 135	P	10/23/2025	13:24	LB137630
	Thallium	42.0	40.0	105	65 - 135	P	10/23/2025	13:24	LB137630
	Vanadium	37.3	40.0	93	65 - 135	P	10/23/2025	13:24	LB137630
	Zinc	42.6	40.0	106	65 - 135	P	10/23/2025	13:24	LB137630
CRA	Mercury	0.20	0.2	100	70 - 130	CV	10/23/2025	14:07	LB137626

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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB85	Mercury	0.10	+/-0.2	J	0.16	0.20	CV	10/23/2025	13:57	LB137626

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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB79	Mercury	0.076	+/-0.2	U	0.16	0.20	CV	10/23/2025	14:05	LB137626
CCB80	Mercury	0.076	+/-0.2	U	0.16	0.20	CV	10/23/2025	14:38	LB137626
CCB81	Mercury	0.076	+/-0.2	U	0.16	0.20	CV	10/23/2025	15:11	LB137626
CCB82	Mercury	0.076	+/-0.2	U	0.16	0.20	CV	10/23/2025	15:32	LB137626
CCB83	Mercury	0.076	+/-0.2	U	0.16	0.20	CV	10/23/2025	16:02	LB137626
CCB84	Mercury	0.076	+/-0.2	U	0.16	0.20	CV	10/23/2025	16:16	LB137626

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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Aluminum	11.3	+/-50	U	80.0	100	P	10/21/2025	12:50	LB137613
	Antimony	6.76	+/-25	U	12.5	50.0	P	10/21/2025	12:50	LB137613
	Arsenic	5.12	+/-10	U	15.0	20.0	P	10/21/2025	12:50	LB137613
	Barium	14.6	+/-50	U	25.0	100	P	10/21/2025	12:50	LB137613
	Beryllium	0.56	+/-3	U	1.50	6.00	P	10/21/2025	12:50	LB137613
	Cadmium	0.50	+/-3	U	1.50	6.00	P	10/21/2025	12:50	LB137613
	Calcium	234	+/-1000	U	500	2000	P	10/21/2025	12:50	LB137613
	Chromium	2.12	+/-5	U	5.00	10.0	P	10/21/2025	12:50	LB137613
	Cobalt	2.26	+/-15	U	7.50	30.0	P	10/21/2025	12:50	LB137613
	Copper	4.60	+/-10	U	16.0	20.0	P	10/21/2025	12:50	LB137613
	Iron	23.4	+/-50	U	80.0	100	P	10/21/2025	12:50	LB137613
	Lead	2.30	+/-6	U	9.60	12.0	P	10/21/2025	12:50	LB137613
	Magnesium	244	+/-1000	U	500	2000	P	10/21/2025	12:50	LB137613
	Manganese	5.94	+/-10	U	15.0	20.0	P	10/21/2025	12:50	LB137613
	Nickel	3.06	+/-20	U	10.0	40.0	P	10/21/2025	12:50	LB137613
	Potassium	918	+/-1000	U	1600	2000	P	10/21/2025	12:50	LB137613
	Selenium	9.64	+/-10	U	16.0	20.0	P	10/21/2025	12:50	LB137613
	Silver	1.62	+/-5	U	5.00	10.0	P	10/21/2025	12:50	LB137613
	Sodium	868	+/-1000	U	1000	2000	P	10/21/2025	12:50	LB137613
	Thallium	4.38	+/-20	U	20.0	40.0	P	10/21/2025	12:50	LB137613
	Vanadium	6.26	+/-20	U	20.0	40.0	P	10/21/2025	12:50	LB137613
	Zinc	16.7	+/-20	U	15.0	40.0	P	10/21/2025	12:50	LB137613

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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Aluminum	11.3	+/-50	U	80.0	100	P	10/21/2025	13:54	LB137613
	Antimony	6.76	+/-25	U	12.5	50.0	P	10/21/2025	13:54	LB137613
	Arsenic	5.12	+/-10	U	15.0	20.0	P	10/21/2025	13:54	LB137613
	Barium	14.6	+/-50	U	25.0	100	P	10/21/2025	13:54	LB137613
	Beryllium	0.56	+/-3	U	1.50	6.00	P	10/21/2025	13:54	LB137613
	Cadmium	0.50	+/-3	U	1.50	6.00	P	10/21/2025	13:54	LB137613
	Calcium	234	+/-1000	U	500	2000	P	10/21/2025	13:54	LB137613
	Chromium	2.12	+/-5	U	5.00	10.0	P	10/21/2025	13:54	LB137613
	Cobalt	2.26	+/-15	U	7.50	30.0	P	10/21/2025	13:54	LB137613
	Copper	4.60	+/-10	U	16.0	20.0	P	10/21/2025	13:54	LB137613
	Iron	23.4	+/-50	U	80.0	100	P	10/21/2025	13:54	LB137613
	Lead	2.30	+/-6	U	9.60	12.0	P	10/21/2025	13:54	LB137613
	Magnesium	244	+/-1000	U	500	2000	P	10/21/2025	13:54	LB137613
	Manganese	5.94	+/-10	U	15.0	20.0	P	10/21/2025	13:54	LB137613
	Nickel	3.06	+/-20	U	10.0	40.0	P	10/21/2025	13:54	LB137613
	Potassium	918	+/-1000	U	1600	2000	P	10/21/2025	13:54	LB137613
	Selenium	9.64	+/-10	U	16.0	20.0	P	10/21/2025	13:54	LB137613
	Silver	1.62	+/-5	U	5.00	10.0	P	10/21/2025	13:54	LB137613
	Sodium	868	+/-1000	U	1000	2000	P	10/21/2025	13:54	LB137613
	Thallium	4.38	+/-20	U	20.0	40.0	P	10/21/2025	13:54	LB137613
	Vanadium	6.26	+/-20	U	20.0	40.0	P	10/21/2025	13:54	LB137613
	Zinc	16.7	+/-20	U	15.0	40.0	P	10/21/2025	13:54	LB137613
CCB02	Aluminum	11.3	+/-50	U	80.0	100	P	10/21/2025	15:07	LB137613
	Antimony	6.76	+/-25	U	12.5	50.0	P	10/21/2025	15:07	LB137613
	Arsenic	5.12	+/-10	U	15.0	20.0	P	10/21/2025	15:07	LB137613
	Barium	14.6	+/-50	U	25.0	100	P	10/21/2025	15:07	LB137613
	Beryllium	0.56	+/-3	U	1.50	6.00	P	10/21/2025	15:07	LB137613
	Cadmium	0.50	+/-3	U	1.50	6.00	P	10/21/2025	15:07	LB137613
	Calcium	234	+/-1000	U	500	2000	P	10/21/2025	15:07	LB137613
	Chromium	2.12	+/-5	U	5.00	10.0	P	10/21/2025	15:07	LB137613
	Cobalt	2.26	+/-15	U	7.50	30.0	P	10/21/2025	15:07	LB137613
	Copper	4.60	+/-10	U	16.0	20.0	P	10/21/2025	15:07	LB137613
	Iron	36.0	+/-50	J	80.0	100	P	10/21/2025	15:07	LB137613
	Lead	2.30	+/-6	U	9.60	12.0	P	10/21/2025	15:07	LB137613
	Magnesium	244	+/-1000	U	500	2000	P	10/21/2025	15:07	LB137613
	Manganese	5.94	+/-10	U	15.0	20.0	P	10/21/2025	15:07	LB137613
	Nickel	3.06	+/-20	U	10.0	40.0	P	10/21/2025	15:07	LB137613
	Potassium	918	+/-1000	U	1600	2000	P	10/21/2025	15:07	LB137613
	Selenium	9.64	+/-10	U	16.0	20.0	P	10/21/2025	15:07	LB137613

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB02	Silver	1.62	+/-5	U	5.00	10.0	P	10/21/2025	15:07	LB137613
	Sodium	868	+/-1000	U	1000	2000	P	10/21/2025	15:07	LB137613
	Thallium	4.38	+/-20	U	20.0	40.0	P	10/21/2025	15:07	LB137613
	Vanadium	6.26	+/-20	U	20.0	40.0	P	10/21/2025	15:07	LB137613
	Zinc	16.7	+/-20	U	15.0	40.0	P	10/21/2025	15:07	LB137613
CCB03	Aluminum	41.4	+/-50	J	80.0	100	P	10/21/2025	16:00	LB137613
	Antimony	6.76	+/-25	U	12.5	50.0	P	10/21/2025	16:00	LB137613
	Arsenic	5.12	+/-10	U	15.0	20.0	P	10/21/2025	16:00	LB137613
	Barium	14.6	+/-50	U	25.0	100	P	10/21/2025	16:00	LB137613
	Beryllium	0.56	+/-3	U	1.50	6.00	P	10/21/2025	16:00	LB137613
	Cadmium	0.50	+/-3	U	1.50	6.00	P	10/21/2025	16:00	LB137613
	Calcium	234	+/-1000	U	500	2000	P	10/21/2025	16:00	LB137613
	Chromium	2.83	+/-5	J	5.00	10.0	P	10/21/2025	16:00	LB137613
	Cobalt	2.26	+/-15	U	7.50	30.0	P	10/21/2025	16:00	LB137613
	Copper	4.60	+/-10	U	16.0	20.0	P	10/21/2025	16:00	LB137613
	Iron	43.3	+/-50	J	80.0	100	P	10/21/2025	16:00	LB137613
	Lead	2.30	+/-6	U	9.60	12.0	P	10/21/2025	16:00	LB137613
	Magnesium	244	+/-1000	U	500	2000	P	10/21/2025	16:00	LB137613
	Manganese	5.94	+/-10	U	15.0	20.0	P	10/21/2025	16:00	LB137613
	Nickel	3.06	+/-20	U	10.0	40.0	P	10/21/2025	16:00	LB137613
	Potassium	918	+/-1000	U	1600	2000	P	10/21/2025	16:00	LB137613
	Selenium	9.64	+/-10	U	16.0	20.0	P	10/21/2025	16:00	LB137613
	Silver	1.62	+/-5	U	5.00	10.0	P	10/21/2025	16:00	LB137613
	Sodium	868	+/-1000	U	1000	2000	P	10/21/2025	16:00	LB137613
	Thallium	4.38	+/-20	U	20.0	40.0	P	10/21/2025	16:00	LB137613
	Vanadium	6.26	+/-20	U	20.0	40.0	P	10/21/2025	16:00	LB137613
	Zinc	16.7	+/-20	U	15.0	40.0	P	10/21/2025	16:00	LB137613
CCB04	Aluminum	11.3	+/-50	U	80.0	100	P	10/21/2025	16:52	LB137613
	Antimony	6.76	+/-25	U	12.5	50.0	P	10/21/2025	16:52	LB137613
	Arsenic	5.12	+/-10	U	15.0	20.0	P	10/21/2025	16:52	LB137613
	Barium	14.6	+/-50	U	25.0	100	P	10/21/2025	16:52	LB137613
	Beryllium	0.56	+/-3	U	1.50	6.00	P	10/21/2025	16:52	LB137613
	Cadmium	0.50	+/-3	U	1.50	6.00	P	10/21/2025	16:52	LB137613
	Calcium	234	+/-1000	U	500	2000	P	10/21/2025	16:52	LB137613
	Chromium	2.12	+/-5	U	5.00	10.0	P	10/21/2025	16:52	LB137613
	Cobalt	2.26	+/-15	U	7.50	30.0	P	10/21/2025	16:52	LB137613
	Copper	4.60	+/-10	U	16.0	20.0	P	10/21/2025	16:52	LB137613
	Iron	23.4	+/-50	U	80.0	100	P	10/21/2025	16:52	LB137613
	Lead	2.30	+/-6	U	9.60	12.0	P	10/21/2025	16:52	LB137613

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB04	Magnesium	244	+/-1000	U	500	2000	P	10/21/2025	16:52	LB137613
	Manganese	5.94	+/-10	U	15.0	20.0	P	10/21/2025	16:52	LB137613
	Nickel	3.06	+/-20	U	10.0	40.0	P	10/21/2025	16:52	LB137613
	Potassium	918	+/-1000	U	1600	2000	P	10/21/2025	16:52	LB137613
	Selenium	9.64	+/-10	U	16.0	20.0	P	10/21/2025	16:52	LB137613
	Silver	1.62	+/-5	U	5.00	10.0	P	10/21/2025	16:52	LB137613
	Sodium	868	+/-1000	U	1000	2000	P	10/21/2025	16:52	LB137613
	Thallium	4.38	+/-20	U	20.0	40.0	P	10/21/2025	16:52	LB137613
	Vanadium	6.26	+/-20	U	20.0	40.0	P	10/21/2025	16:52	LB137613
	Zinc	16.7	+/-20	U	15.0	40.0	P	10/21/2025	16:52	LB137613
CCB05	Aluminum	16.1	+/-50	J	80.0	100	P	10/21/2025	17:41	LB137613
	Antimony	6.76	+/-25	U	12.5	50.0	P	10/21/2025	17:41	LB137613
	Arsenic	5.12	+/-10	U	15.0	20.0	P	10/21/2025	17:41	LB137613
	Barium	14.6	+/-50	U	25.0	100	P	10/21/2025	17:41	LB137613
	Beryllium	0.56	+/-3	U	1.50	6.00	P	10/21/2025	17:41	LB137613
	Cadmium	0.50	+/-3	U	1.50	6.00	P	10/21/2025	17:41	LB137613
	Calcium	234	+/-1000	U	500	2000	P	10/21/2025	17:41	LB137613
	Chromium	2.12	+/-5	U	5.00	10.0	P	10/21/2025	17:41	LB137613
	Cobalt	2.26	+/-15	U	7.50	30.0	P	10/21/2025	17:41	LB137613
	Copper	4.60	+/-10	U	16.0	20.0	P	10/21/2025	17:41	LB137613
	Iron	23.4	+/-50	U	80.0	100	P	10/21/2025	17:41	LB137613
	Lead	2.30	+/-6	U	9.60	12.0	P	10/21/2025	17:41	LB137613
	Magnesium	244	+/-1000	U	500	2000	P	10/21/2025	17:41	LB137613
	Manganese	5.94	+/-10	U	15.0	20.0	P	10/21/2025	17:41	LB137613
	Nickel	3.06	+/-20	U	10.0	40.0	P	10/21/2025	17:41	LB137613
	Potassium	918	+/-1000	U	1600	2000	P	10/21/2025	17:41	LB137613
	Selenium	9.64	+/-10	U	16.0	20.0	P	10/21/2025	17:41	LB137613
	Silver	1.62	+/-5	U	5.00	10.0	P	10/21/2025	17:41	LB137613
	Sodium	868	+/-1000	U	1000	2000	P	10/21/2025	17:41	LB137613
	Thallium	4.38	+/-20	U	20.0	40.0	P	10/21/2025	17:41	LB137613
	Vanadium	6.26	+/-20	U	20.0	40.0	P	10/21/2025	17:41	LB137613
	Zinc	16.7	+/-20	U	15.0	40.0	P	10/21/2025	17:41	LB137613
CCB06	Aluminum	11.4	+/-50	J	80.0	100	P	10/21/2025	18:31	LB137613
	Antimony	6.76	+/-25	U	12.5	50.0	P	10/21/2025	18:31	LB137613
	Arsenic	5.12	+/-10	U	15.0	20.0	P	10/21/2025	18:31	LB137613
	Barium	14.6	+/-50	U	25.0	100	P	10/21/2025	18:31	LB137613
	Beryllium	0.56	+/-3	U	1.50	6.00	P	10/21/2025	18:31	LB137613
	Cadmium	0.50	+/-3	U	1.50	6.00	P	10/21/2025	18:31	LB137613
	Calcium	234	+/-1000	U	500	2000	P	10/21/2025	18:31	LB137613

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB06	Chromium	2.12	+/-5	U	5.00	10.0	P	10/21/2025	18:31	LB137613
	Cobalt	2.26	+/-15	U	7.50	30.0	P	10/21/2025	18:31	LB137613
	Copper	4.60	+/-10	U	16.0	20.0	P	10/21/2025	18:31	LB137613
	Iron	23.4	+/-50	U	80.0	100	P	10/21/2025	18:31	LB137613
	Lead	2.30	+/-6	U	9.60	12.0	P	10/21/2025	18:31	LB137613
	Magnesium	244	+/-1000	U	500	2000	P	10/21/2025	18:31	LB137613
	Manganese	5.94	+/-10	U	15.0	20.0	P	10/21/2025	18:31	LB137613
	Nickel	3.06	+/-20	U	10.0	40.0	P	10/21/2025	18:31	LB137613
	Potassium	956	+/-1000	J	1600	2000	P	10/21/2025	18:31	LB137613
	Selenium	9.64	+/-10	U	16.0	20.0	P	10/21/2025	18:31	LB137613
	Silver	1.62	+/-5	U	5.00	10.0	P	10/21/2025	18:31	LB137613
	Sodium	1000	+/-1000	J	1000	2000	P	10/21/2025	18:31	LB137613
	Thallium	4.38	+/-20	U	20.0	40.0	P	10/21/2025	18:31	LB137613
	Vanadium	6.26	+/-20	U	20.0	40.0	P	10/21/2025	18:31	LB137613
	Zinc	16.7	+/-20	U	15.0	40.0	P	10/21/2025	18:31	LB137613
CCB07	Aluminum	11.3	+/-50	U	80.0	100	P	10/21/2025	19:22	LB137613
	Antimony	6.76	+/-25	U	12.5	50.0	P	10/21/2025	19:22	LB137613
	Arsenic	5.12	+/-10	U	15.0	20.0	P	10/21/2025	19:22	LB137613
	Barium	14.6	+/-50	U	25.0	100	P	10/21/2025	19:22	LB137613
	Beryllium	0.56	+/-3	U	1.50	6.00	P	10/21/2025	19:22	LB137613
	Cadmium	0.50	+/-3	U	1.50	6.00	P	10/21/2025	19:22	LB137613
	Calcium	234	+/-1000	U	500	2000	P	10/21/2025	19:22	LB137613
	Chromium	2.12	+/-5	U	5.00	10.0	P	10/21/2025	19:22	LB137613
	Cobalt	2.26	+/-15	U	7.50	30.0	P	10/21/2025	19:22	LB137613
	Copper	4.60	+/-10	U	16.0	20.0	P	10/21/2025	19:22	LB137613
	Iron	23.4	+/-50	U	80.0	100	P	10/21/2025	19:22	LB137613
	Lead	2.30	+/-6	U	9.60	12.0	P	10/21/2025	19:22	LB137613
	Magnesium	244	+/-1000	U	500	2000	P	10/21/2025	19:22	LB137613
	Manganese	5.94	+/-10	U	15.0	20.0	P	10/21/2025	19:22	LB137613
	Nickel	3.06	+/-20	U	10.0	40.0	P	10/21/2025	19:22	LB137613
	Potassium	918	+/-1000	U	1600	2000	P	10/21/2025	19:22	LB137613
	Selenium	9.64	+/-10	U	16.0	20.0	P	10/21/2025	19:22	LB137613
	Silver	1.62	+/-5	U	5.00	10.0	P	10/21/2025	19:22	LB137613
	Sodium	868	+/-1000	U	1000	2000	P	10/21/2025	19:22	LB137613
	Thallium	4.38	+/-20	U	20.0	40.0	P	10/21/2025	19:22	LB137613
	Vanadium	6.26	+/-20	U	20.0	40.0	P	10/21/2025	19:22	LB137613
	Zinc	16.7	+/-20	U	15.0	40.0	P	10/21/2025	19:22	LB137613
CCB08	Aluminum	11.3	+/-50	U	80.0	100	P	10/21/2025	20:07	LB137613
	Antimony	6.76	+/-25	U	12.5	50.0	P	10/21/2025	20:07	LB137613

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB08	Arsenic	5.12	+/-10	U	15.0	20.0	P	10/21/2025	20:07	LB137613
	Barium	14.6	+/-50	U	25.0	100	P	10/21/2025	20:07	LB137613
	Beryllium	0.56	+/-3	U	1.50	6.00	P	10/21/2025	20:07	LB137613
	Cadmium	0.50	+/-3	U	1.50	6.00	P	10/21/2025	20:07	LB137613
	Calcium	234	+/-1000	U	500	2000	P	10/21/2025	20:07	LB137613
	Chromium	2.12	+/-5	U	5.00	10.0	P	10/21/2025	20:07	LB137613
	Cobalt	2.26	+/-15	U	7.50	30.0	P	10/21/2025	20:07	LB137613
	Copper	4.60	+/-10	U	16.0	20.0	P	10/21/2025	20:07	LB137613
	Iron	23.4	+/-50	U	80.0	100	P	10/21/2025	20:07	LB137613
	Lead	2.30	+/-6	U	9.60	12.0	P	10/21/2025	20:07	LB137613
	Magnesium	244	+/-1000	U	500	2000	P	10/21/2025	20:07	LB137613
	Manganese	5.94	+/-10	U	15.0	20.0	P	10/21/2025	20:07	LB137613
	Nickel	3.06	+/-20	U	10.0	40.0	P	10/21/2025	20:07	LB137613
	Potassium	918	+/-1000	U	1600	2000	P	10/21/2025	20:07	LB137613
	Selenium	9.64	+/-10	U	16.0	20.0	P	10/21/2025	20:07	LB137613
	Silver	1.62	+/-5	U	5.00	10.0	P	10/21/2025	20:07	LB137613
	Sodium	868	+/-1000	U	1000	2000	P	10/21/2025	20:07	LB137613
	Thallium	4.38	+/-20	U	20.0	40.0	P	10/21/2025	20:07	LB137613
	Vanadium	6.26	+/-20	U	20.0	40.0	P	10/21/2025	20:07	LB137613
	Zinc	16.7	+/-20	U	15.0	40.0	P	10/21/2025	20:07	LB137613

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Aluminum	11.9	+/-50	J	80.0	100	P	10/23/2025	13:20	LB137630
	Antimony	6.76	+/-25	U	12.5	50.0	P	10/23/2025	13:20	LB137630
	Arsenic	5.12	+/-10	U	15.0	20.0	P	10/23/2025	13:20	LB137630
	Barium	14.6	+/-50	U	25.0	100	P	10/23/2025	13:20	LB137630
	Beryllium	0.56	+/-3	U	1.50	6.00	P	10/23/2025	13:20	LB137630
	Cadmium	0.50	+/-3	U	1.50	6.00	P	10/23/2025	13:20	LB137630
	Calcium	234	+/-1000	U	500	2000	P	10/23/2025	13:20	LB137630
	Chromium	2.12	+/-5	U	5.00	10.0	P	10/23/2025	13:20	LB137630
	Cobalt	2.26	+/-15	U	7.50	30.0	P	10/23/2025	13:20	LB137630
	Copper	4.60	+/-10	U	16.0	20.0	P	10/23/2025	13:20	LB137630
	Iron	25.5	+/-50	J	80.0	100	P	10/23/2025	13:20	LB137630
	Lead	2.30	+/-6	U	9.60	12.0	P	10/23/2025	13:20	LB137630
	Magnesium	244	+/-1000	U	500	2000	P	10/23/2025	13:20	LB137630
	Manganese	5.94	+/-10	U	15.0	20.0	P	10/23/2025	13:20	LB137630
	Nickel	6.19	+/-20	J	10.0	40.0	P	10/23/2025	13:20	LB137630
	Potassium	918	+/-1000	U	1600	2000	P	10/23/2025	13:20	LB137630
	Selenium	9.64	+/-10	U	16.0	20.0	P	10/23/2025	13:20	LB137630
	Silver	1.62	+/-5	U	5.00	10.0	P	10/23/2025	13:20	LB137630
	Sodium	868	+/-1000	U	1000	2000	P	10/23/2025	13:20	LB137630
	Thallium	4.38	+/-20	U	20.0	40.0	P	10/23/2025	13:20	LB137630
	Vanadium	6.26	+/-20	U	20.0	40.0	P	10/23/2025	13:20	LB137630
	Zinc	16.7	+/-20	U	15.0	40.0	P	10/23/2025	13:20	LB137630

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Aluminum	11.3	+/-50	U	80.0	100	P	10/23/2025	13:57	LB137630
	Antimony	6.76	+/-25	U	12.5	50.0	P	10/23/2025	13:57	LB137630
	Arsenic	5.12	+/-10	U	15.0	20.0	P	10/23/2025	13:57	LB137630
	Barium	14.6	+/-50	U	25.0	100	P	10/23/2025	13:57	LB137630
	Beryllium	0.56	+/-3	U	1.50	6.00	P	10/23/2025	13:57	LB137630
	Cadmium	0.50	+/-3	U	1.50	6.00	P	10/23/2025	13:57	LB137630
	Calcium	234	+/-1000	U	500	2000	P	10/23/2025	13:57	LB137630
	Chromium	2.12	+/-5	U	5.00	10.0	P	10/23/2025	13:57	LB137630
	Cobalt	2.26	+/-15	U	7.50	30.0	P	10/23/2025	13:57	LB137630
	Copper	4.60	+/-10	U	16.0	20.0	P	10/23/2025	13:57	LB137630
	Iron	23.4	+/-50	U	80.0	100	P	10/23/2025	13:57	LB137630
	Lead	2.30	+/-6	U	9.60	12.0	P	10/23/2025	13:57	LB137630
	Magnesium	244	+/-1000	U	500	2000	P	10/23/2025	13:57	LB137630
	Manganese	5.94	+/-10	U	15.0	20.0	P	10/23/2025	13:57	LB137630
	Nickel	3.06	+/-20	U	10.0	40.0	P	10/23/2025	13:57	LB137630
	Potassium	918	+/-1000	U	1600	2000	P	10/23/2025	13:57	LB137630
	Selenium	9.64	+/-10	U	16.0	20.0	P	10/23/2025	13:57	LB137630
	Silver	1.62	+/-5	U	5.00	10.0	P	10/23/2025	13:57	LB137630
	Sodium	868	+/-1000	U	1000	2000	P	10/23/2025	13:57	LB137630
	Thallium	4.38	+/-20	U	20.0	40.0	P	10/23/2025	13:57	LB137630
	Vanadium	6.26	+/-20	U	20.0	40.0	P	10/23/2025	13:57	LB137630
	Zinc	16.7	+/-20	U	15.0	40.0	P	10/23/2025	13:57	LB137630
CCB02	Aluminum	22.6	+/-50	J	80.0	100	P	10/23/2025	15:08	LB137630
	Antimony	6.76	+/-25	U	12.5	50.0	P	10/23/2025	15:08	LB137630
	Arsenic	5.12	+/-10	U	15.0	20.0	P	10/23/2025	15:08	LB137630
	Barium	14.6	+/-50	U	25.0	100	P	10/23/2025	15:08	LB137630
	Beryllium	0.56	+/-3	U	1.50	6.00	P	10/23/2025	15:08	LB137630
	Cadmium	0.50	+/-3	U	1.50	6.00	P	10/23/2025	15:08	LB137630
	Calcium	234	+/-1000	U	500	2000	P	10/23/2025	15:08	LB137630
	Chromium	2.12	+/-5	U	5.00	10.0	P	10/23/2025	15:08	LB137630
	Cobalt	2.26	+/-15	U	7.50	30.0	P	10/23/2025	15:08	LB137630
	Copper	4.60	+/-10	U	16.0	20.0	P	10/23/2025	15:08	LB137630
	Iron	34.2	+/-50	J	80.0	100	P	10/23/2025	15:08	LB137630
	Lead	2.30	+/-6	U	9.60	12.0	P	10/23/2025	15:08	LB137630
	Magnesium	244	+/-1000	U	500	2000	P	10/23/2025	15:08	LB137630
	Manganese	5.94	+/-10	U	15.0	20.0	P	10/23/2025	15:08	LB137630
	Nickel	3.06	+/-20	U	10.0	40.0	P	10/23/2025	15:08	LB137630
	Potassium	918	+/-1000	U	1600	2000	P	10/23/2025	15:08	LB137630
	Selenium	9.64	+/-10	U	16.0	20.0	P	10/23/2025	15:08	LB137630

Alliance TECHNICAL GROUP
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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB02	Silver	1.62	+/-5	U	5.00	10.0	P	10/23/2025	15:08	LB137630
	Sodium	868	+/-1000	U	1000	2000	P	10/23/2025	15:08	LB137630
	Thallium	4.38	+/-20	U	20.0	40.0	P	10/23/2025	15:08	LB137630
	Vanadium	6.26	+/-20	U	20.0	40.0	P	10/23/2025	15:08	LB137630
	Zinc	16.7	+/-20	U	15.0	40.0	P	10/23/2025	15:08	LB137630
CCB03	Aluminum	11.3	+/-50	U	80.0	100	P	10/23/2025	16:11	LB137630
	Antimony	6.76	+/-25	U	12.5	50.0	P	10/23/2025	16:11	LB137630
	Arsenic	5.12	+/-10	U	15.0	20.0	P	10/23/2025	16:11	LB137630
	Barium	14.6	+/-50	U	25.0	100	P	10/23/2025	16:11	LB137630
	Beryllium	0.56	+/-3	U	1.50	6.00	P	10/23/2025	16:11	LB137630
	Cadmium	0.50	+/-3	U	1.50	6.00	P	10/23/2025	16:11	LB137630
	Calcium	234	+/-1000	U	500	2000	P	10/23/2025	16:11	LB137630
	Chromium	2.12	+/-5	U	5.00	10.0	P	10/23/2025	16:11	LB137630
	Cobalt	2.26	+/-15	U	7.50	30.0	P	10/23/2025	16:11	LB137630
	Copper	4.60	+/-10	U	16.0	20.0	P	10/23/2025	16:11	LB137630
	Iron	23.4	+/-50	U	80.0	100	P	10/23/2025	16:11	LB137630
	Lead	2.30	+/-6	U	9.60	12.0	P	10/23/2025	16:11	LB137630
	Magnesium	244	+/-1000	U	500	2000	P	10/23/2025	16:11	LB137630
	Manganese	5.94	+/-10	U	15.0	20.0	P	10/23/2025	16:11	LB137630
	Nickel	3.06	+/-20	U	10.0	40.0	P	10/23/2025	16:11	LB137630
	Potassium	918	+/-1000	U	1600	2000	P	10/23/2025	16:11	LB137630
	Selenium	9.64	+/-10	U	16.0	20.0	P	10/23/2025	16:11	LB137630
	Silver	1.62	+/-5	U	5.00	10.0	P	10/23/2025	16:11	LB137630
	Sodium	868	+/-1000	U	1000	2000	P	10/23/2025	16:11	LB137630
	Thallium	4.38	+/-20	U	20.0	40.0	P	10/23/2025	16:11	LB137630
	Vanadium	6.26	+/-20	U	20.0	40.0	P	10/23/2025	16:11	LB137630
	Zinc	16.7	+/-20	U	15.0	40.0	P	10/23/2025	16:11	LB137630
CCB04	Aluminum	11.3	+/-50	U	80.0	100	P	10/23/2025	16:47	LB137630
	Antimony	6.76	+/-25	U	12.5	50.0	P	10/23/2025	16:47	LB137630
	Arsenic	5.12	+/-10	U	15.0	20.0	P	10/23/2025	16:47	LB137630
	Barium	14.6	+/-50	U	25.0	100	P	10/23/2025	16:47	LB137630
	Beryllium	0.56	+/-3	U	1.50	6.00	P	10/23/2025	16:47	LB137630
	Cadmium	0.50	+/-3	U	1.50	6.00	P	10/23/2025	16:47	LB137630
	Calcium	234	+/-1000	U	500	2000	P	10/23/2025	16:47	LB137630
	Chromium	2.12	+/-5	U	5.00	10.0	P	10/23/2025	16:47	LB137630
	Cobalt	2.26	+/-15	U	7.50	30.0	P	10/23/2025	16:47	LB137630
	Copper	4.60	+/-10	U	16.0	20.0	P	10/23/2025	16:47	LB137630
	Iron	23.4	+/-50	U	80.0	100	P	10/23/2025	16:47	LB137630
	Lead	2.30	+/-6	U	9.60	12.0	P	10/23/2025	16:47	LB137630

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB04	Magnesium	244	+/-1000	U	500	2000	P	10/23/2025	16:47	LB137630
	Manganese	5.94	+/-10	U	15.0	20.0	P	10/23/2025	16:47	LB137630
	Nickel	3.06	+/-20	U	10.0	40.0	P	10/23/2025	16:47	LB137630
	Potassium	918	+/-1000	U	1600	2000	P	10/23/2025	16:47	LB137630
	Selenium	9.64	+/-10	U	16.0	20.0	P	10/23/2025	16:47	LB137630
	Silver	1.62	+/-5	U	5.00	10.0	P	10/23/2025	16:47	LB137630
	Sodium	868	+/-1000	U	1000	2000	P	10/23/2025	16:47	LB137630
	Thallium	4.38	+/-20	U	20.0	40.0	P	10/23/2025	16:47	LB137630
	Vanadium	6.26	+/-20	U	20.0	40.0	P	10/23/2025	16:47	LB137630
	Zinc	16.7	+/-20	U	15.0	40.0	P	10/23/2025	16:47	LB137630
CCB05	Aluminum	11.3	+/-50	U	80.0	100	P	10/23/2025	17:25	LB137630
	Antimony	6.76	+/-25	U	12.5	50.0	P	10/23/2025	17:25	LB137630
	Arsenic	5.12	+/-10	U	15.0	20.0	P	10/23/2025	17:25	LB137630
	Barium	14.6	+/-50	U	25.0	100	P	10/23/2025	17:25	LB137630
	Beryllium	0.56	+/-3	U	1.50	6.00	P	10/23/2025	17:25	LB137630
	Cadmium	0.50	+/-3	U	1.50	6.00	P	10/23/2025	17:25	LB137630
	Calcium	234	+/-1000	U	500	2000	P	10/23/2025	17:25	LB137630
	Chromium	2.12	+/-5	U	5.00	10.0	P	10/23/2025	17:25	LB137630
	Cobalt	2.26	+/-15	U	7.50	30.0	P	10/23/2025	17:25	LB137630
	Copper	4.60	+/-10	U	16.0	20.0	P	10/23/2025	17:25	LB137630
	Iron	23.4	+/-50	U	80.0	100	P	10/23/2025	17:25	LB137630
	Lead	2.30	+/-6	U	9.60	12.0	P	10/23/2025	17:25	LB137630
	Magnesium	244	+/-1000	U	500	2000	P	10/23/2025	17:25	LB137630
	Manganese	5.94	+/-10	U	15.0	20.0	P	10/23/2025	17:25	LB137630
	Nickel	3.06	+/-20	U	10.0	40.0	P	10/23/2025	17:25	LB137630
	Potassium	918	+/-1000	U	1600	2000	P	10/23/2025	17:25	LB137630
	Selenium	9.64	+/-10	U	16.0	20.0	P	10/23/2025	17:25	LB137630
	Silver	1.62	+/-5	U	5.00	10.0	P	10/23/2025	17:25	LB137630
	Sodium	868	+/-1000	U	1000	2000	P	10/23/2025	17:25	LB137630
	Thallium	4.38	+/-20	U	20.0	40.0	P	10/23/2025	17:25	LB137630
	Vanadium	6.26	+/-20	U	20.0	40.0	P	10/23/2025	17:25	LB137630
	Zinc	16.7	+/-20	U	15.0	40.0	P	10/23/2025	17:25	LB137630
CCB06	Aluminum	11.3	+/-50	U	80.0	100	P	10/23/2025	18:15	LB137630
	Antimony	6.76	+/-25	U	12.5	50.0	P	10/23/2025	18:15	LB137630
	Arsenic	5.12	+/-10	U	15.0	20.0	P	10/23/2025	18:15	LB137630
	Barium	14.6	+/-50	U	25.0	100	P	10/23/2025	18:15	LB137630
	Beryllium	0.56	+/-3	U	1.50	6.00	P	10/23/2025	18:15	LB137630
	Cadmium	0.50	+/-3	U	1.50	6.00	P	10/23/2025	18:15	LB137630
	Calcium	234	+/-1000	U	500	2000	P	10/23/2025	18:15	LB137630

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB06	Chromium	2.12	+/-5	U	5.00	10.0	P	10/23/2025	18:15	LB137630
	Cobalt	2.26	+/-15	U	7.50	30.0	P	10/23/2025	18:15	LB137630
	Copper	4.60	+/-10	U	16.0	20.0	P	10/23/2025	18:15	LB137630
	Iron	23.4	+/-50	U	80.0	100	P	10/23/2025	18:15	LB137630
	Lead	2.30	+/-6	U	9.60	12.0	P	10/23/2025	18:15	LB137630
	Magnesium	244	+/-1000	U	500	2000	P	10/23/2025	18:15	LB137630
	Manganese	5.94	+/-10	U	15.0	20.0	P	10/23/2025	18:15	LB137630
	Nickel	3.06	+/-20	U	10.0	40.0	P	10/23/2025	18:15	LB137630
	Potassium	918	+/-1000	U	1600	2000	P	10/23/2025	18:15	LB137630
	Selenium	9.64	+/-10	U	16.0	20.0	P	10/23/2025	18:15	LB137630
	Silver	1.62	+/-5	U	5.00	10.0	P	10/23/2025	18:15	LB137630
	Sodium	868	+/-1000	U	1000	2000	P	10/23/2025	18:15	LB137630
	Thallium	4.38	+/-20	U	20.0	40.0	P	10/23/2025	18:15	LB137630
	Vanadium	6.26	+/-20	U	20.0	40.0	P	10/23/2025	18:15	LB137630
	Zinc	16.7	+/-20	U	15.0	40.0	P	10/23/2025	18:15	LB137630
CCB07	Aluminum	11.3	+/-50	U	80.0	100	P	10/23/2025	19:04	LB137630
	Antimony	6.76	+/-25	U	12.5	50.0	P	10/23/2025	19:04	LB137630
	Arsenic	5.12	+/-10	U	15.0	20.0	P	10/23/2025	19:04	LB137630
	Barium	14.6	+/-50	U	25.0	100	P	10/23/2025	19:04	LB137630
	Beryllium	0.56	+/-3	U	1.50	6.00	P	10/23/2025	19:04	LB137630
	Cadmium	0.50	+/-3	U	1.50	6.00	P	10/23/2025	19:04	LB137630
	Calcium	234	+/-1000	U	500	2000	P	10/23/2025	19:04	LB137630
	Chromium	2.12	+/-5	U	5.00	10.0	P	10/23/2025	19:04	LB137630
	Cobalt	2.26	+/-15	U	7.50	30.0	P	10/23/2025	19:04	LB137630
	Copper	4.60	+/-10	U	16.0	20.0	P	10/23/2025	19:04	LB137630
	Iron	23.4	+/-50	U	80.0	100	P	10/23/2025	19:04	LB137630
	Lead	2.30	+/-6	U	9.60	12.0	P	10/23/2025	19:04	LB137630
	Magnesium	244	+/-1000	U	500	2000	P	10/23/2025	19:04	LB137630
	Manganese	5.94	+/-10	U	15.0	20.0	P	10/23/2025	19:04	LB137630
	Nickel	3.06	+/-20	U	10.0	40.0	P	10/23/2025	19:04	LB137630
	Potassium	918	+/-1000	U	1600	2000	P	10/23/2025	19:04	LB137630
	Selenium	9.64	+/-10	U	16.0	20.0	P	10/23/2025	19:04	LB137630
	Silver	1.62	+/-5	U	5.00	10.0	P	10/23/2025	19:04	LB137630
	Sodium	868	+/-1000	U	1000	2000	P	10/23/2025	19:04	LB137630
	Thallium	4.38	+/-20	U	20.0	40.0	P	10/23/2025	19:04	LB137630
	Vanadium	6.26	+/-20	U	20.0	40.0	P	10/23/2025	19:04	LB137630
	Zinc	16.7	+/-20	U	15.0	40.0	P	10/23/2025	19:04	LB137630
CCB08	Aluminum	11.3	+/-50	U	80.0	100	P	10/23/2025	19:52	LB137630
	Antimony	6.76	+/-25	U	12.5	50.0	P	10/23/2025	19:52	LB137630

Alliance TECHNICAL GROUP
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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB08	Arsenic	5.12	+/-10	U	15.0	20.0	P	10/23/2025	19:52	LB137630
	Barium	14.6	+/-50	U	25.0	100	P	10/23/2025	19:52	LB137630
	Beryllium	0.56	+/-3	U	1.50	6.00	P	10/23/2025	19:52	LB137630
	Cadmium	0.50	+/-3	U	1.50	6.00	P	10/23/2025	19:52	LB137630
	Calcium	234	+/-1000	U	500	2000	P	10/23/2025	19:52	LB137630
	Chromium	2.12	+/-5	U	5.00	10.0	P	10/23/2025	19:52	LB137630
	Cobalt	2.26	+/-15	U	7.50	30.0	P	10/23/2025	19:52	LB137630
	Copper	4.60	+/-10	U	16.0	20.0	P	10/23/2025	19:52	LB137630
	Iron	23.4	+/-50	U	80.0	100	P	10/23/2025	19:52	LB137630
	Lead	2.30	+/-6	U	9.60	12.0	P	10/23/2025	19:52	LB137630
	Magnesium	244	+/-1000	U	500	2000	P	10/23/2025	19:52	LB137630
	Manganese	5.94	+/-10	U	15.0	20.0	P	10/23/2025	19:52	LB137630
	Nickel	3.06	+/-20	U	10.0	40.0	P	10/23/2025	19:52	LB137630
	Potassium	918	+/-1000	U	1600	2000	P	10/23/2025	19:52	LB137630
	Selenium	9.64	+/-10	U	16.0	20.0	P	10/23/2025	19:52	LB137630
	Silver	1.62	+/-5	U	5.00	10.0	P	10/23/2025	19:52	LB137630
	Sodium	868	+/-1000	U	1000	2000	P	10/23/2025	19:52	LB137630
	Thallium	4.38	+/-20	U	20.0	40.0	P	10/23/2025	19:52	LB137630
	Vanadium	6.26	+/-20	U	20.0	40.0	P	10/23/2025	19:52	LB137630
	Zinc	16.7	+/-20	U	15.0	40.0	P	10/23/2025	19:52	LB137630
CCB09	Aluminum	11.3	+/-50	U	80.0	100	P	10/23/2025	20:43	LB137630
	Antimony	6.76	+/-25	U	12.5	50.0	P	10/23/2025	20:43	LB137630
	Arsenic	5.12	+/-10	U	15.0	20.0	P	10/23/2025	20:43	LB137630
	Barium	14.6	+/-50	U	25.0	100	P	10/23/2025	20:43	LB137630
	Beryllium	0.56	+/-3	U	1.50	6.00	P	10/23/2025	20:43	LB137630
	Cadmium	0.50	+/-3	U	1.50	6.00	P	10/23/2025	20:43	LB137630
	Calcium	234	+/-1000	U	500	2000	P	10/23/2025	20:43	LB137630
	Chromium	2.12	+/-5	U	5.00	10.0	P	10/23/2025	20:43	LB137630
	Cobalt	2.26	+/-15	U	7.50	30.0	P	10/23/2025	20:43	LB137630
	Copper	4.60	+/-10	U	16.0	20.0	P	10/23/2025	20:43	LB137630
	Iron	23.4	+/-50	U	80.0	100	P	10/23/2025	20:43	LB137630
	Lead	2.30	+/-6	U	9.60	12.0	P	10/23/2025	20:43	LB137630
	Magnesium	244	+/-1000	U	500	2000	P	10/23/2025	20:43	LB137630
	Manganese	5.94	+/-10	U	15.0	20.0	P	10/23/2025	20:43	LB137630
	Nickel	3.06	+/-20	U	10.0	40.0	P	10/23/2025	20:43	LB137630
	Potassium	918	+/-1000	U	1600	2000	P	10/23/2025	20:43	LB137630
	Selenium	9.64	+/-10	U	16.0	20.0	P	10/23/2025	20:43	LB137630
	Silver	1.62	+/-5	U	5.00	10.0	P	10/23/2025	20:43	LB137630
	Sodium	868	+/-1000	U	1000	2000	P	10/23/2025	20:43	LB137630

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB09	Thallium	4.38	+/-20	U	20.0	40.0	P	10/23/2025	20:43	LB137630
	Vanadium	6.26	+/-20	U	20.0	40.0	P	10/23/2025	20:43	LB137630
	Zinc	16.7	+/-20	U	15.0	40.0	P	10/23/2025	20:43	LB137630
CCB10	Aluminum	11.3	+/-50	U	80.0	100	P	10/23/2025	21:34	LB137630
	Antimony	6.76	+/-25	U	12.5	50.0	P	10/23/2025	21:34	LB137630
	Arsenic	5.12	+/-10	U	15.0	20.0	P	10/23/2025	21:34	LB137630
	Barium	14.6	+/-50	U	25.0	100	P	10/23/2025	21:34	LB137630
	Beryllium	0.56	+/-3	U	1.50	6.00	P	10/23/2025	21:34	LB137630
	Cadmium	0.50	+/-3	U	1.50	6.00	P	10/23/2025	21:34	LB137630
	Calcium	234	+/-1000	U	500	2000	P	10/23/2025	21:34	LB137630
	Chromium	2.12	+/-5	U	5.00	10.0	P	10/23/2025	21:34	LB137630
	Cobalt	2.26	+/-15	U	7.50	30.0	P	10/23/2025	21:34	LB137630
	Copper	4.60	+/-10	U	16.0	20.0	P	10/23/2025	21:34	LB137630
	Iron	23.4	+/-50	U	80.0	100	P	10/23/2025	21:34	LB137630
	Lead	2.30	+/-6	U	9.60	12.0	P	10/23/2025	21:34	LB137630
	Magnesium	244	+/-1000	U	500	2000	P	10/23/2025	21:34	LB137630
	Manganese	5.94	+/-10	U	15.0	20.0	P	10/23/2025	21:34	LB137630
	Nickel	3.06	+/-20	U	10.0	40.0	P	10/23/2025	21:34	LB137630
	Potassium	1010	+/-1000	J*	1600	2000	P	10/23/2025	21:34	LB137630
	Selenium	9.64	+/-10	U	16.0	20.0	P	10/23/2025	21:34	LB137630
	Silver	1.62	+/-5	U	5.00	10.0	P	10/23/2025	21:34	LB137630
	Sodium	1020	+/-1000	J*	1000	2000	P	10/23/2025	21:34	LB137630
	Thallium	4.38	+/-20	U	20.0	40.0	P	10/23/2025	21:34	LB137630
	Vanadium	6.26	+/-20	U	20.0	40.0	P	10/23/2025	21:34	LB137630
	Zinc	16.7	+/-20	U	15.0	40.0	P	10/23/2025	21:34	LB137630
CCB11	Aluminum	11.3	+/-50	U	80.0	100	P	10/23/2025	22:24	LB137630
	Antimony	6.76	+/-25	U	12.5	50.0	P	10/23/2025	22:24	LB137630
	Arsenic	5.12	+/-10	U	15.0	20.0	P	10/23/2025	22:24	LB137630
	Barium	14.6	+/-50	U	25.0	100	P	10/23/2025	22:24	LB137630
	Beryllium	0.56	+/-3	U	1.50	6.00	P	10/23/2025	22:24	LB137630
	Cadmium	0.50	+/-3	U	1.50	6.00	P	10/23/2025	22:24	LB137630
	Calcium	234	+/-1000	U	500	2000	P	10/23/2025	22:24	LB137630
	Chromium	2.12	+/-5	U	5.00	10.0	P	10/23/2025	22:24	LB137630
	Cobalt	2.26	+/-15	U	7.50	30.0	P	10/23/2025	22:24	LB137630
	Copper	4.60	+/-10	U	16.0	20.0	P	10/23/2025	22:24	LB137630
	Iron	23.4	+/-50	U	80.0	100	P	10/23/2025	22:24	LB137630
	Lead	2.30	+/-6	U	9.60	12.0	P	10/23/2025	22:24	LB137630
	Magnesium	244	+/-1000	U	500	2000	P	10/23/2025	22:24	LB137630
	Manganese	5.94	+/-10	U	15.0	20.0	P	10/23/2025	22:24	LB137630

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB11	Nickel	3.06	+/-20	U	10.0	40.0	P	10/23/2025	22:24	LB137630
	Potassium	6460	+/-1000	*	1600	2000	P	10/23/2025	22:24	LB137630
	Selenium	9.64	+/-10	U	16.0	20.0	P	10/23/2025	22:24	LB137630
	Silver	1.62	+/-5	U	5.00	10.0	P	10/23/2025	22:24	LB137630
	Sodium	10400	+/-1000	*	1000	2000	P	10/23/2025	22:24	LB137630
	Thallium	6.40	+/-20	J	20.0	40.0	P	10/23/2025	22:24	LB137630
	Vanadium	6.26	+/-20	U	20.0	40.0	P	10/23/2025	22:24	LB137630
	Zinc	16.7	+/-20	U	15.0	40.0	P	10/23/2025	22:24	LB137630
CCB12	Aluminum	11.3	+/-50	U	80.0	100	P	10/23/2025	22:37	LB137630
	Antimony	6.76	+/-25	U	12.5	50.0	P	10/23/2025	22:37	LB137630
	Arsenic	5.12	+/-10	U	15.0	20.0	P	10/23/2025	22:37	LB137630
	Barium	14.6	+/-50	U	25.0	100	P	10/23/2025	22:37	LB137630
	Beryllium	0.56	+/-3	U	1.50	6.00	P	10/23/2025	22:37	LB137630
	Cadmium	0.50	+/-3	U	1.50	6.00	P	10/23/2025	22:37	LB137630
	Calcium	234	+/-1000	U	500	2000	P	10/23/2025	22:37	LB137630
	Chromium	2.12	+/-5	U	5.00	10.0	P	10/23/2025	22:37	LB137630
	Cobalt	2.26	+/-15	U	7.50	30.0	P	10/23/2025	22:37	LB137630
	Copper	4.60	+/-10	U	16.0	20.0	P	10/23/2025	22:37	LB137630
	Iron	23.4	+/-50	U	80.0	100	P	10/23/2025	22:37	LB137630
	Lead	2.30	+/-6	U	9.60	12.0	P	10/23/2025	22:37	LB137630
	Magnesium	244	+/-1000	U	500	2000	P	10/23/2025	22:37	LB137630
	Manganese	5.94	+/-10	U	15.0	20.0	P	10/23/2025	22:37	LB137630
	Nickel	3.06	+/-20	U	10.0	40.0	P	10/23/2025	22:37	LB137630
	Potassium	4640	+/-1000	*	1600	2000	P	10/23/2025	22:37	LB137630
	Selenium	9.64	+/-10	U	16.0	20.0	P	10/23/2025	22:37	LB137630
	Silver	1.62	+/-5	U	5.00	10.0	P	10/23/2025	22:37	LB137630
	Sodium	7480	+/-1000	*	1000	2000	P	10/23/2025	22:37	LB137630
	Thallium	4.38	+/-20	U	20.0	40.0	P	10/23/2025	22:37	LB137630
	Vanadium	6.26	+/-20	U	20.0	40.0	P	10/23/2025	22:37	LB137630
	Zinc	16.7	+/-20	U	15.0	40.0	P	10/23/2025	22:37	LB137630

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Metals
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PREPARATION BLANK SUMMARY

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Instrument: CV1

Sample ID	Analyte	Result (mg/Kg)	Acceptance Limit	Conc Qual	LOD mg/Kg	CRQL mg/Kg	M	Analysis Date	Analysis Time	Run
PB170230BL		**SOLID**		**Batch Number:**		**PB170230**		**Prep Date:**	**10/23/2025**	
	Mercury	0.0080	<0.014	U	0.011	0.014	CV	10/23/2025	14:15	LB137626

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Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Instrument: P4

Sample ID	Analyte	Result (mg/Kg)	Acceptance Limit	Conc Qual	LOD mg/Kg	CRQL mg/Kg	M	Analysis Date	Analysis Time	Run
PB170190BL		**SOLID**		**Batch Number:**		**PB170190**		**Prep Date:**	**10/21/2025**	
	Aluminum	0.84	<2.5	U	4.00	5.00	P	10/23/2025	14:36	LB137630
	Antimony	0.22	<1.25	U	0.63	2.50	P	10/23/2025	14:36	LB137630
	Arsenic	0.19	<0.5	U	0.80	1.00	P	10/23/2025	14:36	LB137630
	Barium	0.73	<2.5	U	1.25	5.00	P	10/23/2025	14:36	LB137630
	Beryllium	0.025	<0.15	U	0.075	0.30	P	10/23/2025	14:36	LB137630
	Cadmium	0.024	<0.15	U	0.075	0.30	P	10/23/2025	14:36	LB137630
	Calcium	11.1	<50	U	25.0	100	P	10/23/2025	14:36	LB137630
	Chromium	0.047	<0.25	U	0.13	0.50	P	10/23/2025	14:36	LB137630
	Cobalt	0.10	<0.75	U	0.38	1.50	P	10/23/2025	14:36	LB137630
	Copper	0.22	<0.5	U	0.80	1.00	P	10/23/2025	14:36	LB137630
	Iron	3.99	<2.5	U	4.00	5.00	P	10/23/2025	14:36	LB137630
	Lead	0.13	<0.3	U	0.48	0.60	P	10/23/2025	14:36	LB137630
	Magnesium	12.0	<50	U	25.0	100	P	10/23/2025	14:36	LB137630
	Manganese	0.14	<0.5	U	0.25	1.00	P	10/23/2025	14:36	LB137630
	Nickel	0.13	<1	U	0.50	2.00	P	10/23/2025	14:36	LB137630
	Potassium	46.7	<50	J	80.0	100	P	10/23/2025	14:36	LB137630
	Selenium	0.26	<0.5	U	0.80	1.00	P	10/23/2025	14:36	LB137630
	Silver	0.12	<0.25	U	0.25	0.50	P	10/23/2025	14:36	LB137630
	Sodium	33.0	<50	J	80.0	100	P	10/23/2025	14:36	LB137630
	Thallium	0.23	<1	U	1.00	2.00	P	10/23/2025	14:36	LB137630
	Vanadium	0.25	<1	U	1.00	2.00	P	10/23/2025	14:36	LB137630
	Zinc	0.23	<1	U	0.50	2.00	P	10/23/2025	14:36	LB137630

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Metals
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INTERFERENCE CHECK SAMPLE

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

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	231000	255000	91	216000	294000	10/21/2025	12:59	LB137613
	Antimony	-1.70			-50	50	10/21/2025	12:59	LB137613
	Arsenic	7.43			-20	20	10/21/2025	12:59	LB137613
	Barium	0.21	6.0	4	-94	106	10/21/2025	12:59	LB137613
	Beryllium	1.68			-6	6	10/21/2025	12:59	LB137613
	Cadmium	1.42	1.0	142	-5	7	10/21/2025	12:59	LB137613
	Calcium	219000	245000	89	208000	282000	10/21/2025	12:59	LB137613
	Chromium	43.7	52.0	84	42	62	10/21/2025	12:59	LB137613
	Cobalt	1.87			-30	30	10/21/2025	12:59	LB137613
	Copper	17.8	2.0	890	-18	22	10/21/2025	12:59	LB137613
	Iron	91400	101000	90	85600	116500	10/21/2025	12:59	LB137613
	Lead	-3.56			-12	12	10/21/2025	12:59	LB137613
	Magnesium	231000	255000	91	216000	294000	10/21/2025	12:59	LB137613
	Manganese	5.70	7.0	81	-13	27	10/21/2025	12:59	LB137613
	Nickel	3.80	2.0	190	-38	42	10/21/2025	12:59	LB137613
	Potassium	251			0	0	10/21/2025	12:59	LB137613
	Selenium	6.37			-20	20	10/21/2025	12:59	LB137613
	Silver	-2.89			-10	10	10/21/2025	12:59	LB137613
	Sodium	51.5			0	0	10/21/2025	12:59	LB137613
	Thallium	15.4			-40	40	10/21/2025	12:59	LB137613
	Vanadium	3.58			-40	40	10/21/2025	12:59	LB137613
	Zinc	3.44			-40	40	10/21/2025	12:59	LB137613
ICSAB01	Aluminum	242000	247000	98	209000	285000	10/21/2025	13:03	LB137613
	Antimony	578	618	94	525	711	10/21/2025	13:03	LB137613
	Arsenic	103	104	99	88.4	120	10/21/2025	13:03	LB137613
	Barium	471	537	88	437	637	10/21/2025	13:03	LB137613
	Beryllium	498	495	101	420	570	10/21/2025	13:03	LB137613
	Cadmium	974	972	100	826	1120	10/21/2025	13:03	LB137613
	Calcium	228000	235000	97	199000	271000	10/21/2025	13:03	LB137613
	Chromium	536	542	99	460	624	10/21/2025	13:03	LB137613
	Cobalt	490	476	103	404	548	10/21/2025	13:03	LB137613
	Copper	479	511	94	434	588	10/21/2025	13:03	LB137613
	Iron	97500	99300	98	84400	114500	10/21/2025	13:03	LB137613
	Lead	45.8	49.0	94	37	61	10/21/2025	13:03	LB137613
	Magnesium	242000	248000	98	210000	286000	10/21/2025	13:03	LB137613
	Manganese	469	507	92	430	584	10/21/2025	13:03	LB137613
	Nickel	973	954	102	810	1100	10/21/2025	13:03	LB137613
	Potassium	242			0	0	10/21/2025	13:03	LB137613
	Selenium	55.1	46.0	120	26	66	10/21/2025	13:03	LB137613
	Silver	203	201	101	170	232	10/21/2025	13:03	LB137613
	Sodium	95.7			0	0	10/21/2025	13:03	LB137613
	Thallium	110	108	102	68	148	10/21/2025	13:03	LB137613

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Metals
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INTERFERENCE CHECK SAMPLE

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

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	469	491	96	417	565	10/21/2025	13:03	LB137613
	Zinc	1020	952	107	809	1095	10/21/2025	13:03	LB137613
ICSA01	Aluminum	245000	255000	96	216000	294000	10/23/2025	13:28	LB137630
	Antimony	-3.70			-50	50	10/23/2025	13:28	LB137630
	Arsenic	8.83			-20	20	10/23/2025	13:28	LB137630
	Barium	2.45	6.0	41	-94	106	10/23/2025	13:28	LB137630
	Beryllium	1.83			-6	6	10/23/2025	13:28	LB137630
	Cadmium	-0.071	1.0	7	-5	7	10/23/2025	13:28	LB137630
	Calcium	236000	245000	96	208000	282000	10/23/2025	13:28	LB137630
	Chromium	48.5	52.0	93	42	62	10/23/2025	13:28	LB137630
	Cobalt	1.92			-30	30	10/23/2025	13:28	LB137630
	Copper	12.3	2.0	615	-18	22	10/23/2025	13:28	LB137630
	Iron	103000	101000	102	85600	116500	10/23/2025	13:28	LB137630
	Lead	-2.09			-12	12	10/23/2025	13:28	LB137630
	Magnesium	249000	255000	98	216000	294000	10/23/2025	13:28	LB137630
	Manganese	6.48	7.0	93	-13	27	10/23/2025	13:28	LB137630
	Nickel	3.96	2.0	198	-38	42	10/23/2025	13:28	LB137630
	Potassium	163			0	0	10/23/2025	13:28	LB137630
	Selenium	4.51			-20	20	10/23/2025	13:28	LB137630
	Silver	-2.45			-10	10	10/23/2025	13:28	LB137630
	Sodium	130			0	0	10/23/2025	13:28	LB137630
	Thallium	13.1			-40	40	10/23/2025	13:28	LB137630
	Vanadium	-0.28			-40	40	10/23/2025	13:28	LB137630
	Zinc	3.55			-40	40	10/23/2025	13:28	LB137630
ICSAB01	Aluminum	243000	247000	98	209000	285000	10/23/2025	13:39	LB137630
	Antimony	593	618	96	525	711	10/23/2025	13:39	LB137630
	Arsenic	107	104	103	88.4	120	10/23/2025	13:39	LB137630
	Barium	483	537	90	437	637	10/23/2025	13:39	LB137630
	Beryllium	511	495	103	420	570	10/23/2025	13:39	LB137630
	Cadmium	994	972	102	826	1120	10/23/2025	13:39	LB137630
	Calcium	233000	235000	99	199000	271000	10/23/2025	13:39	LB137630
	Chromium	550	542	102	460	624	10/23/2025	13:39	LB137630
	Cobalt	499	476	105	404	548	10/23/2025	13:39	LB137630
	Copper	485	511	95	434	588	10/23/2025	13:39	LB137630
	Iron	101000	99300	102	84400	114500	10/23/2025	13:39	LB137630
	Lead	46.0	49.0	94	37	61	10/23/2025	13:39	LB137630
	Magnesium	246000	248000	99	210000	286000	10/23/2025	13:39	LB137630
	Manganese	489	507	96	430	584	10/23/2025	13:39	LB137630
	Nickel	993	954	104	810	1100	10/23/2025	13:39	LB137630
	Potassium	-86.3			0	0	10/23/2025	13:39	LB137630
	Selenium	55.7	46.0	121	26	66	10/23/2025	13:39	LB137630
	Silver	206	201	102	170	232	10/23/2025	13:39	LB137630

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Metals
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INTERFERENCE CHECK SAMPLE

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

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	46.8			0	0	10/23/2025	13:39	LB137630
	Thallium	119	108	110	68	148	10/23/2025	13:39	LB137630
	Vanadium	479	491	98	417	565	10/23/2025	13:39	LB137630
	Zinc	1030	952	108	809	1095	10/23/2025	13:39	LB137630

METAL QC DATA

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metals
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MATRIX SPIKE SUMMARY

client: ICE Service Group, Inc. **level:** low **sdg no.:** Q3399

contract: ICES02 **lab code:** ACE

matrix: Solid **sample id:** Q3412-01 **client id:** TP-6MS

Percent Solids for Sample: 89.7 **Spiked ID:** Q3412-01MS **Percent Solids for Spike Sample:** 89.7

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	74 - 119	7390		6670		100	722		P
Antimony	mg/Kg	79 - 114	11.4		2.28	U	40.0	28	N	P
Arsenic	mg/Kg	82 - 111	31.6		3.15		40.0	71	N	P
Barium	mg/Kg	83 - 113	58.8		51.4		10.0	73		P
Beryllium	mg/Kg	83 - 113	8.07		1.04		10.0	70	N	P
Cadmium	mg/Kg	82 - 113	9.53		0.21	J	10.0	93		P
Calcium	mg/Kg	81 - 116	1730		1720		50.0	18		P
Chromium	mg/Kg	85 - 113	23.7		9.49		20.0	71	N	P
Cobalt	mg/Kg	85 - 112	17.6		8.76		10.0	88		P
Copper	mg/Kg	81 - 117	36.9		28.4		15.0	57	N	P
Iron	mg/Kg	81 - 118	14100		15300		150	-782		P
Lead	mg/Kg	81 - 112	79.8		67.0		50.0	26	N	P
Magnesium	mg/Kg	78 - 115	3560		3280		100	288		P
Manganese	mg/Kg	84 - 114	385		385		10.0	-1		P
Nickel	mg/Kg	83 - 113	40.8		18.2		25.0	91		P
Potassium	mg/Kg	81 - 116	1560		1110		500	90		P
Selenium	mg/Kg	78 - 111	67.1		0.91	U	100	67	N	P
Silver	mg/Kg	82 - 112	2.30		0.46	U	3.7	62	N	P
Sodium	mg/Kg	83 - 118	593		534		150	39	N	P
Thallium	mg/Kg	83 - 111	78.7		1.83	U	100	79	N	P
Vanadium	mg/Kg	82 - 114	27.8		17.3		15.0	70	N	P
Zinc	mg/Kg	82 - 113	51.0		43.1		10.0	79		P

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metals
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MATRIX SPIKE DUPLICATE SUMMARY

client: ICE Service Group, Inc. **level:** low **sdg no.:** Q3399

contract: ICES02 **lab code:** ACE

matrix: Solid **sample id:** Q3412-01 **client id:** TP-6MSD

Percent Solids for Sample: 89.7 **Spiked ID:** Q3412-01MSD **Percent Solids for Spike Sample:** 89.7

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	74 - 119	7480		6670		97.4	838		P
Antimony	mg/Kg	79 - 114	12.2		2.28	U	38.9	31	N	P
Arsenic	mg/Kg	82 - 111	31.8		3.15		38.9	74	N	P
Barium	mg/Kg	83 - 113	65.3		51.4		9.7	143		P
Beryllium	mg/Kg	83 - 113	8.23		1.04		9.7	74	N	P
Cadmium	mg/Kg	82 - 113	9.87		0.21	J	9.7	100		P
Calcium	mg/Kg	81 - 116	3150		1720		48.7	2930		P
Chromium	mg/Kg	85 - 113	24.3		9.49		19.5	76	N	P
Cobalt	mg/Kg	85 - 112	18.5		8.76		9.7	101		P
Copper	mg/Kg	81 - 117	42.0		28.4		14.6	93		P
Iron	mg/Kg	81 - 118	14700		15300		150	-420		P
Lead	mg/Kg	81 - 112	89.2		67.0		48.7	46	N	P
Magnesium	mg/Kg	78 - 115	3500		3280		97.4	233		P
Manganese	mg/Kg	84 - 114	428		385		9.7	443		P
Nickel	mg/Kg	83 - 113	42.3		18.2		24.3	99		P
Potassium	mg/Kg	81 - 116	1480		1110		490	75	N	P
Selenium	mg/Kg	78 - 111	66.6		0.91	U	97.4	68	N	P
Silver	mg/Kg	82 - 112	2.17		0.46	U	3.7	59	N	P
Sodium	mg/Kg	83 - 118	579		534		150	30	N	P
Thallium	mg/Kg	83 - 111	82.9		1.83	U	97.4	85		P
Vanadium	mg/Kg	82 - 114	28.6		17.3		14.6	77	N	P
Zinc	mg/Kg	82 - 113	52.1		43.1		9.7	93		P

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metals
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MATRIX SPIKE SUMMARY

client: ICE Service Group, Inc. **level:** low **sdg no.:** Q3399

contract: ICES02 **lab code:** ACE

matrix: Solid **sample id:** Q3419-01 **client id:** PR-132-S16-015094-20251021MS

Percent Solids for Sample: 54.4 **Spiked ID:** Q3419-02 **Percent Solids for Spike Sample:** 54.4

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 124	2.53	D	2.62	D	0.43	-20		CV

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metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: ICE Service Group, Inc. **level:** low **sdg no.:** Q3399

contract: ICES02 **lab code:** ACE

matrix: Solid **sample id:** Q3419-01 **client id:** PR-132-S16-015094-20251021MSD

Percent Solids for Sample: 54.4 **Spiked ID:** Q3419-03 **Percent Solids for Spike Sample:** 54.4

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 124	2.62	D	2.62	D	0.48	0		CV

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Metals
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POST DIGEST SPIKE SUMMARY

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Matrix: Solid **Level:** LOW **Client ID:** TP-6A

Sample ID: Q3412-01 **Spiked ID:** Q3412-01A

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Antimony	mg/Kg	79 - 114	27.9		2.28	U	36.6	76	N	P
Arsenic	mg/Kg	82 - 111	32.1		3.15		36.6	79	N	P
Beryllium	mg/Kg	83 - 113	8.31		1.04		9.10	80	N	P
Chromium	mg/Kg	85 - 113	23.6		9.49		18.3	77	N	P
Copper	mg/Kg	81 - 117	38.2		28.4		13.7	71	N	P
Lead	mg/Kg	81 - 112	102		67.0		45.7	78	N	P
Potassium	mg/Kg	81 - 116	1350		1110		460	52	N	P
Selenium	mg/Kg	78 - 111	71.7		0.91	U	91.4	78		P
Silver	mg/Kg	82 - 112	2.18		0.46	U	3.40	64	N	P
Sodium	mg/Kg	83 - 118	508		534		140	-19	N	P
Thallium	mg/Kg	83 - 111	78.0		1.83	U	91.4	85		P
Vanadium	mg/Kg	82 - 114	27.8		17.3		13.7	76	N	P

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Metals

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DUPLICATE SAMPLE SUMMARY

Client: ICE Service Group, Inc. **Level:** LOW **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Matrix: Solid **Sample ID:** Q3412-01 **Client ID:** TP-6DUP

Percent Solids for Sample: 89.7 **Duplicate ID** Q3412-01DUP **Percent Solids for Spike Sample:** 89.7

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	mg/Kg	20	6670		7260		8		P
Antimony	mg/Kg	20	2.28	U	2.51	U			P
Arsenic	mg/Kg	20	3.15		3.54		12		P
Barium	mg/Kg	20	51.4		55.8		8		P
Beryllium	mg/Kg	20	1.04		1.13		8		P
Cadmium	mg/Kg	20	0.21	J	0.23	J	10		P
Calcium	mg/Kg	20	1720		1880		9		P
Chromium	mg/Kg	20	9.49		10.5		10		P
Cobalt	mg/Kg	20	8.76		9.67		10		P
Copper	mg/Kg	20	28.4		31.3		10		P
Iron	mg/Kg	20	15300		16700		9		P
Lead	mg/Kg	20	67.0		73.1		9		P
Magnesium	mg/Kg	20	3280		3560		8		P
Manganese	mg/Kg	20	385		418		8		P
Nickel	mg/Kg	20	18.2		20.0		9		P
Potassium	mg/Kg	20	1110		1200		8		P
Selenium	mg/Kg	20	0.91	U	1.00	U			P
Silver	mg/Kg	20	0.46	U	0.50	U			P
Sodium	mg/Kg	20	534		525		2		P
Thallium	mg/Kg	20	1.83	U	2.01	U			P
Vanadium	mg/Kg	20	17.3		19.0		9		P
Zinc	mg/Kg	20	43.1		47.2		9		P

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

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Metals

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DUPLICATE SAMPLE SUMMARY

Client: ICE Service Group, Inc. **Level:** LOW **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Matrix: Solid **Sample ID:** Q3412-01MS **Client ID:** TP-6MSD

Percent Solids for Sample: 89.7 **Duplicate ID** Q3412-01MSD **Percent Solids for Spike Sample:** 89.7

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	mg/Kg	20	7390		7480		1		P
Antimony	mg/Kg	20	11.4		12.2		7		P
Arsenic	mg/Kg	20	31.6		31.8		1		P
Barium	mg/Kg	20	58.8		65.3		10		P
Beryllium	mg/Kg	20	8.07		8.23		2		P
Cadmium	mg/Kg	20	9.53		9.87		4		P
Calcium	mg/Kg	20	1730		3150		58	*	P
Chromium	mg/Kg	20	23.7		24.3		3		P
Cobalt	mg/Kg	20	17.6		18.5		5		P
Copper	mg/Kg	20	36.9		42.0		13		P
Iron	mg/Kg	20	14100		14700		4		P
Lead	mg/Kg	20	79.8		89.2		11		P
Magnesium	mg/Kg	20	3560		3500		2		P
Manganese	mg/Kg	20	385		428		11		P
Nickel	mg/Kg	20	40.8		42.3		4		P
Potassium	mg/Kg	20	1560		1480		5		P
Selenium	mg/Kg	20	67.1		66.6		1		P
Silver	mg/Kg	20	2.30		2.17		6		P
Sodium	mg/Kg	20	593		579		2		P
Thallium	mg/Kg	20	78.7		82.9		5		P
Vanadium	mg/Kg	20	27.8		28.6		3		P
Zinc	mg/Kg	20	51.0		52.1		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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Metals

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DUPLICATE SAMPLE SUMMARY

Client: ICE Service Group, Inc. **Level:** LOW **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Matrix: Solid **Sample ID:** Q3419-01 **Client ID:** PR-132-S16-015094-20251021DUP

Percent Solids for Sample: 54.4 **Duplicate ID** Q3419-01DUP **Percent Solids for Spike Sample:** 54.4

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	mg/Kg	20	2.62	D	1.92	D	31	*	CV

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

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Metals

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DUPLICATE SAMPLE SUMMARY

Client: ICE Service Group, Inc. **Level:** LOW **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Matrix: Solid **Sample ID:** Q3419-02 **Client ID:** PR-132-S16-015094-20251021MSD

Percent Solids for Sample: 54.4 **Duplicate ID** Q3419-03 **Percent Solids for Spike Sample:** 54.4

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	mg/Kg	20	2.53	D	2.62	D	3		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: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB170190BS							
Aluminum	mg/Kg	100	91.8		92	74 - 119	P
Antimony	mg/Kg	40.0	36.5		91	79 - 114	P
Arsenic	mg/Kg	40.0	35.8		90	82 - 111	P
Barium	mg/Kg	10.0	9.00		90	83 - 113	P
Beryllium	mg/Kg	10.0	9.68		97	83 - 113	P
Cadmium	mg/Kg	10.0	8.59		86	82 - 113	P
Calcium	mg/Kg	50.0	47.0	J	94	81 - 116	P
Chromium	mg/Kg	20.0	18.4		92	85 - 113	P
Cobalt	mg/Kg	10.0	8.79		88	85 - 112	P
Copper	mg/Kg	15.0	14.1		94	81 - 117	P
Iron	mg/Kg	150	133		89	81 - 118	P
Lead	mg/Kg	50.0	42.9		86	81 - 112	P
Magnesium	mg/Kg	100	92.5	J	92	78 - 115	P
Manganese	mg/Kg	10.0	9.46		95	84 - 114	P
Nickel	mg/Kg	25.0	22.0		88	83 - 113	P
Potassium	mg/Kg	500	468		94	81 - 116	P
Selenium	mg/Kg	100	90.1		90	78 - 111	P
Silver	mg/Kg	3.8	3.28		86	82 - 112	P
Sodium	mg/Kg	150	157		105	83 - 118	P
Thallium	mg/Kg	100	88.1		88	83 - 111	P
Vanadium	mg/Kg	15.0	13.7		91	82 - 114	P
Zinc	mg/Kg	10.0	9.26		93	82 - 113	P

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LABORATORY CONTROL SAMPLE SUMMARY

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB170230BS							
Mercury	mg/Kg	0.28	0.26		91	80 - 124	CV

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Metals

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ICP SERIAL DILUTIONS

SAMPLE NO.

TP-6L

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **Lb No.:** lb137630 **Lab Sample ID :** Q3412-01L **SDG No.:** Q3399

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	6670		7280		9		P
Antimony	2.28	U	11.4	U			P
Arsenic	3.15		3.40	J	8		P
Barium	51.4		57.9		13		P
Beryllium	1.04		1.16	J	12		P
Cadmium	0.21	J	1.37	U	100.0		P
Calcium	1720		1960		14		P
Chromium	9.49		11.1		17		P
Cobalt	8.76		7.93		9		P
Copper	28.4		33.8		19		P
Iron	15300		16300		6		P
Lead	67.0		56.2		16		P
Magnesium	3280		3610		10		P
Manganese	385		443		15		P
Nickel	18.2		16.4		10		P
Potassium	1110		1200		8		P
Selenium	0.91	U	4.57	U			P
Silver	0.46	U	2.28	U			P
Sodium	534		561		5		P
Thallium	1.83	U	1.07	J	100.0		P
Vanadium	17.3		19.4		12		P
Zinc	43.1		48.0		11		P

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Metals

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ICP SERIAL DILUTIONS

SAMPLE NO.

PR-132-S16-015094-20251021L

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **Lb No.:** lb137626 **Lab Sample ID :** Q3419-01L **SDG No.:** Q3399

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

Concentration Units: mg/Kg

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	M
Mercury	2.13	OR	2.26		6		CV

METAL PREPARATION & INSTRUMENT DATA

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Metals
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ICP INTERELEMENT CORRECTION FACTORS

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

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

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Metals
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ICP INTERELEMENT CORRECTION FACTORS

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

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

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Metals
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ICP INTERELEMENT CORRECTION FACTORS

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

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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Metals
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ICP INTERELEMENT CORRECTION FACTORS

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

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: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

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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Metals
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SAMPLE PREPARATION SUMMARY

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE **Method:**

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(g)	Final Sample Volume (mL)	Percent Solids
Batch Number:	**PB170190**						
PB170190BL	PB170190BL	MB	SOLID	10/21/2025	2.00	100.0	100.00
PB170190BS	PB170190BS	LCS	SOLID	10/21/2025	2.00	100.0	100.00
Q3399-01	COMP-ROLLOFF	SAM	SOLID	10/21/2025	2.41	100.0	89.90
Q3412-01DUP	TP-6DUP	DUP	SOLID	10/21/2025	2.22	100.0	89.70
Q3412-01MS	TP-6MS	MS	SOLID	10/21/2025	2.23	100.0	89.70
Q3412-01MSD	TP-6MSD	MSD	SOLID	10/21/2025	2.29	100.0	89.70

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Metals
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SAMPLE PREPARATION SUMMARY

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE **Method:**

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(g)	Final Sample Volume (mL)	Percent Solids
Batch Number:	**PB170230**						
PB170230BL	PB170230BL	MB	SOLID	10/23/2025	0.50	35.0	100.00
PB170230BS	PB170230BS	LCS	SOLID	10/23/2025	0.50	35.0	100.00
Q3399-01	COMP-ROLLOFF	SAM	SOLID	10/23/2025	0.59	35.0	89.90
Q3419-01DUP	PR-132-S16-015094-20251021DUP	DUP	SOLID	10/23/2025	0.55	35.0	54.40
Q3419-02	PR-132-S16-015094-20251021MS	MS	SOLID	10/23/2025	0.60	35.0	54.40
Q3419-03	PR-132-S16-015094-20251021MSD	MSD	SOLID	10/23/2025	0.54	35.0	54.40

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ANALYSIS RUN LOG

Client: ICE Service Group, Inc. **Contract:** ICES02

Lab code: ACE **Sdg no.:** Q3399

Instrument id number: **Method:** **Run number:** LB137613

Start date: 10/21/2025 **End date:** 10/21/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1203	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	1208	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	1212	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	1216	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	1221	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	1225	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	1240	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	1244	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	1250	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	1254	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	1259	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	1303	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	1345	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	1354	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	1503	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	1507	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	1556	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	1600	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	1648	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	1652	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	1737	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	1741	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	1827	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	1831	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3399-01	COMP-ROLLOFF	1	1901	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	1918	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	1922	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	2003	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	2007	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: ICE Service Group, Inc. **Contract:** ICES02

Lab code: ACE **Sdg no.:** Q3399

Instrument id number: **Method:** **Run number:** LB137626

Start date: 10/23/2025 **End date:** 10/23/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1331	HG
S0.2	S0.2	1	1334	HG
S2.5	S2.5	1	1336	HG
S5	S5	1	1339	HG
S7.5	S7.5	1	1341	HG
S10	S10	1	1347	HG
ICV85	ICV85	1	1351	HG
ICB85	ICB85	1	1357	HG
CCV79	CCV79	1	1401	HG
CCB79	CCB79	1	1405	HG
CRA	CRA	1	1407	HG
PB170230BL	PB170230BL	1	1415	HG
PB170230BS	PB170230BS	1	1420	HG
Q3399-01	COMP-ROLLOFF	1	1422	HG
CCV80	CCV80	1	1435	HG
CCB80	CCB80	1	1438	HG
CCV81	CCV81	1	1509	HG
CCB81	CCB81	1	1511	HG
Q3419-01L	PR-132-S16-015094-20251021L	5	1521	HG
CCV82	CCV82	1	1529	HG
CCB82	CCB82	1	1532	HG
Q3419-01DUP	PR-132-S16-015094-20251021D	10	1537	HG
Q3419-02	PR-132-S16-015094-20251021M	10	1539	HG
Q3419-03	PR-132-S16-015094-20251021M	10	1542	HG
CCV83	CCV83	1	1559	HG
CCB83	CCB83	1	1602	HG
CCV84	CCV84	1	1614	HG
CCB84	CCB84	1	1616	HG

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ANALYSIS RUN LOG

Client: ICE Service Group, Inc. **Contract:** ICES02

Lab code: ACE **Sdg no.:** Q3399

Instrument id number: **Method:** **Run number:** LB137630

Start date: 10/23/2025 **End date:** 10/23/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1240	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	1245	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	1249	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	1253	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	1257	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	1301	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	1305	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	1314	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	1320	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	1324	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	1328	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	1339	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	1352	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	1357	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB170190BS	PB170190BS	1	1423	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB170190BL	PB170190BL	1	1436	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	1504	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	1508	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	1556	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	1611	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	1643	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	1647	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	1721	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	1725	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3412-01DUP	TP-6DUP	1	1807	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	1811	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	1815	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3412-01L	TP-6L	5	1819	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3412-01MS	TP-6MS	1	1823	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3412-01MSD	TP-6MSD	1	1827	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3412-01A	TP-6A	1	1831	Ag,As,Be,Cr,Cu,K,Na,Pb,Sb,Se,Tl,V
CCV07	CCV07	1	1859	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	1904	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	1948	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	1952	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV09	CCV09	1	2039	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB09	CCB09	1	2043	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV10	CCV10	1	2130	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB10	CCB10	1	2134	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV11	CCV11	1	2220	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB11	CCB11	1	2224	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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metals
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ANALYSIS RUN LOG

Client: ICE Service Group, Inc. **Contract:** ICES02

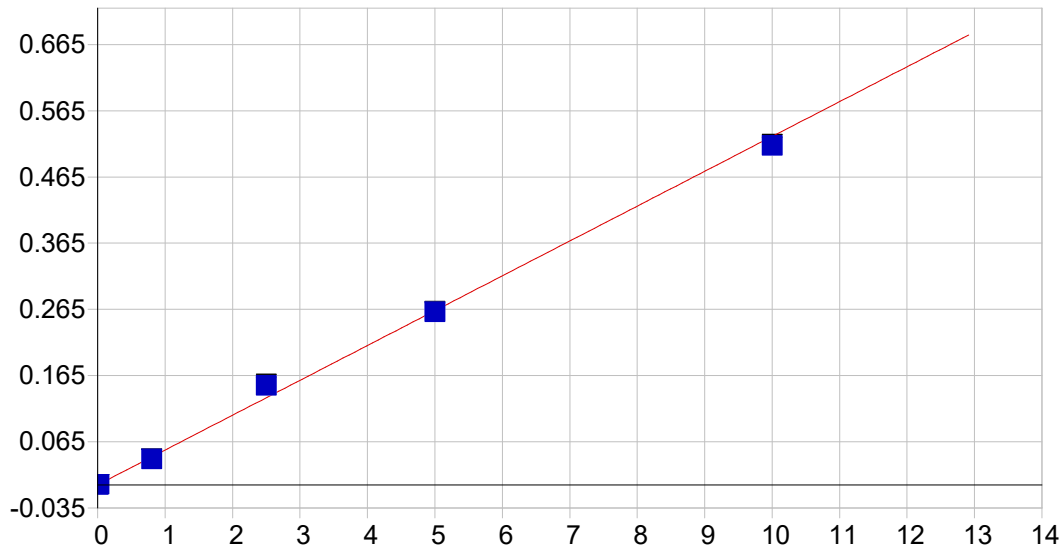
Lab code: ACE **Sdg no.:** Q3399

Instrument id number: **Method:** **Run number:** LB137630

Start date: 10/23/2025 **End date:** 10/23/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
CCV12	CCV12	1	2233	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB12	CCB12	1	2237	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

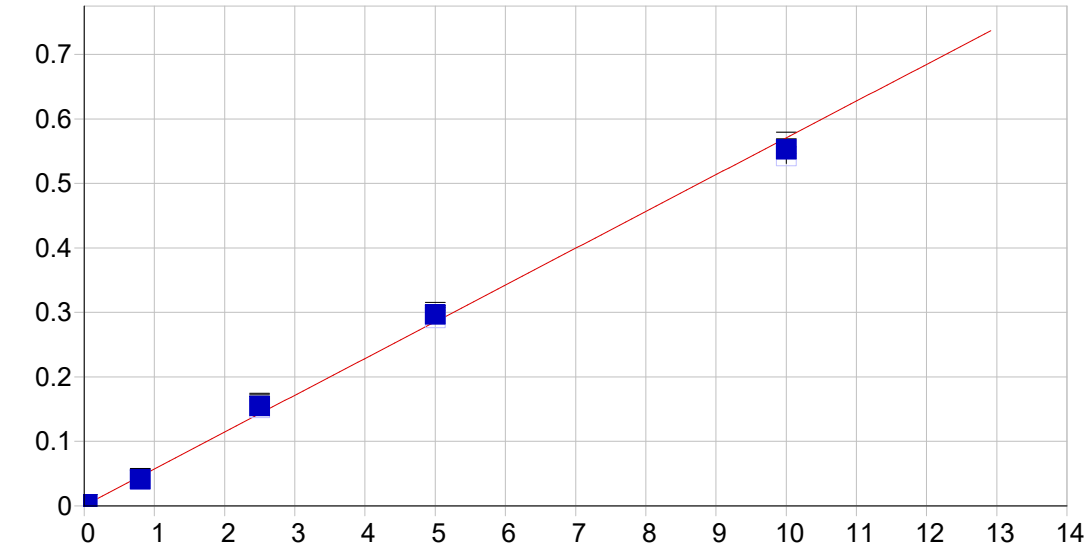


As 189.042 {479}

Date of Fit:	10/21/2025 15:13:29	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000088	Re-Slope:	1.000000
A1 (Gain):	0.052627	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998335	Status:	OK.
Std Error of Est:	0.000071		
Predicted MDL:	0.002145		
Predicted MQL:	0.007152		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00009	.000	1
S1	.02000	.02042	.000	2.10	.00098	.000	1
S3	2.5000	2.8533	.353	14.1	.14994	.002	1
S4	5.0000	4.9637	-.036	-.725	.26087	.001	1
S5	10.000	9.7393	-.261	-2.61	.51192	.002	1
S2	.80000	.74323	-.057	-7.10	.03898	.000	1

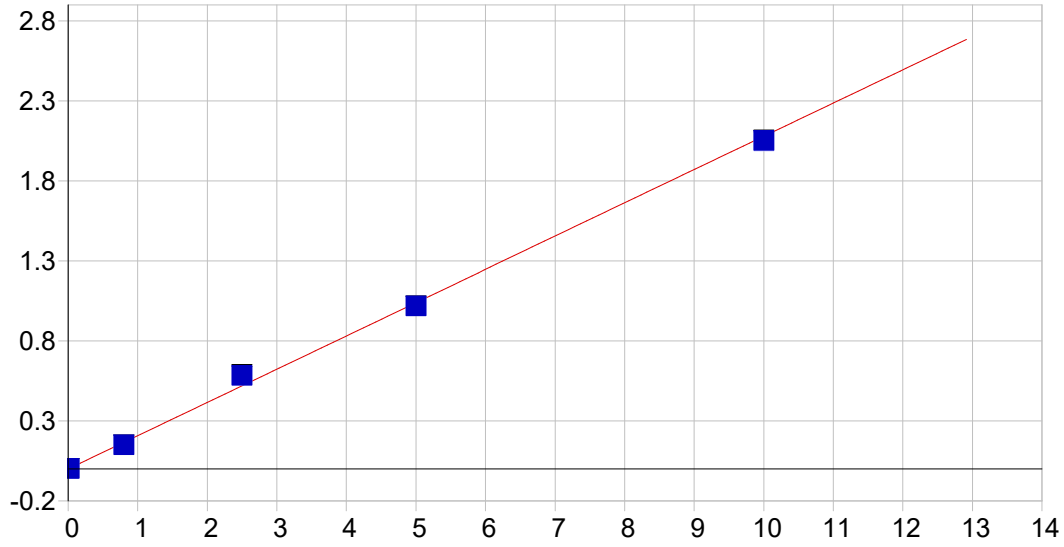


Tl 190.856 {477}

Date of Fit:	10/21/2025 15:13:29	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000451	Re-Slope:	1.000000
A1 (Gain):	0.057010	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998798	Status:	OK.
Std Error of Est:	0.000091		
Predicted MDL:	0.002677		
Predicted MQL:	0.008923		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00045	.000	1
S1	.04000	.04021	.000	.517	.00260	.000	1
S3	2.5000	2.7035	.204	8.14	.15198	.005	1
S4	5.0000	5.1929	.193	3.86	.29130	.004	1
S5	10.000	9.6872	-.313	-3.13	.54232	.011	1
S2	.80000	.71624	-.084	-10.5	.04045	.001	1

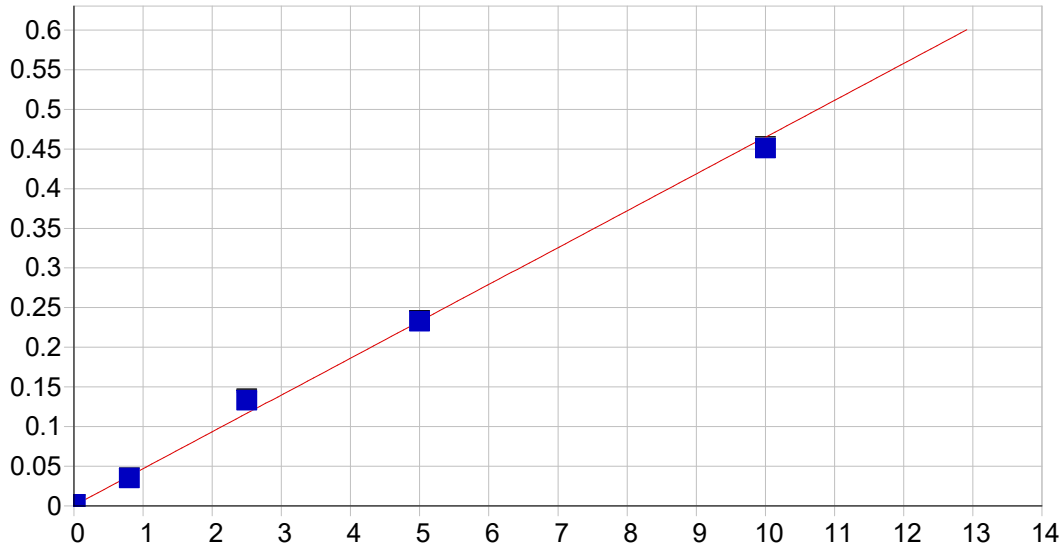


Pb 220.353 {453}

Date of Fit:	10/21/2025 15:13:29	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000012	Re-Slope:	1.000000
A1 (Gain):	0.207858	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998651	Status:	OK.
Std Error of Est:	0.000196		
Predicted MDL:	0.001241		
Predicted MQL:	0.004138		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00001	.000	1
S1	.01200	.01102	-.001	-8.20	.00225	.000	1
S3	2.5000	2.8100	.310	12.4	.58352	.006	1
S4	5.0000	4.8989	-.101	-2.02	1.0171	.002	1
S5	10.000	9.8673	-.133	-1.33	2.0487	.004	1
S2	.80000	.72476	-.075	-9.40	.15048	.000	1

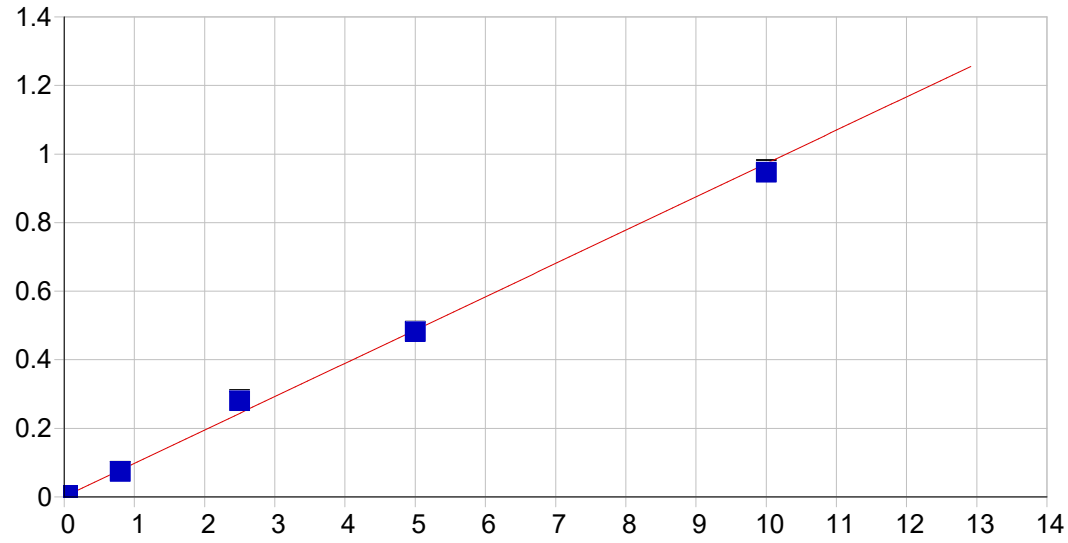


Se 196.090 {472}

Date of Fit:	10/21/2025 15:13:29	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000516	Re-Slope:	1.000000
A1 (Gain):	0.046441	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998288	Status:	OK.
Std Error of Est:	0.000064		
Predicted MDL:	0.003014		
Predicted MQL:	0.010048		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00052	.000	1
S1	.02000	.02033	.000	1.65	.00146	.000	1
S3	2.5000	2.8540	.354	14.2	.13303	.002	1
S4	5.0000	4.9981	-.002	-.038	.23257	.001	1
S5	10.000	9.7037	-.296	-2.96	.45104	.002	1
S2	.80000	.74383	-.056	-7.02	.03505	.000	1

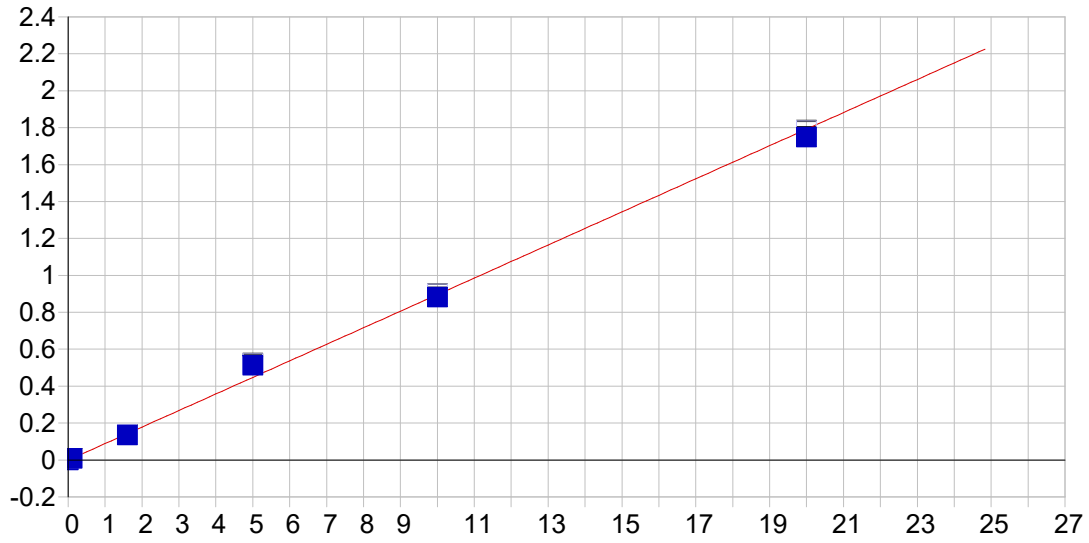


Sb 206.833 {463}

Date of Fit:	10/21/2025 15:13:29	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000833	Re-Slope:	1.000000
A1 (Gain):	0.097147	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998211	Status:	OK.
Std Error of Est:	0.000216		
Predicted MDL:	0.001841		
Predicted MQL:	0.006138		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00083	.000	1
S1	.05000	.04936	-.001	-1.28	.00564	.000	1
S3	2.5000	2.8724	.372	14.9	.28054	.003	1
S4	5.0000	4.9463	-.054	-1.07	.48267	.000	1
S5	10.000	9.7293	-.271	-2.71	.94865	.006	1
S2	.80000	.75257	-.047	-5.93	.07415	.000	1

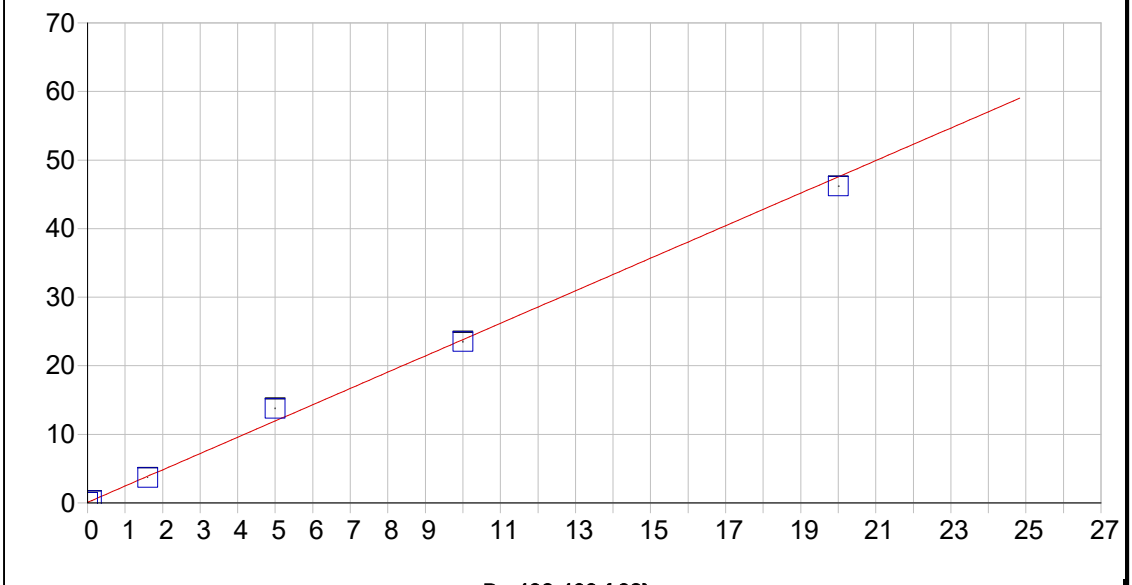


Al 396.152 { 85}

Date of Fit:	10/21/2025 15:13:29	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000979	Re-Slope:	1.000000
A1 (Gain):	0.089656	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998379	Status:	OK.
Std Error of Est:	0.000386		
Predicted MDL:	0.011865		
Predicted MQL:	0.039549		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00098	.000	1
S1	.10000	.10232	.002	2.32	.00889	.001	1
S3	5.0000	5.7244	.724	14.5	.52095	.004	1
S4	10.000	9.8462	-.154	-1.54	.89919	.001	1
S5	20.000	19.515	-.485	-2.43	1.7834	.003	1
S2	1.6000	1.5123	-.088	-5.48	.13739	.001	1

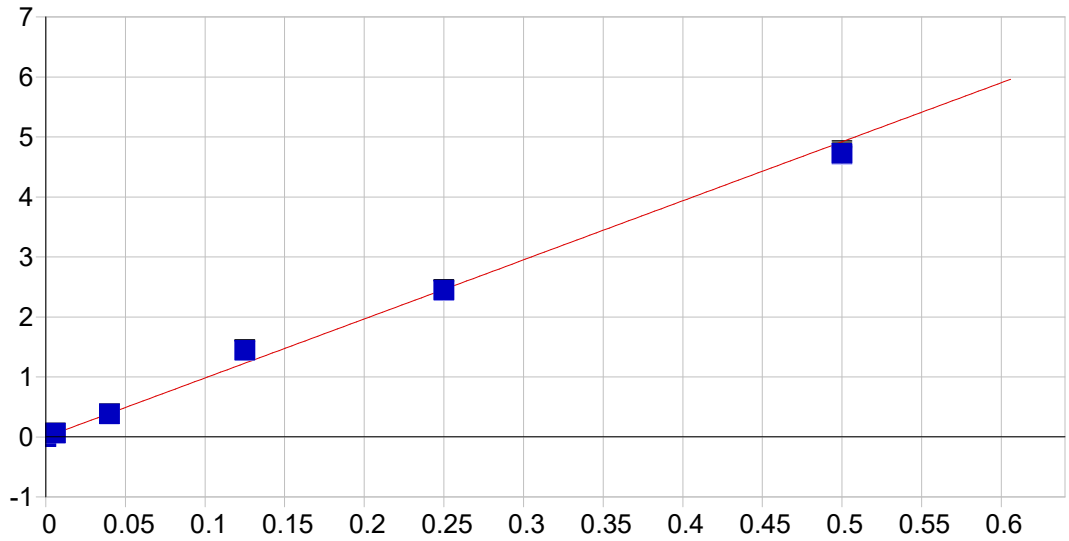


Ba 493.409 { 68}

Date of Fit:	10/21/2025 15:13:29	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.082359	Re-Slope:	1.000000
A1 (Gain):	2.373300	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998078	Status:	OK.
Std Error of Est:	0.010926		
Predicted MDL:	0.001264		
Predicted MQL:	0.004213		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.08234	.001	1
S1	.10000	.10008	.000	.078	.31987	.003	1
S3	5.0000	5.7748	.775	15.5	13.788	.084	1
S4	10.000	9.8692	-.131	-1.31	23.505	.094	1
S5	20.000	19.431	-.569	-2.85	46.197	.006	1
S2	1.6000	1.5254	-.075	-4.66	3.7026	.016	1

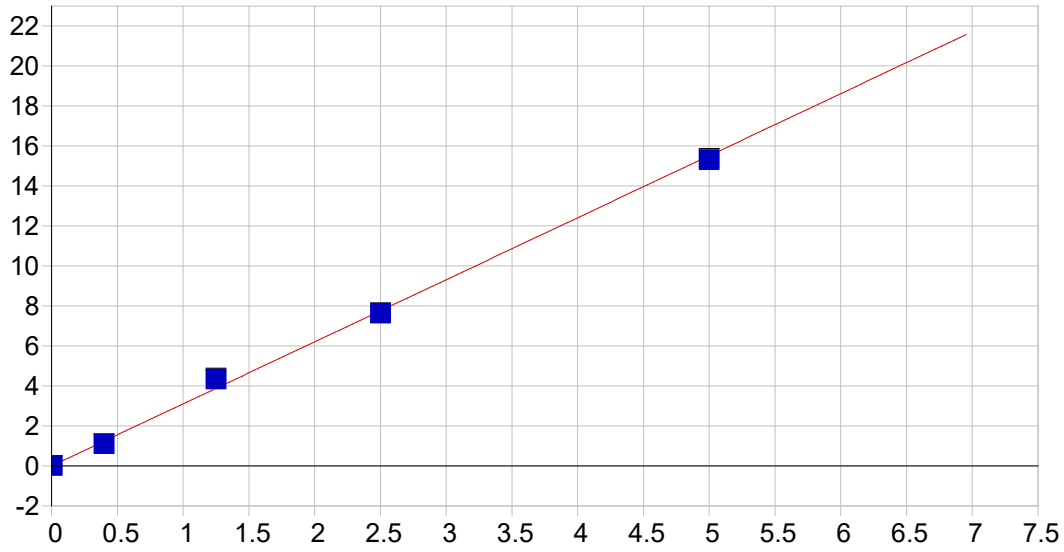


Be 234.861 {144}

Date of Fit:	10/21/2025 15:13:29	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.002241	Re-Slope:	1.000000
A1 (Gain):	9.843541	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.997446	Status:	OK.
Std Error of Est:	0.002019		
Predicted MDL:	0.000067		
Predicted MQL:	0.000222		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00225	.000	1
S1	.00600	.00629	.000	4.81	.05922	.001	1
S3	.12500	.14691	.022	17.5	1.4384	.011	1
S4	.25000	.24875	-.001	-.500	2.4353	.010	1
S5	.50000	.48014	-.020	-3.97	4.7020	.047	1
S2	.04000	.03891	-.001	-2.72	.37903	.003	1

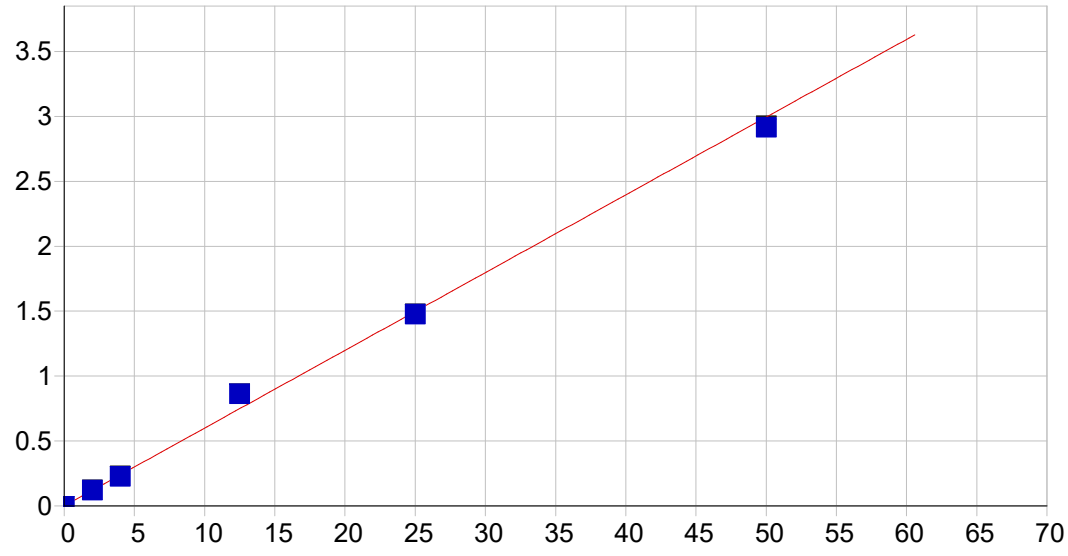


Cd 226.502 {449}

Date of Fit:	10/21/2025 15:13:29	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000008	Re-Slope:	1.000000
A1 (Gain):	3.103656	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998679	Status:	OK.
Std Error of Est:	0.001450		
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	-.00001	.000	1
S1	.00600	.00544	-.001	-9.30	.01694	.000	1
S3	1.2500	1.3981	.148	11.9	4.3418	.051	1
S4	2.5000	2.4604	-.040	-1.58	7.6414	.016	1
S5	5.0000	4.9379	-.062	-1.24	15.336	.038	1
S2	.40000	.35412	-.046	-11.5	1.0999	.002	1

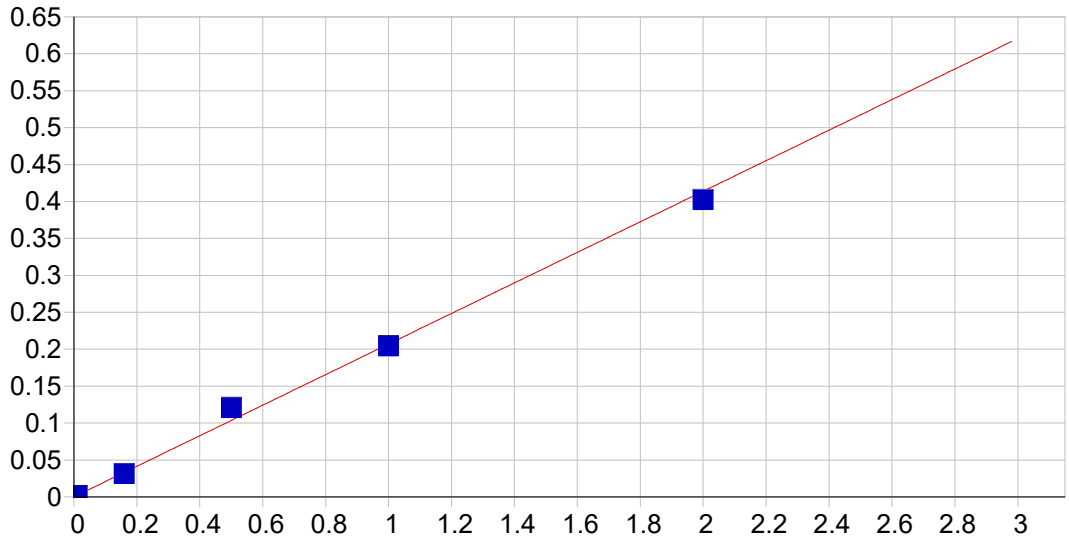


Ca 373.690 { 90}

Date of Fit:	10/21/2025 15:13:29	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000651	Re-Slope:	1.000000
A1 (Gain):	0.059875	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998202	Status:	OK.
Std Error of Est:	0.001902		
Predicted MDL:	0.013963		
Predicted MQL:	0.046543		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00012	-.000	.000	.00064	.000	1
S2	4.0000	3.7840	-.216	-5.40	.22722	.001	1
S3	12.500	14.388	1.89	15.1	.86215	.004	1
S4	25.000	24.646	-.354	-1.42	1.4763	.001	1
S5	50.000	48.675	-1.32	-2.65	2.9151	.011	1
S1	2.0000	2.0062	.006	.312	.12077	.001	1

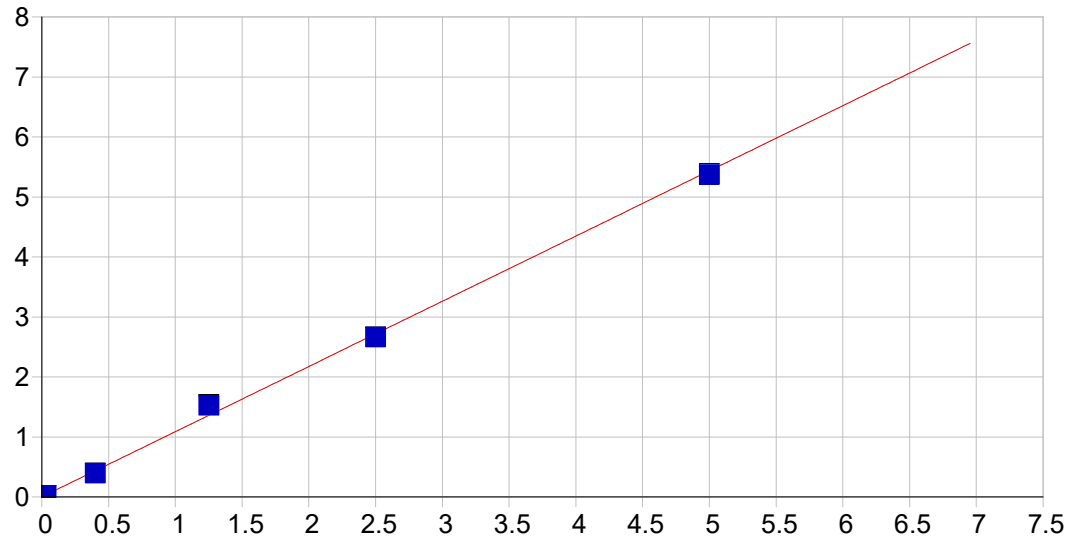


Cr 267.716 {126}

Date of Fit:	10/21/2025 15:13:29	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000131	Re-Slope:	1.000000
A1 (Gain):	0.206896	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.997837	Status:	OK.
Std Error of Est:	0.000101		
Predicted MDL:	0.000332		
Predicted MQL:	0.001107		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00013	.000	1
S1	.01000	.00959	-.000	-4.09	.00212	.000	1
S3	.50000	.58208	.082	16.4	.12065	.001	1
S4	1.0000	.98517	-.015	-1.48	.20413	.001	1
S5	2.0000	1.9431	-.057	-2.84	.40249	.000	1
S2	.16000	.15003	-.010	-6.23	.03120	.000	1

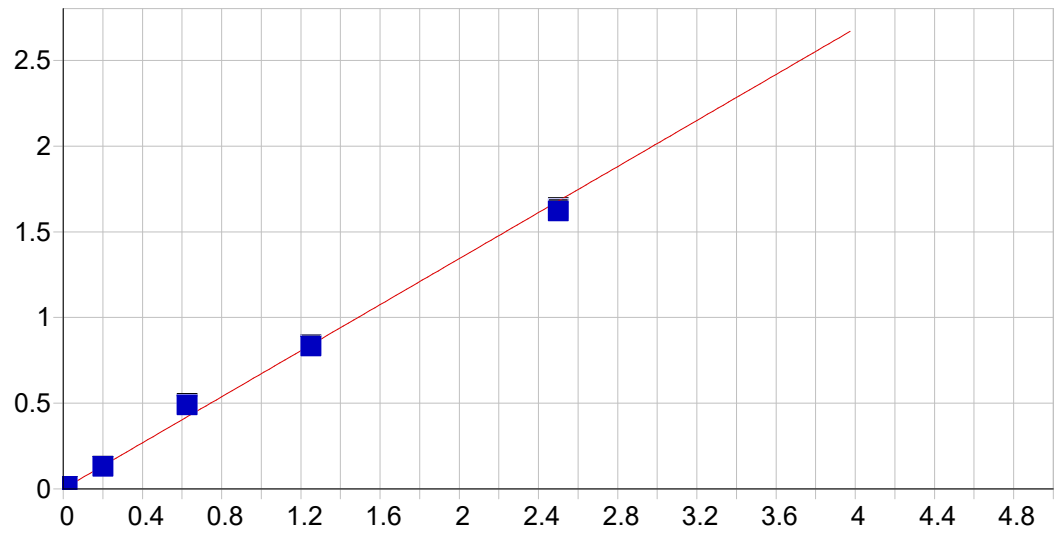


Co 228.616 {448}

Date of Fit:	10/21/2025 15:13:29	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000180	Re-Slope:	1.000000
A1 (Gain):	1.086896	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998688	Status:	OK.
Std Error of Est:	0.001134		
Predicted MDL:	0.000178		
Predicted MQL:	0.000595		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00018	.000	1
S1	.03000	.02807	-.002	-6.45	.03055	.000	1
S3	1.2500	1.4020	.152	12.2	1.5264	.016	1
S4	2.5000	2.4496	-.050	-2.02	2.6672	.005	1
S5	5.0000	4.9395	-.061	-1.21	5.3781	.015	1
S2	.40000	.36080	-.039	-9.80	.39307	.001	1

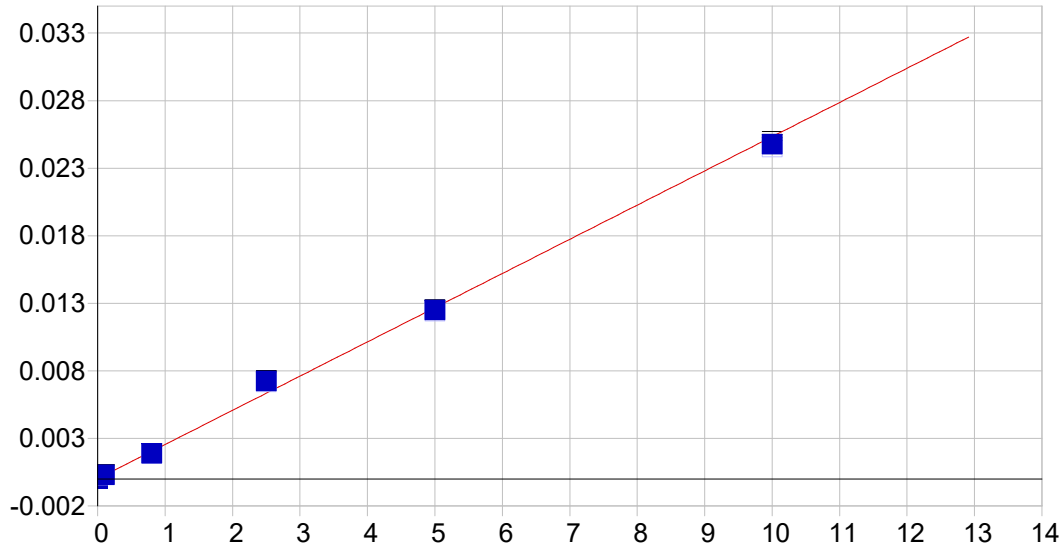


Cu 224.700 {450}

Date of Fit:	10/21/2025 15:13:29	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000576	Re-Slope:	1.000000
A1 (Gain):	0.671558	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.997835	Status:	OK.
Std Error of Est:	0.000524		
Predicted MDL:	0.000404		
Predicted MQL:	0.001347		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00057	.000	1
S1	.02000	.02095	.001	4.73	.01479	.000	1
S3	.62500	.72782	.103	16.5	.49285	.005	1
S4	1.2500	1.2398	-.010	-.819	.84014	.001	1
S5	2.5000	2.4125	-.088	-3.50	1.6347	.007	1
S2	.20000	.19398	-.006	-3.01	.13197	.000	1

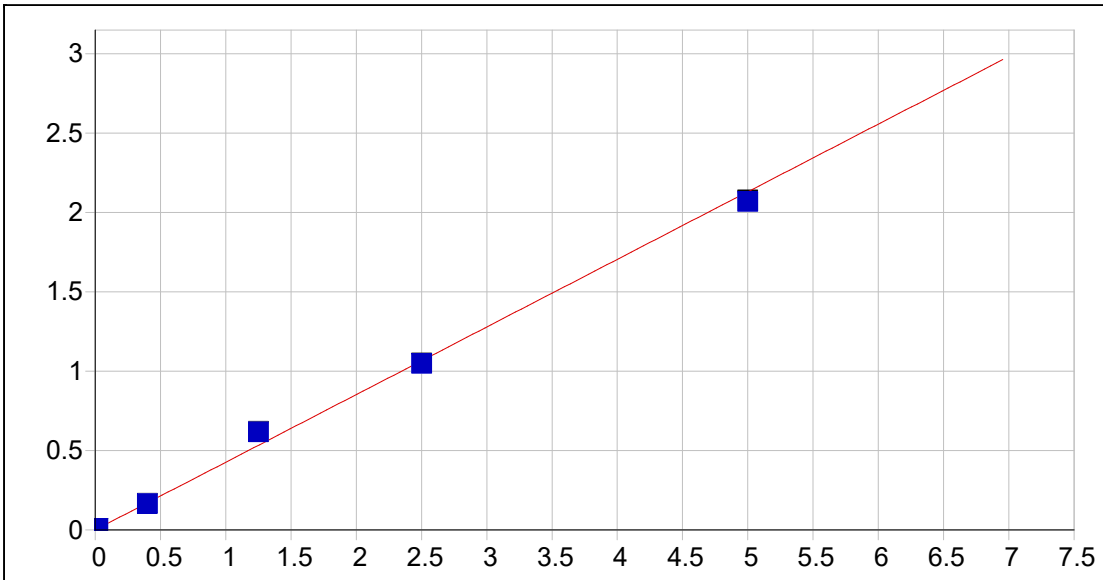


Fe 240.488 {140}

Date of Fit:	10/21/2025 15:13:29	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000014	Re-Slope:	1.000000
A1 (Gain):	0.002532	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998313	Status:	OK.
Std Error of Est:	0.000008		
Predicted MDL:	0.008547		
Predicted MQL:	0.028489		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00001	.000	1
S1	.10000	.10823	.008	8.23	.00028	.000	1
S3	2.5000	2.8508	.351	14.0	.00718	.000	1
S4	5.0000	4.9315	-.069	-1.37	.01239	.000	1
S5	10.000	9.7743	-.226	-2.26	.02454	.000	1
S2	.80000	.73519	-.065	-8.10	.00186	.000	1

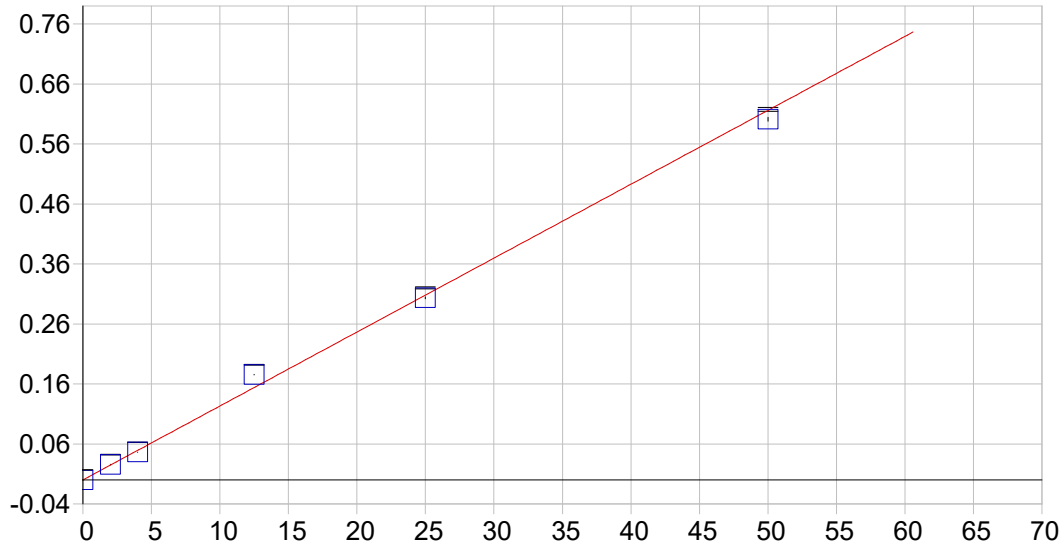


Mn 257.610 {131}

Date of Fit:	10/21/2025 15:13:29	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000368	Re-Slope:	1.000000
A1 (Gain):	0.426147	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998047	Status:	OK.
Std Error of Est:	0.000442		
Predicted MDL:	0.000716		
Predicted MQL:	0.002388		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00037	.000	1
S1	.02000	.02095	.001	4.77	.00930	.000	1
S3	1.2500	1.4460	.196	15.7	.61667	.005	1
S4	2.5000	2.4585	-.042	-1.66	1.0482	.002	1
S5	5.0000	4.8553	-.145	-2.89	2.0698	.008	1
S2	.40000	.38936	-.011	-2.66	.16633	.000	1

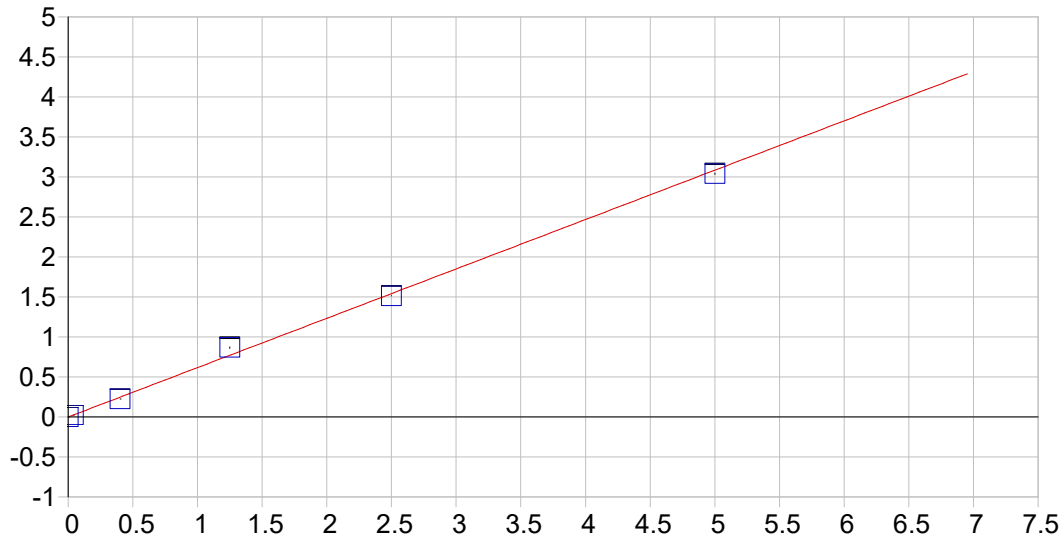


Mg 279.079 {121}

Date of Fit:	10/21/2025 15:13:29	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000019	Re-Slope:	1.000000
A1 (Gain):	0.012321	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998436	Status:	OK.
Std Error of Est:	0.000365		
Predicted MDL:	0.031851		
Predicted MQL:	0.106171		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00016	-.000	.000	.00002	.000	1
S2	4.0000	3.7580	-.242	-6.05	.04632	.000	1
S3	12.500	14.234	1.73	13.9	.17539	.001	1
S4	25.000	24.635	-.365	-1.46	.30354	.001	1
S5	50.000	48.792	-1.21	-2.42	.60118	.003	1
S1	2.0000	2.0823	.082	4.12	.02568	.000	1

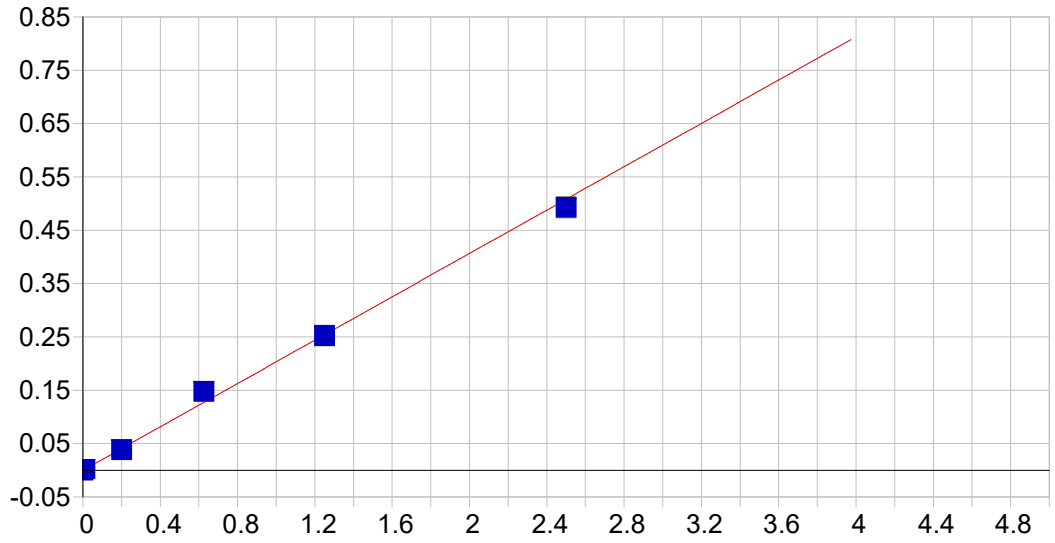


Ni 231.604 {446}

Date of Fit:	10/21/2025 15:13:29	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000866	Re-Slope:	1.000000
A1 (Gain):	0.616931	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998647	Status:	OK.
Std Error of Est:	0.000754		
Predicted MDL:	0.000336		
Predicted MQL:	0.001119		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00086	.000	1
S1	.04000	.03776	-.002	-5.60	.02243	.000	1
S3	1.2500	1.4062	.156	12.5	.86665	.010	1
S4	2.5000	2.4549	-.045	-1.81	1.5136	.003	1
S5	5.0000	4.9283	-.072	-1.43	3.0395	.009	1
S2	.40000	.36294	-.037	-9.27	.22304	.001	1

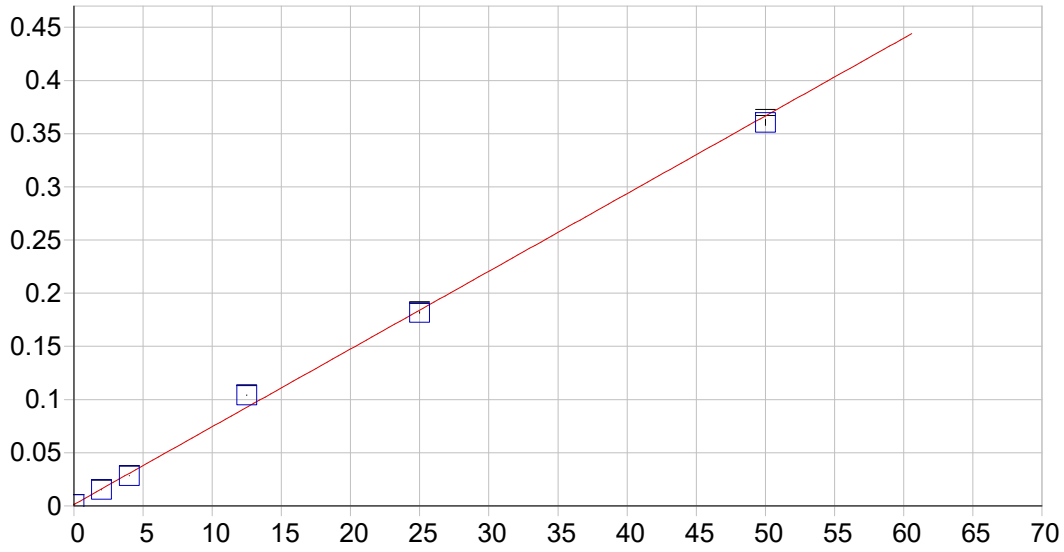


Ag 328.068 {103}

Date of Fit:	10/21/2025 15:13:29	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000000	Re-Slope:	1.000000
A1 (Gain):	0.203242	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.997887	Status:	OK.
Std Error of Est:	0.000109		
Predicted MDL:	0.000527		
Predicted MQL:	0.001755		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00000	.000	1
S1	.01000	.00951	-.000	-4.92	.00192	.000	1
S3	.62500	.72490	.100	16.0	.14682	.001	1
S4	1.2500	1.2403	-.010	-.777	.25105	.001	1
S5	2.5000	2.4235	-.076	-3.06	.49050	.001	1
S2	.20000	.18679	-.013	-6.60	.03780	.000	1

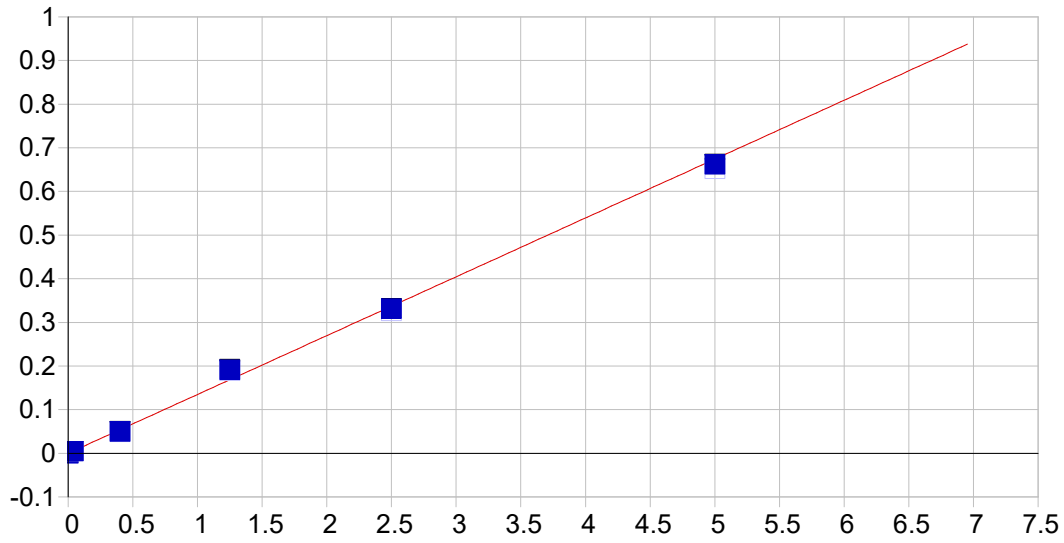


Na 589.592 { 57}

Date of Fit:	10/21/2025 15:13:29	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.001390	Re-Slope:	1.000000
A1 (Gain):	0.007307	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998718	Status:	OK.
Std Error of Est:	0.000196		
Predicted MDL:	0.020800		
Predicted MQL:	0.069334		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00006	.000	.000	.00139	.000	1
S2	4.0000	3.6867	-.313	-7.83	.02833	.000	1
S3	12.500	14.054	1.55	12.4	.10408	.000	1
S4	25.000	24.699	-.301	-1.20	.18187	.001	1
S5	50.000	49.156	-.844	-1.69	.36058	.003	1
S1	2.0000	1.9046	-.095	-4.77	.01531	.000	1

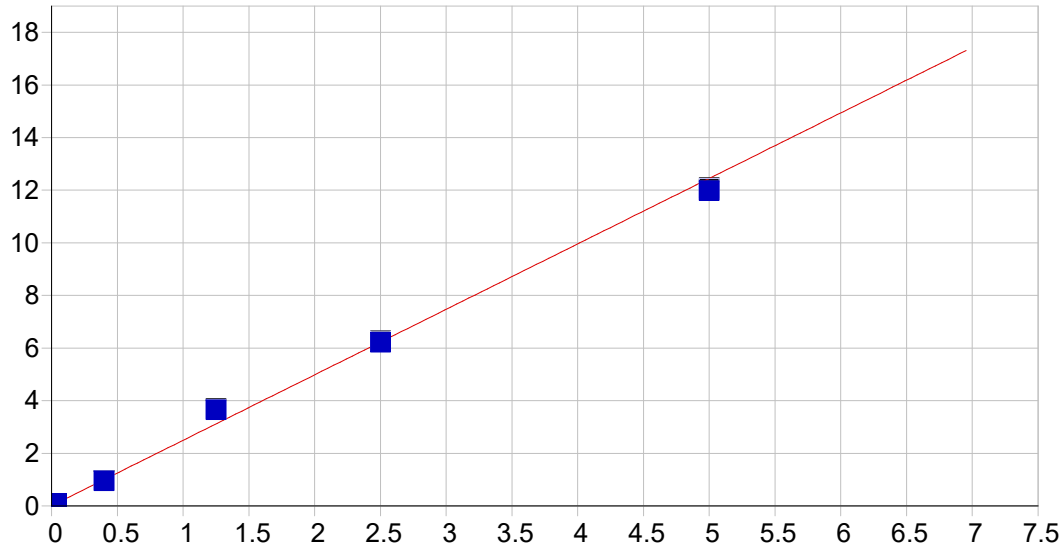


V 292.402 {115}

Date of Fit:	10/21/2025 15:13:29	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000036	Re-Slope:	1.000000
A1 (Gain):	0.134830	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998426	Status:	OK.
Std Error of Est:	0.000175		
Predicted MDL:	0.003418		
Predicted MQL:	0.011395		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00004	.000	1
S1	.04000	.03722	-.003	-6.96	.00478	.000	1
S3	1.2500	1.4202	.170	13.6	.18900	.001	1
S4	2.5000	2.4541	-.046	-1.84	.32594	.001	1
S5	5.0000	4.9083	-.092	-1.83	.65192	.001	1
S2	.40000	.37002	-.030	-7.50	.04907	.001	1

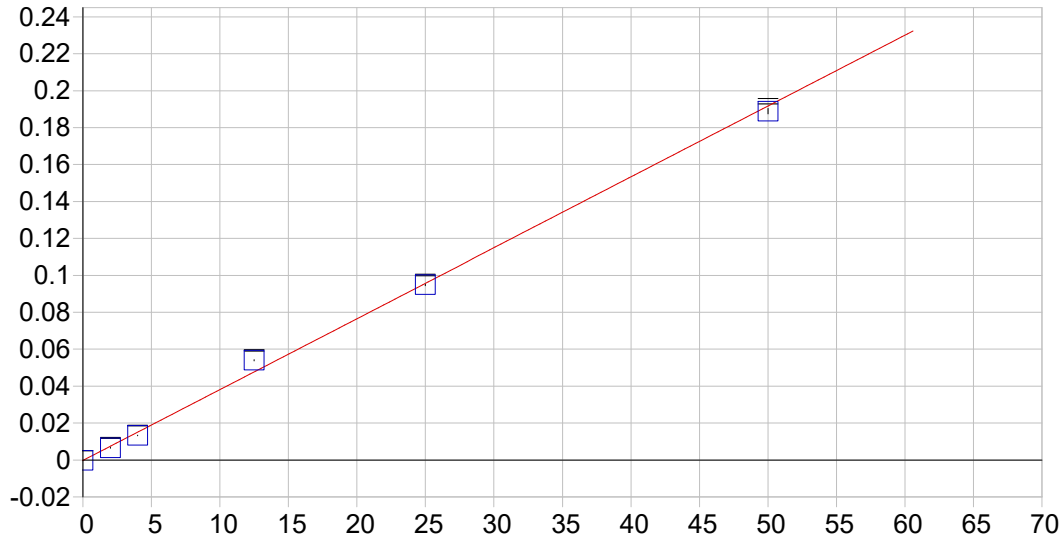


Zn 213.856 {158}

Date of Fit:	10/21/2025 15:13:29	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.005058	Re-Slope:	1.000000
A1 (Gain):	2.488864	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.997591	Status:	OK.
Std Error of Est:	0.004090		
Predicted MDL:	0.000230		
Predicted MQL:	0.000768		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00505	.000	1
S1	.04000	.04029	.000	.727	.10603	.000	1
S3	1.2500	1.4643	.214	17.1	3.6712	.025	1
S4	2.5000	2.4963	-.004	-.150	6.2612	.020	1
S5	5.0000	4.8100	-.190	-3.80	12.063	.033	1
S2	.40000	.37919	-.021	-5.20	.95572	.004	1

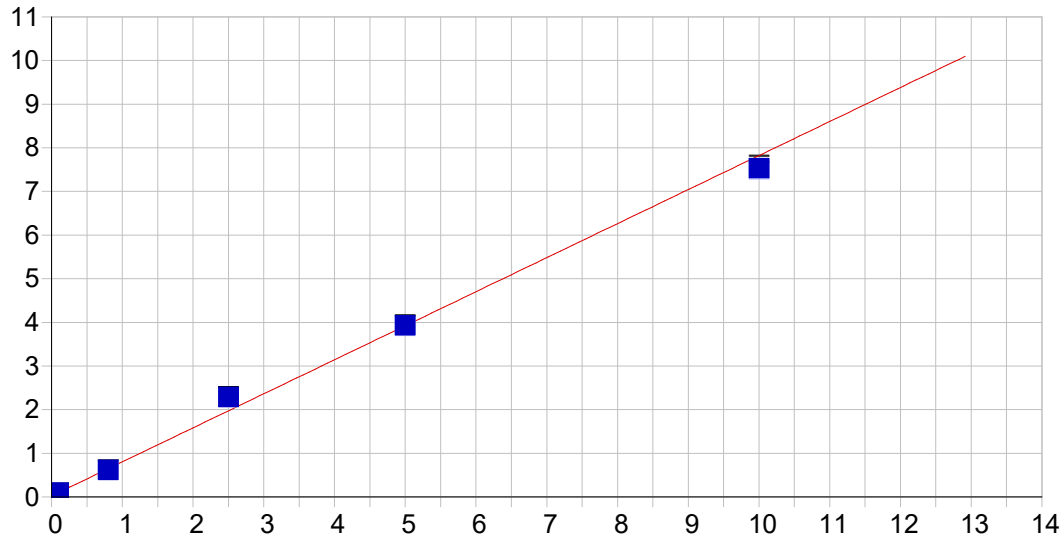


K 766.490 { 44}

Date of Fit:	10/21/2025 15:13:29	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000293	Re-Slope:	1.000000
A1 (Gain):	0.003841	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998403	Status:	OK.
Std Error of Est:	0.000115		
Predicted MDL:	0.047545		
Predicted MQL:	0.158483		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00022	.000	.000	-.00029	.000	1
S2	4.0000	3.5415	-.459	-11.5	.01331	.000	1
S3	12.500	14.130	1.63	13.0	.05398	.000	1
S4	25.000	24.766	-.234	-.935	.09482	.000	1
S5	50.000	49.267	-.733	-1.47	.18892	.002	1
S1	2.0000	1.7946	-.205	-10.3	.00660	.000	1

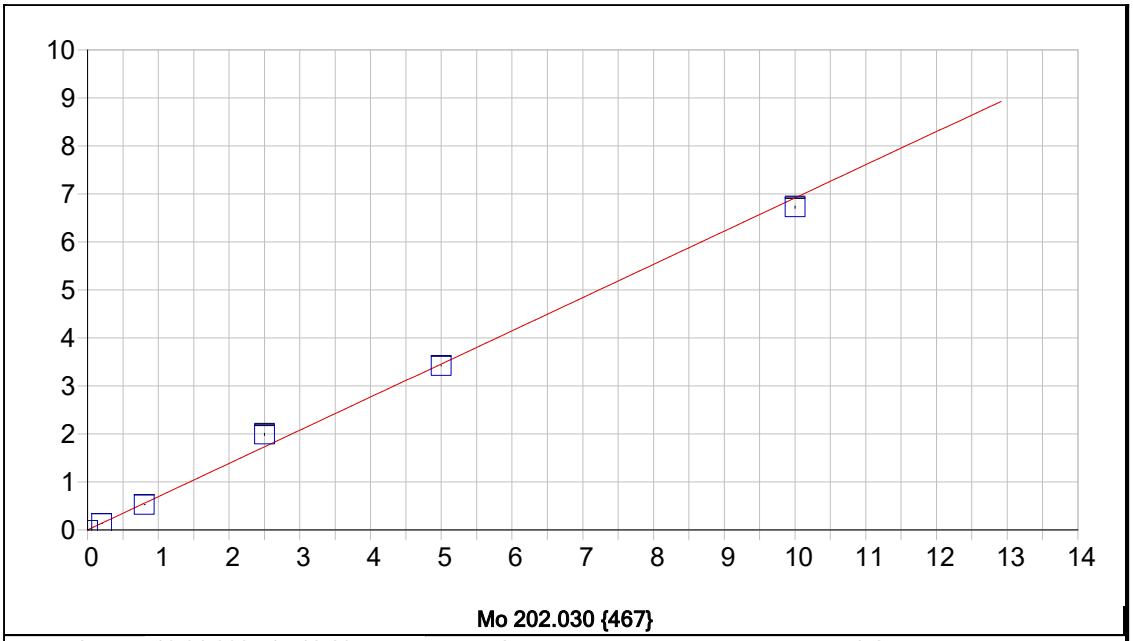


B 249.678 {135}

Date of Fit:	10/21/2025 15:13:29	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.022764	Re-Slope:	1.000000
A1 (Gain):	0.779986	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.997734	Status:	OK.
Std Error of Est:	0.002751		
Predicted MDL:	0.000843		
Predicted MQL:	0.002810		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.02276	.001	1
S1	.10000	.09199	-.008	-8.01	.09406	.000	1
S3	2.5000	2.9080	.408	16.3	2.2839	.012	1
S4	5.0000	5.0117	.012	.234	3.9178	.010	1
S5	10.000	9.6275	-.373	-3.73	7.5039	.075	1
S2	.80000	.76079	-.039	-4.90	.61392	.006	1

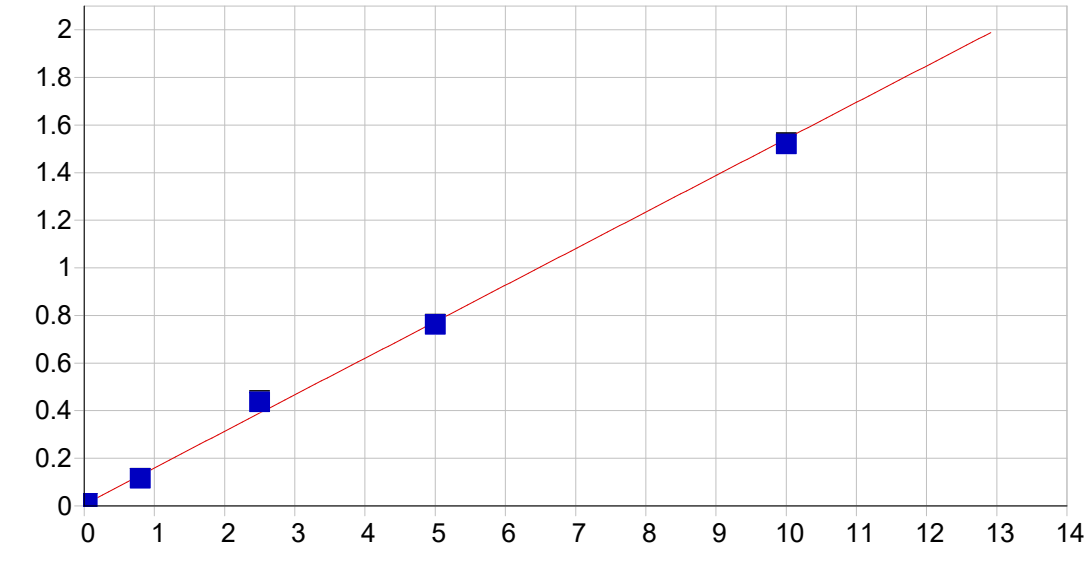


Mo 202.030 {467}

Date of Fit:	10/21/2025 15:13:29	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000720	Re-Slope:	1.000000
A1 (Gain):	0.691423	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998160	Status:	OK.
Std Error of Est:	0.003127		
Predicted MDL:	0.000247		
Predicted MQL:	0.000824		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00072	.000	1
S1	.20000	.19014	-.010	-4.93	.13219	.000	1
S3	2.5000	2.8797	.380	15.2	1.9918	.024	1
S4	5.0000	4.9441	-.056	-1.12	3.4192	.007	1
S5	10.000	9.7252	-.275	-2.75	6.7250	.023	1
S2	.80000	.76083	-.039	-4.90	.52678	.001	1

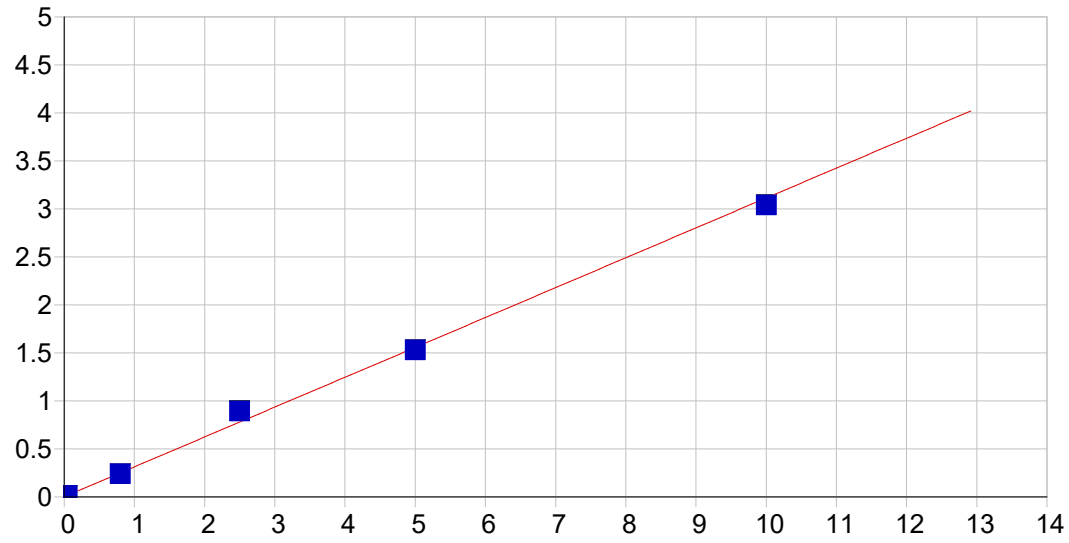


Sn 189.989 {478}

Date of Fit:	10/21/2025 15:13:29	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.006137	Re-Slope:	1.000000
A1 (Gain):	0.153541	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998646	Status:	OK.
Std Error of Est:	0.000265		
Predicted MDL:	0.000601		
Predicted MQL:	0.002003		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00614	.000	1
S1	.04000	.03557	-.004	-11.1	.01159	.000	1
S3	2.5000	2.8034	.303	12.1	.43619	.005	1
S4	5.0000	4.9218	-.078	-1.56	.76106	.002	1
S5	10.000	9.8654	-.135	-1.35	1.5193	.004	1
S2	.80000	.71375	-.086	-10.8	.11560	.000	1

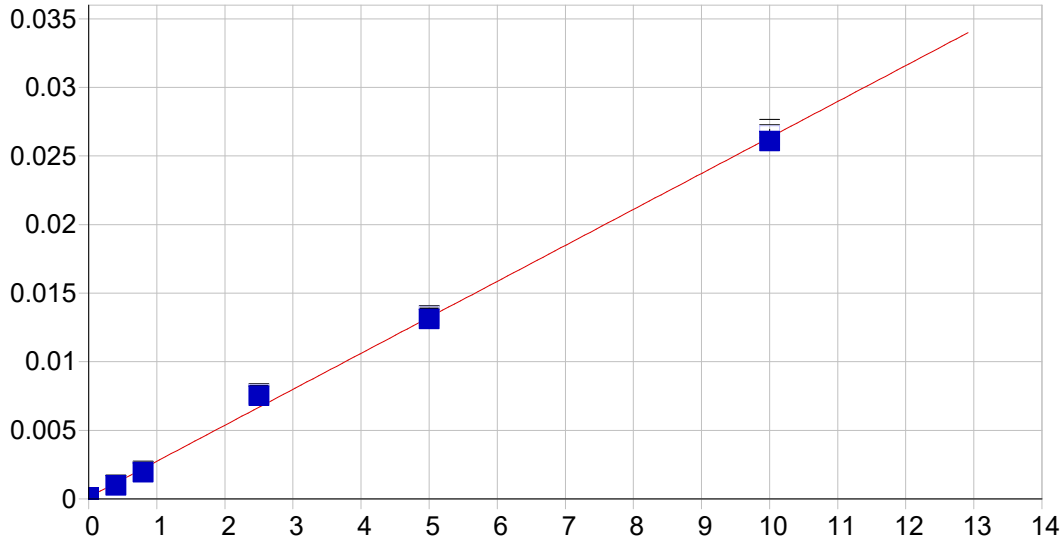


Ti 336.121 {100}

Date of Fit:	10/21/2025 15:13:29	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.001569	Re-Slope:	1.000000
A1 (Gain):	0.311189	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998313	Status:	OK.
Std Error of Est:	0.000600		
Predicted MDL:	0.001945		
Predicted MQL:	0.006482		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00157	.001	1
S1	.04000	.03819	-.002	-4.52	.01345	.000	1
S3	2.5000	2.8642	.364	14.6	.89259	.006	1
S4	5.0000	4.9110	-.089	-1.78	1.5292	.003	1
S5	10.000	9.7632	-.237	-2.37	3.0387	.008	1
S2	.80000	.76340	-.037	-4.57	.23904	.001	1

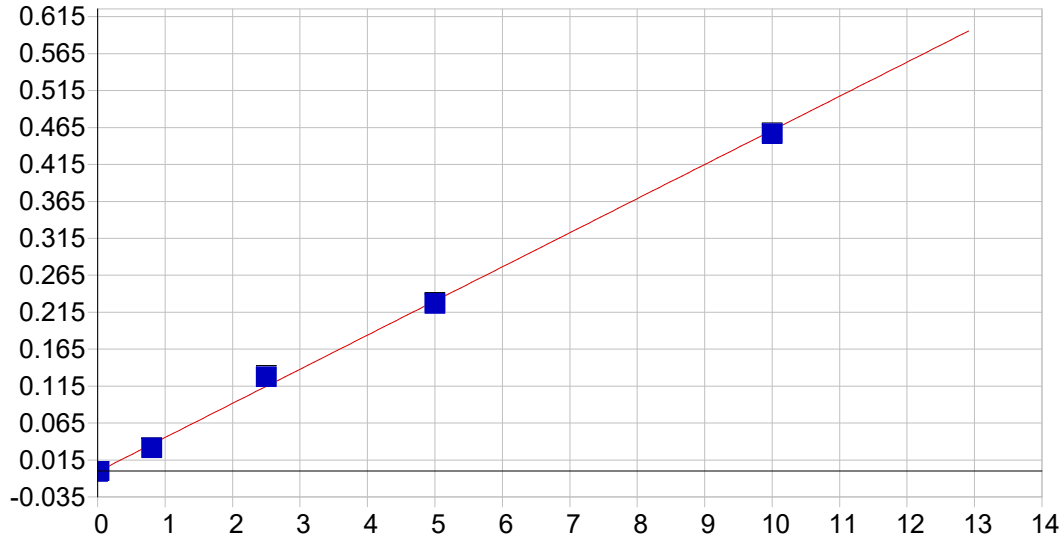


Si 288.158 {117}

Date of Fit:	10/21/2025 15:13:29	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000122	Re-Slope:	1.000000
A1 (Gain):	0.002623	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998185	Status:	OK.
Std Error of Est:	0.000017		
Predicted MDL:	0.014613		
Predicted MQL:	0.048711		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00008	.000	.000	.00012	.000	1
S1	.40000	.32810	-.072	-18.0	.00098	.000	1
S3	2.5000	2.8212	.321	12.8	.00762	.000	1
S4	5.0000	4.9571	-.043	-.858	.01332	.000	1
S5	10.000	9.9003	-.100	-.997	.02648	.000	1
S2	.80000	.69238	-.108	-13.5	.00197	.000	1

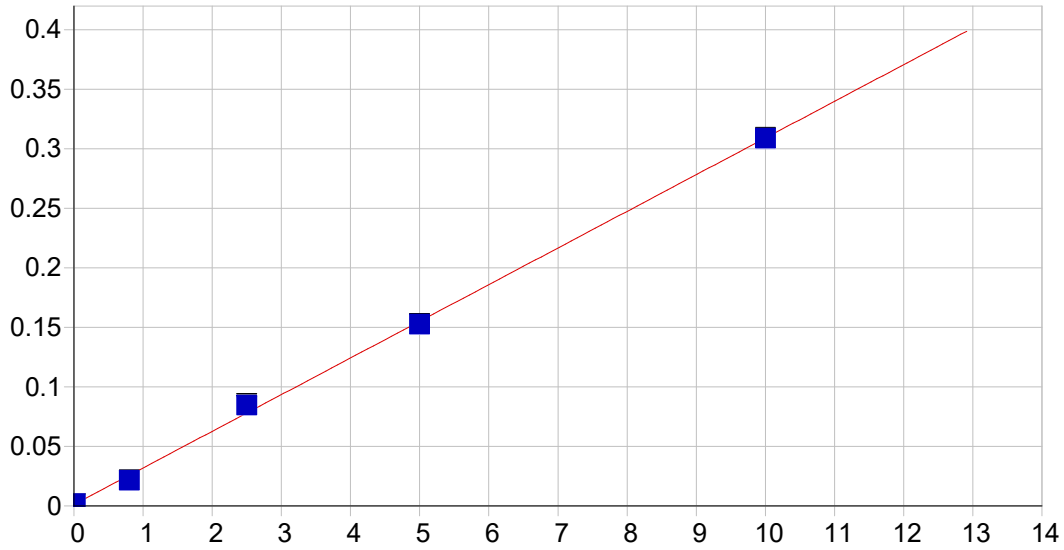


P 177.495 {490}

Date of Fit:	10/21/2025 15:13:29	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000798	Re-Slope:	1.000000
A1 (Gain):	0.046193	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998749	Status:	OK.
Std Error of Est:	0.000054		
Predicted MDL:	0.001623		
Predicted MQL:	0.005412		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00080	.000	1
S1	.02000	.01758	-.002	-12.1	.00001	.000	1
S3	2.5000	2.7739	.274	11.0	.12732	.002	1
S4	5.0000	4.9270	-.073	-1.46	.22676	.001	1
S5	10.000	9.9061	-.094	-.939	.45672	.001	1
S2	.80000	.69545	-.105	-13.1	.03132	.000	1

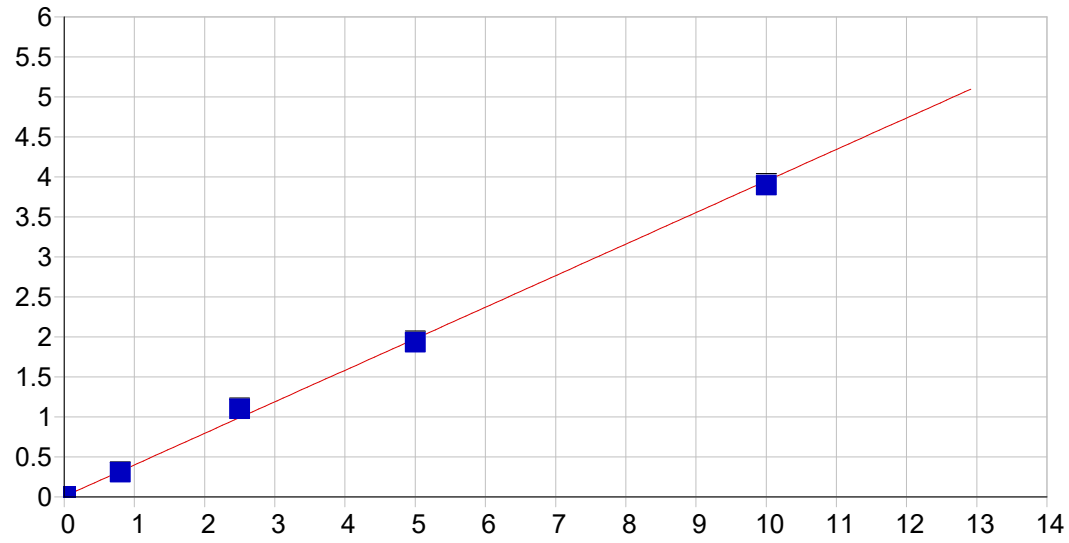


S 182.034 {485}

Date of Fit:	10/21/2025 15:13:29	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.001085	Re-Slope:	1.000000
A1 (Gain):	0.030805	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998846	Status:	OK.
Std Error of Est:	0.000035		
Predicted MDL:	0.002725		
Predicted MQL:	0.009083		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00108	.000	1
S1	.02000	.02259	.003	13.0	.00175	.000	1
S3	2.5000	2.7143	.214	8.57	.08450	.001	1
S4	5.0000	4.9222	-.078	-1.56	.15231	.001	1
S5	10.000	9.9943	-.006	-.057	.30816	.001	1
S2	.80000	.66672	-.133	-16.7	.02156	.000	1

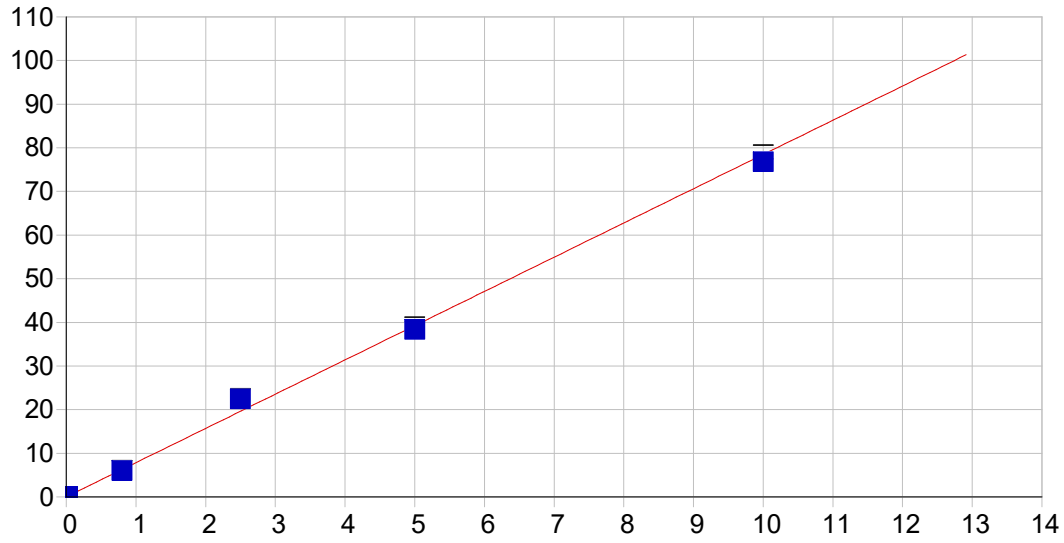


Li 670.784 { 50}

Date of Fit:	10/21/2025 15:13:29	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.005724	Re-Slope:	1.000000
A1 (Gain):	0.394250	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998909	Status:	OK.
Std Error of Est:	0.000432		
Predicted MDL:	0.005266		
Predicted MQL:	0.017552		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00573	.004	1
S5	10.000	9.8714	-.129	-1.29	3.9007	.017	1
S4	5.0000	4.8902	-.110	-2.20	1.9352	.013	1
S3	2.5000	2.7772	.277	11.1	1.1014	.009	1
S1	.02000	.01084	-.009	-45.8	.01014	.000	1
S2	.80000	.77056	-.029	-3.68	.30977	.004	1

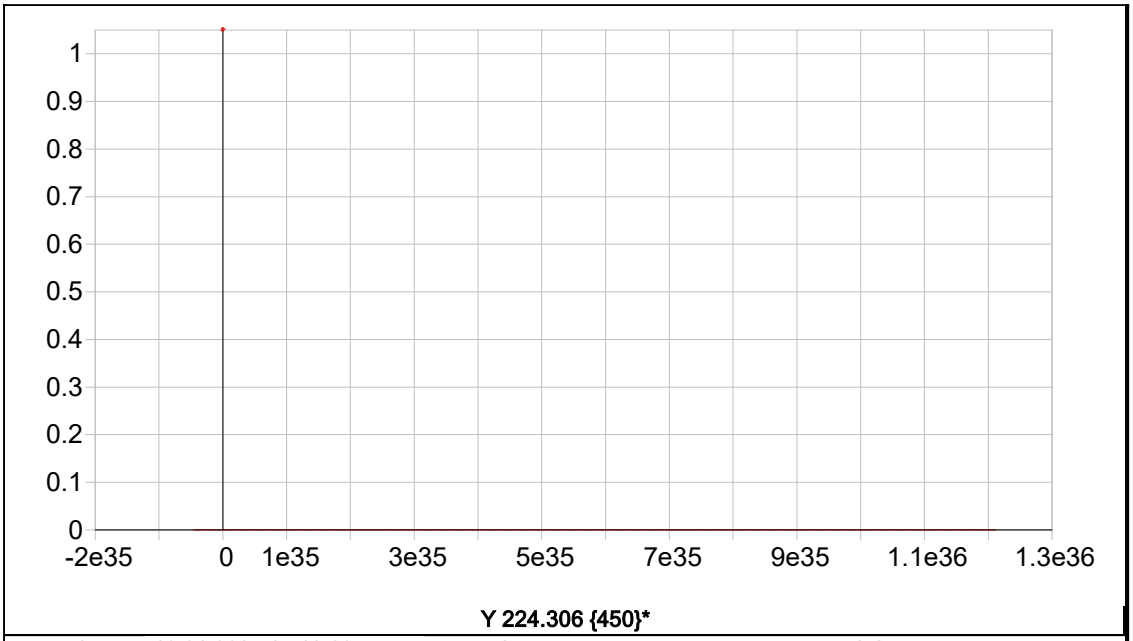


Sr 407.771 { 83}

Date of Fit:	10/21/2025 15:13:29	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.001823	Re-Slope:	1.000000
A1 (Gain):	7.846816	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998381	Status:	OK.
Std Error of Est:	0.010485		
Predicted MDL:	0.000132		
Predicted MQL:	0.000439		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00181	.000	1
S1	.02000	.02078	.001	3.91	.16566	.001	1
S3	2.5000	2.8577	.358	14.3	22.445	.120	1
S4	5.0000	4.8899	-.110	-2.20	38.410	.566	1
S5	10.000	9.7829	-.217	-2.17	76.842	1.58	1
S2	.80000	.76866	-.031	-3.92	6.0394	.020	1

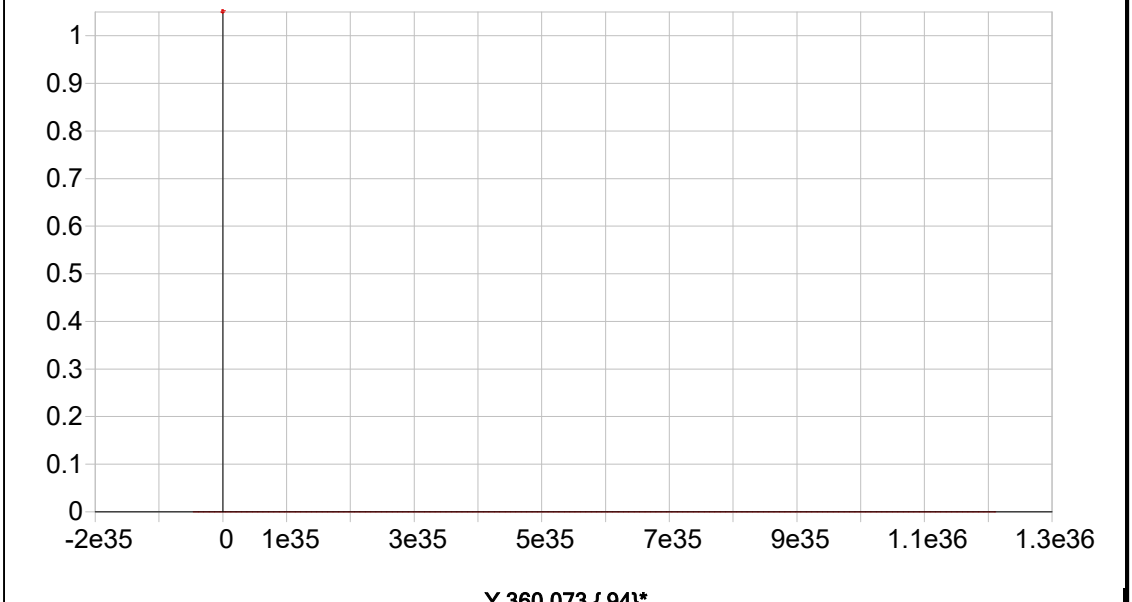


Y 224.306 {450}*

Date of Fit:	10/21/2025 15:13:29	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



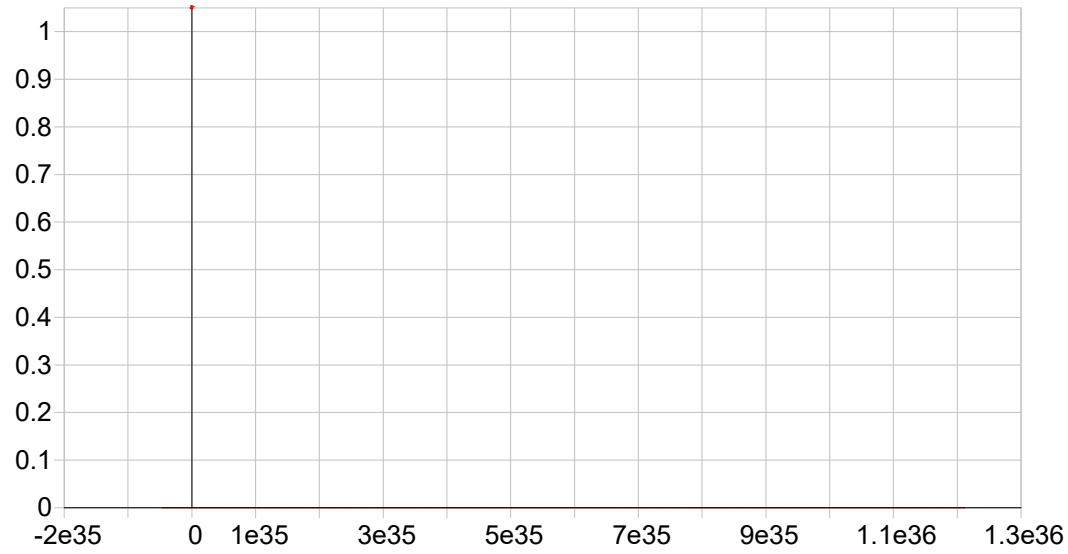
Y 360.073 { 94}*

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

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					

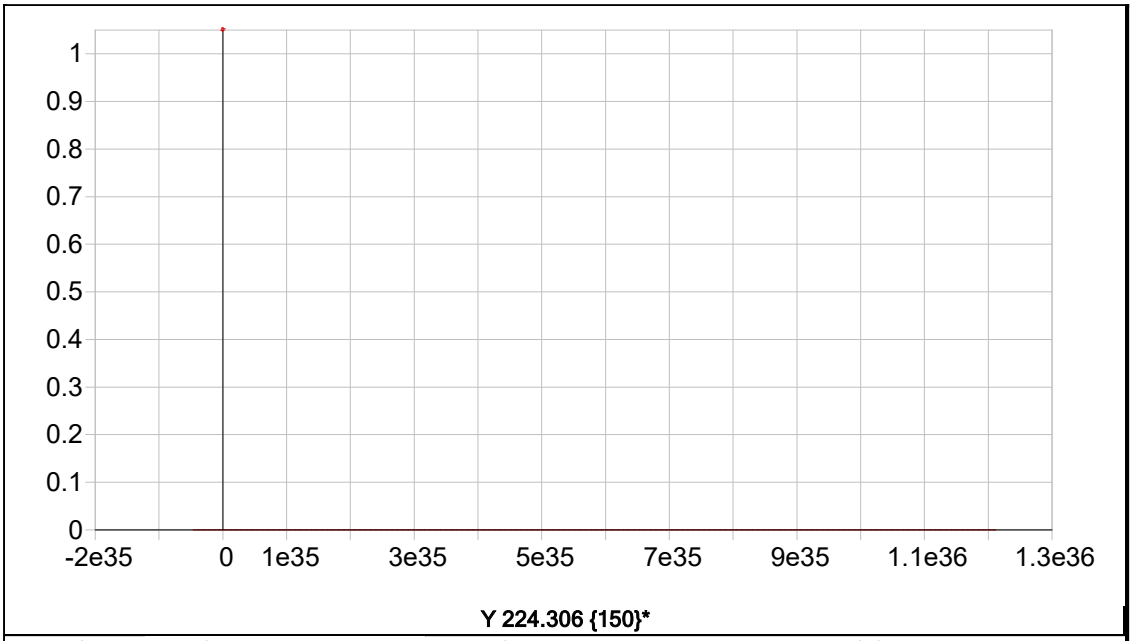
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis



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

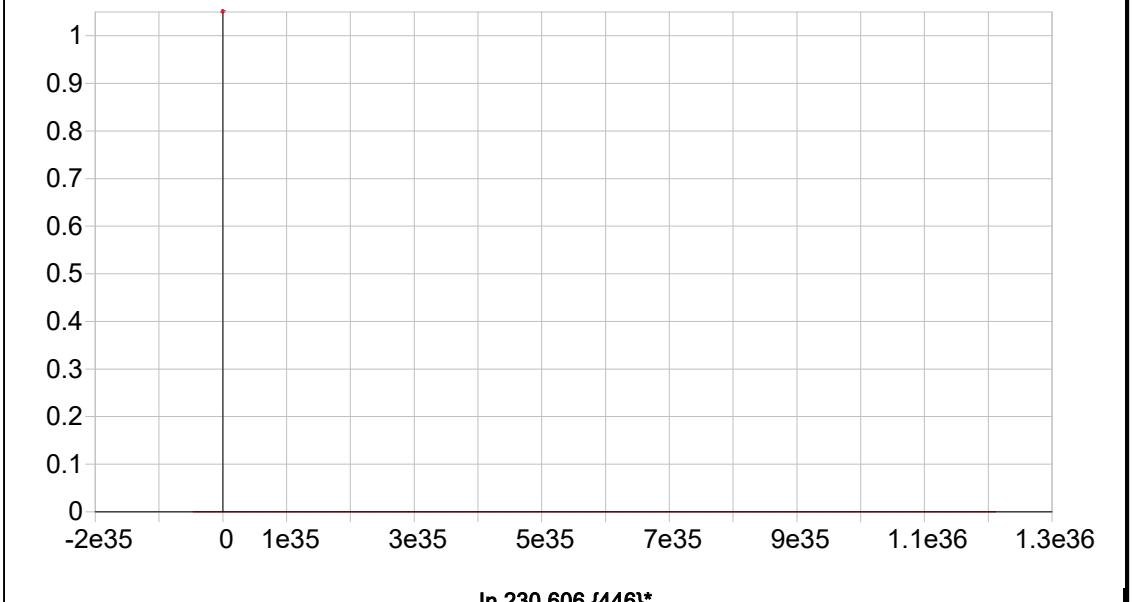


Y 224.306 {150}*

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

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:10/24/2025 6:34:14 PM
Inst Id :P4
LB :LB137613

Sample Name: S0 Acquired: 10/21/2025 12:03:57 Type: Cal
Method: 6010-200.7 NEW(v304) 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	**-.00009**	**.00045**	**.00001**	**.00052**	**.00083**	**-.00098**	**.08234**	**-.00225**
Stddev	.00004	.00006	.00006	.00023	.00018	.00036	.00114	.00039
%RSD	50.806	13.322	467.36	44.267	21.776	36.581	1.3785	17.400
#1	-.00014	.00042	-.00003	.00073	.00089	-.00063	.08106	-.00261
#2	-.00008	.00041	.00008	.00027	.00063	-.00135	.08277	-.00183
#3	-.00005	.00052	-.00001	.00055	.00098	-.00096	.08321	-.00231

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	**-.00001**	**.00064**	**.00013**	**.00018**	**.00057**	**.00001**	**.00037**	**.00002**
Stddev	.00007	.00029	.00003	.00013	.00013	.00002	.00017	.00032
%RSD	1077.1	45.707	19.368	72.313	22.149	138.42	45.755	1893.3
#1	.00007	.00097	.00016	.00015	.00044	-.00001	.00053	-.00014
#2	-.00005	.00057	.00013	.00007	.00059	.00002	.00038	.00038
#3	-.00004	.00040	.00011	.00033	.00070	.00003	.00019	-.00019

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	**-.00086**	**-.00000**	**.00139**	**-.00004**	**.00505**	**-.00029**	**.02276**	**.00072**
Stddev	.00017	.00006	.00007	.00021	.00030	.00011	.00085	.00001
%RSD	19.821	57840.	5.2966	593.75	6.0316	36.840	3.7455	1.2850
#1	-.00082	-.00003	.00131	-.00027	.00484	-.00042	.02364	.00073
#2	-.00105	-.00003	.00143	.00002	.00491	-.00022	.02272	.00072
#3	-.00072	.00006	.00144	.00014	.00540	-.00025	.02194	.00071

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	**.00614**	**.00157**	**.00012**	**-.00080**	**.00108**	**.00573**	**.00181**
Stddev	.00005	.00051	.00001	.00004	.00007	.00353	.00038
%RSD	.86670	32.518	9.7885	5.2418	6.5707	61.688	21.259
#1	.00612	.00187	.00014	-.00084	.00101	.00165	.00141
#2	.00620	.00186	.00012	-.00079	.00115	.00796	.00184
#3	.00610	.00098	.00011	-.00076	.00110	.00757	.00217

Reviewed By:jaswal
On:10/24/2025 6:34:14 PM
Inst Id :P4
LB :LB137613

Sample Name: S0 Acquired: 10/21/2025 12:03:57 Type: Cal
Method: 6010-200.7 NEW(v304) 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	5798.9	95766.	7259.2	4626.3	7435.5
Stddev	3.2	677.	30.9	24.5	5.6
%RSD	.05524	.70671	.42531	.52855	.07595
#1	5800.4	96209.	7261.9	4636.4	7429.9
#2	5795.3	96102.	7227.1	4644.0	7435.5
#3	5801.2	94987.	7288.7	4598.4	7441.2

Reviewed By:jaswal
On:10/24/2025 6:34:14 PM
Inst Id :P4
LB :LB137613

Sample Name: S1 Acquired: 10/21/2025 12:08:22 Type: Cal
Method: 6010-200.7 NEW(v304) 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	**.00098**	**.00260**	**.00225**	**.00146**	**.00564**	**.00889**	**.31987**	**.05922**
Stddev	.00002	.00009	.00030	.00009	.00004	.00082	.00262	.00090
%RSD	2.3908	3.5985	13.539	6.0272	.78622	9.2765	.81837	1.5232
#1	.00096	.00264	.00214	.00142	.00559	.00890	.32024	.05892
#2	.00100	.00266	.00260	.00156	.00567	.00971	.31710	.05851
#3	.00099	.00249	.00202	.00140	.00565	.00806	.32229	.06024

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	**.01694**	**.12077**	**.00212**	**.03055**	**.01479**	**.00028**	**.00930**	**.02568**
Stddev	.00005	.00098	.00007	.00014	.00004	.00002	.00015	.00042
%RSD	.27395	.81314	3.1609	.44882	.27489	5.3962	1.5694	1.6465
#1	.01694	.12187	.00208	.03070	.01483	.00028	.00926	.02537
#2	.01699	.11998	.00220	.03045	.01475	.00027	.00946	.02550
#3	.01690	.12046	.00208	.03048	.01481	.00030	.00918	.02616

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	**.02243**	**.00192**	**.01531**	**.00478**	**.10603**	**.00660**	**.09406**	**.13219**
Stddev	.00011	.00009	.00018	.00020	.00015	.00020	.00035	.00047
%RSD	.48030	4.6222	1.1655	4.0939	.13872	3.0162	.37138	.35891
#1	.02245	.00196	.01522	.00460	.10620	.00637	.09418	.13255
#2	.02231	.00182	.01551	.00499	.10592	.00672	.09366	.13236
#3	.02252	.00198	.01519	.00475	.10599	.00671	.09433	.13165

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	**.01159**	**.01345**	**.00098**	**.00001**	**.00175**	**.01014**	**.16566**
Stddev	.00010	.00040	.00001	.00003	.00009	.00048	.00072
%RSD	.85273	3.0024	1.4702	215.99	4.8459	4.7280	.43620
#1	.01167	.01384	.00100	-.00001	.00184	.01064	.16602
#2	.01162	.01346	.00098	.00001	.00175	.00969	.16613
#3	.01148	.01303	.00097	.00005	.00167	.01008	.16482

Reviewed By:jaswal
On:10/24/2025 6:34:14 PM
Inst Id :P4
LB :LB137613

Sample Name: S1 Acquired: 10/21/2025 12:08:22 Type: Cal
Method: 6010-200.7 NEW(v304) 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	5775.7	95019.	7076.9	4632.0	7272.7
Stddev	15.1	140.	3.6	22.9	16.6
%RSD	.26162	.14682	.05031	.49423	.22859
#1	5760.0	94920.	7079.8	4622.0	7253.9
#2	5776.8	94958.	7072.9	4658.2	7278.6
#3	5790.2	95179.	7077.9	4615.8	7285.5

Reviewed By:jaswal
On:10/24/2025 6:34:14 PM
Inst Id :P4
LB :LB137613

Sample Name: S2 Acquired: 10/21/2025 12:12:41 Type: Cal
Method: 6010-200.7 NEW(v304) 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	**.03898**	**.04045**	**.15048**	**.03505**	**.07415**	**.13739**	**3.7026**	**.37903**
Stddev	.00021	.00128	.00032	.00014	.00010	.00131	.0157	.00322
%RSD	.54423	3.1685	.21287	.39178	.13031	.95037	.42399	.84917
#1	.03874	.03914	.15075	.03501	.07421	.13797	3.6998	.38160
#2	.03908	.04051	.15012	.03494	.07421	.13589	3.6886	.37542
#3	.03913	.04171	.15056	.03520	.07404	.13830	3.7196	.38007

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	**1.0999**	**.22722**	**.03120**	**.39307**	**.13197**	**.00186**	**.16633**	**.04632**
Stddev	.0025	.00122	.00005	.00083	.00043	.00002	.00041	.00031
%RSD	.22529	.53858	.17024	.21017	.32266	.92964	.24924	.66030
#1	1.1015	.22858	.03114	.39356	.13224	.00186	.16662	.04610
#2	1.0970	.22685	.03125	.39212	.13148	.00184	.16585	.04620
#3	1.1011	.22622	.03121	.39354	.13218	.00187	.16650	.04667

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	**.22304**	**.03780**	**.02833**	**.04907**	**.95572**	**.01331**	**.61392**	**.52678**
Stddev	.00071	.00013	.00017	.00061	.00377	.00023	.00605	.00071
%RSD	.31652	.34769	.59482	1.2506	.39439	1.7007	.98565	.13464
#1	.22332	.03765	.02817	.04950	.95148	.01324	.61931	.52663
#2	.22224	.03788	.02832	.04836	.95868	.01312	.60737	.52616
#3	.22357	.03787	.02850	.04934	.95701	.01356	.61509	.52755

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	**.11560**	**.23904**	**.00197**	**.03132**	**.02156**	**.30977**	**6.0394**
Stddev	.00043	.00056	.00007	.00012	.00019	.00421	.0204
%RSD	.37343	.23589	3.5246	.37797	.85915	1.3604	.33799
#1	.11519	.23848	.00189	.03145	.02138	.30930	6.0411
#2	.11557	.23903	.00199	.03121	.02154	.30581	6.0182
#3	.11605	.23961	.00203	.03130	.02175	.31420	6.0589

Reviewed By:jaswal
On:10/24/2025 6:34:14 PM
Inst Id :P4
LB :LB137613

Sample Name: S2 Acquired: 10/21/2025 12:12:41 Type: Cal
Method: 6010-200.7 NEW(v304) 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	5750.4	94486.	7087.3	4600.4	7067.0
Stddev	15.9	489.	12.8	20.3	23.4
%RSD	.27711	.51764	.18124	.44053	.33100
#1	5732.6	95019.	7079.4	4617.5	7043.4
#2	5763.4	94057.	7102.2	4578.0	7090.2
#3	5755.2	94384.	7080.5	4605.8	7067.3

Reviewed By:jaswal
On:10/24/2025 6:34:14 PM
Inst Id :P4
LB :LB137613

Sample Name: S3 Acquired: 10/21/2025 12:16:50 Type: Cal
Method: 6010-200.7 NEW(v304) 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	**.14994**	**.15198**	**.58352**	**.13303**	**.28054**	**.52095**	**13.788**	**1.4384**
Stddev	.00215	.00464	.00575	.00174	.00308	.00389	.084	.0114
%RSD	1.4324	3.0526	.98503	1.3074	1.0993	.74744	.60918	.79168
#1	.14910	.14727	.58167	.13199	.27859	.52426	13.871	1.4506
#2	.14833	.15212	.57892	.13206	.27894	.52192	13.788	1.4364
#3	.15238	.15655	.58996	.13504	.28409	.51666	13.703	1.4281

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	**4.3418**	**.86215**	**.12065**	**1.5264**	**.49285**	**.00718**	**.61667**	**.17539**
Stddev	.0513	.00416	.00070	.0158	.00531	.00006	.00525	.00054
%RSD	1.1818	.48244	.58250	1.0329	1.0765	.82490	.85107	.30830
#1	4.3192	.86604	.12108	1.5207	.49100	.00719	.62273	.17598
#2	4.3058	.86263	.12103	1.5142	.48872	.00723	.61353	.17530
#3	4.4006	.85777	.11983	1.5442	.49883	.00711	.61376	.17491

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	**.86665**	**.14682**	**.10408**	**.18900**	**3.6712**	**.05398**	**2.2839**	**1.9918**
Stddev	.00994	.00061	.00041	.00128	.0248	.00030	.0120	.0245
%RSD	1.1466	.41219	.39136	.67925	.67632	.56261	.52703	1.2280
#1	.86288	.14725	.10431	.19044	3.6975	.05400	2.2977	1.9776
#2	.85915	.14707	.10433	.18855	3.6677	.05426	2.2788	1.9778
#3	.87792	.14613	.10361	.18799	3.6482	.05366	2.2753	2.0201

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	**.43619**	**.89259**	**.00762**	**.12732**	**.08450**	**1.1014**	**22.445**
Stddev	.00520	.00551	.00005	.00184	.00124	.0090	.120
%RSD	1.1911	.61698	.70696	1.4450	1.4707	.81313	.53530
#1	.43395	.89777	.00765	.12625	.08387	1.1102	22.522
#2	.43248	.89320	.00765	.12627	.08370	1.1017	22.306
#3	.44212	.88681	.00756	.12944	.08593	1.0923	22.506

Reviewed By:jaswal
On:10/24/2025 6:34:14 PM
Inst Id :P4
LB :LB137613

Sample Name: S3 Acquired: 10/21/2025 12:16:50 Type: Cal
Method: 6010-200.7 NEW(v304) 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	**5767.3**	**92853.**	**7292.0**	**4460.8**	**6794.7**
Stddev	41.8	380.	44.4	25.1	49.7
%RSD	.72513	.40920	.60891	.56330	.73125
#1	5771.3	92510.	7240.9	4434.2	6792.0
#2	5806.9	92787.	7313.2	4464.1	6845.7
#3	5723.5	93261.	7321.8	4484.2	6746.5

Reviewed By:jaswal
On:10/24/2025 6:34:14 PM
Inst Id :P4
LB :LB137613

Sample Name: S4 Acquired: 10/21/2025 12:21:01 Type: Cal
Method: 6010-200.7 NEW(v304) 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	**.26087**	**.29130**	**1.0171**	**.23257**	**.48267**	**.89919**	**23.505**	**2.4353**
Stddev	.00090	.00375	.0017	.00089	.00041	.00059	.094	.0098
%RSD	.34497	1.2880	.16466	.38462	.08418	.06587	.39995	.40082
#1	.26112	.29519	1.0158	.23239	.48276	.89985	23.478	2.4406
#2	.26161	.29098	1.0190	.23354	.48302	.89871	23.427	2.4240
#3	.25987	.28771	1.0166	.23178	.48223	.89901	23.609	2.4413

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	**7.6414**	**1.4763**	**.20413**	**2.6672**	**.84014**	**.01239**	**1.0482**	**.30354**
Stddev	.0159	.0010	.00063	.0052	.00142	.00003	.0024	.00141
%RSD	.20811	.06826	.30892	.19434	.16922	.26320	.23311	.46338
#1	7.6267	1.4774	.20466	2.6630	.83854	.01239	1.0479	.30466
#2	7.6583	1.4753	.20343	2.6730	.84126	.01243	1.0460	.30401
#3	7.6392	1.4763	.20429	2.6657	.84062	.01236	1.0509	.30196

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	**1.5136**	**.25105**	**.18187**	**.32594**	**6.2612**	**.09482**	**3.9178**	**3.4192**
Stddev	.0028	.00087	.00082	.00118	.0204	.00043	.0100	.0070
%RSD	.18621	.34841	.45204	.36057	.32566	.45486	.25541	.20538
#1	1.5108	.25029	.18162	.32698	6.2388	.09446	3.9175	3.4186
#2	1.5164	.25086	.18120	.32617	6.2659	.09471	3.9079	3.4265
#3	1.5137	.25200	.18279	.32466	6.2788	.09530	3.9279	3.4125

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	**.76106**	**1.5292**	**.01332**	**.22676**	**.15231**	**1.9352**	**38.410**
Stddev	.00153	.0026	.00004	.00115	.00056	.0127	.566
%RSD	.20087	.16716	.31141	.50580	.36848	.65410	1.4730
#1	.75973	1.5274	.01336	.22592	.15222	1.9386	38.977
#2	.76273	1.5281	.01333	.22807	.15291	1.9213	37.846
#3	.76070	1.5322	.01328	.22628	.15180	1.9459	38.406

Reviewed By:jaswal
On:10/24/2025 6:34:14 PM
Inst Id :P4
LB :LB137613

Sample Name: S4 Acquired: 10/21/2025 12:21:01 Type: Cal
Method: 6010-200.7 NEW(v304) 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	5366.3	86820.	6920.5	4135.3	6171.5
Stddev	6.0	536.	48.0	5.6	10.7
%RSD	.11127	.61690	.69355	.13527	.17417
#1	5373.2	86204.	6865.4	4138.0	6183.8
#2	5363.2	87083.	6953.4	4139.1	6163.8
#3	5362.5	87173.	6942.7	4128.9	6167.0

Reviewed By:jaswal
On:10/24/2025 6:34:14 PM
Inst Id :P4
LB :LB137613

Sample Name: S5 Acquired: 10/21/2025 12:25:05 Type: Cal
Method: 6010-200.7 NEW(v304) 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	**.51192**	**.54232**	**2.0487**	**.45104**	**.94865**	**1.7834**	**46.197**	**4.7020**
Stddev	.00215	.01128	.0042	.00172	.00638	.0033	.006	.0473
%RSD	.41966	2.0803	.20638	.38132	.67264	.18424	.01396	1.0064
#1	.51432	.53001	2.0535	.45272	.95425	1.7836	46.190	4.7392
#2	.51128	.54477	2.0454	.45114	.94999	1.7866	46.199	4.7180
#3	.51017	.55217	2.0472	.44928	.94170	1.7800	46.202	4.6487

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	**15.336**	**2.9151**	**.40249**	**5.3781**	**1.6347**	**.02454**	**2.0698**	**.60118**
Stddev	.038	.0106	.00032	.0146	.0067	.00023	.0083	.00330
%RSD	.24943	.36393	.07850	.27097	.41294	.93569	.40216	.54924
#1	15.371	2.9204	.40214	5.3949	1.6420	.02431	2.0721	.60332
#2	15.295	2.9220	.40276	5.3683	1.6333	.02456	2.0768	.60285
#3	15.340	2.9029	.40256	5.3711	1.6287	.02477	2.0606	.59738

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	**3.0395**	**.49050**	**.36058**	**.65192**	**12.063**	**.18892**	**7.5039**	**6.7250**
Stddev	.0087	.00094	.00296	.00104	.033	.00152	.0753	.0233
%RSD	.28608	.19208	.82056	.15982	.27148	.80363	1.0029	.34637
#1	3.0495	.48944	.35773	.65245	12.044	.18739	7.5566	6.7513
#2	3.0337	.49123	.36037	.65260	12.101	.18895	7.5375	6.7164
#3	3.0354	.49083	.36364	.65072	12.044	.19042	7.4177	6.7071

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	**1.5193**	**3.0387**	**.02648**	**.45672**	**.30816**	**3.9007**	**76.842**
Stddev	.0044	.0079	.00046	.00088	.00081	.0172	1.581
%RSD	.28901	.25936	1.7367	.19259	.26285	.44048	2.0573
#1	1.5220	3.0351	.02600	.45767	.30855	3.9089	78.317
#2	1.5142	3.0477	.02654	.45594	.30723	3.9122	77.036
#3	1.5217	3.0332	.02691	.45655	.30870	3.8809	75.173

Reviewed By:jaswal
On:10/24/2025 6:34:14 PM
Inst Id :P4
LB :LB137613

Sample Name: S5 Acquired: 10/21/2025 12:25:05 Type: Cal
Method: 6010-200.7 NEW(v304) 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	5351.5	88048.	6979.0	4171.7	5966.0
Stddev	8.5	3.	75.8	10.9	14.3
%RSD	.15947	.00339	1.0867	.26091	.23903
#1	5342.5	88051.	6915.2	4182.2	5962.1
#2	5359.5	88045.	6958.9	4160.4	5981.8
#3	5352.6	88047.	7062.8	4172.5	5954.1

Reviewed By:jaswal
On:10/24/2025 6:34:14 PM
Inst Id :P4
LB :LB137613

Sample Name: ICV01 Acquired: 10/21/2025 12:40:04 Type: Unk
Method: 6010-200.7 NEW(v304) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**3.801620**	**3.836830**	**3.701719**	**3.853213**	**3.884862**	**7.546449**
Stddev	.007512	.179180	.009030	.021855	.001906	.033558
%RSD	.1975896	4.669989	.2439540	.5671802	.0490637	.4446894
#1	3.794778	3.665426	3.699257	3.829448	3.883814	7.507713
#2	3.800423	3.822179	3.694175	3.857742	3.887062	7.564938
#3	3.809658	4.022886	3.711725	3.872448	3.883711	7.566697

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**7.504786**	**.1936554**	**1.887248**	**18.78462**	**.7835728**	**1.904038**
Stddev	.015203	.0012481	.006819	.01194	.0033102	.004936
%RSD	.2025744	.6444750	.3613201	.0635591	.4224549	.2592339
#1	7.495874	.1922389	1.881084	18.79569	.7806388	1.900464
#2	7.522340	.1945936	1.886087	18.78619	.7871615	1.901980
#3	7.496143	.1941336	1.894573	18.77197	.7829183	1.909669

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.9757574**	**3.804992**	**1.857045**	**18.82488**	**1.906140**	**.9556081**
Stddev	.0014391	.009815	.004345	.05372	.003375	.0017561
%RSD	.1474838	.2579611	.2339500	.2853810	.1770486	.1837642
#1	.9741325	3.813947	1.852392	18.85716	1.903574	.9538009
#2	.9768709	3.794498	1.860995	18.76287	1.904884	.9557154
#3	.9762689	3.806532	1.857749	18.85462	1.909963	.9573081

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**18.31319**	**1.879473**	**1.922675**	**18.86119**	**3.729372**	**3.847311**
Stddev	.09444	.003235	.006766	.11506	.025683	.011896
%RSD	.5157022	.1721031	.3519140	.6100171	.6886659	.3091976
#1	18.39997	1.875864	1.914892	18.99257	3.699769	3.835693
#2	18.32698	1.882112	1.925978	18.81260	3.742645	3.846772
#3	18.21261	1.880441	1.927155	18.77840	3.745703	3.859467

Sample Name: ICV01 Acquired: 10/21/2025 12:40:04 Type: Unk
Method: 6010-200.7 NEW(v304) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.783219	3.721680	F 3.557712	F .0054436	F .0303306	F 3.369123
Stddev	.017059	.008037	.016517	.0016015	.0033823	.007432
%RSD	.4509054	.2159400	.4642486	29.41994	11.15147	.2205793
#1	3.771049	3.719211	3.566371	.0050882	.0336021	3.372506
#2	3.775891	3.730661	3.568098	.0040497	.0268474	3.374261
#3	3.802718	3.715167	3.538666	.0071930	.0305425	3.360602

Elem	Sr4077
Units	ppm
Avg	3.801734
Stddev	.030220
%RSD	.7949048
#1	3.774823
#2	3.795953
#3	3.834428

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5563.982	90468.16	7282.105	4308.941	6464.981
Stddev	7.275	132.44	26.520	13.394	12.883
%RSD	.1307549	.1463920	.3641799	.3108439	.1992757
#1	5570.682	90408.64	7310.140	4324.334	6474.335
#2	5565.020	90375.92	7257.418	4299.945	6470.322
#3	5556.243	90619.91	7278.757	4302.544	6450.287

Sample Name: LLICV01 Acquired: 10/21/2025 12:44:10 Type: Unk
Method: 6010-200.7 NEW(v304) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0200935**	**.0416540**	**.0109795**	**.0230714**	**.0520651**	**.1101974**
Stddev	.0027285	.0013325	.0008753	.0003999	.0009594	.0041528
%RSD	13.57892	3.198899	7.971785	1.733320	1.842618	3.768539
#1	.0191925	.0431019	.0100412	.0229285	.0522964	.1106988
#2	.0231585	.0404793	.0111236	.0235232	.0528876	.1058167
#3	.0179295	.0413808	.0117738	.0227626	.0510112	.1140768

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0950069**	**.0062074**	**.0056790**	**1.994871**	**.0099830**	**.0288495**
Stddev	.0002733	.0000483	.0001232	.022285	.0002707	.0001003
%RSD	.2876432	.7773782	2.169976	1.117135	2.711708	.3476838
#1	.0947146	.0062228	.0057439	2.009044	.0100493	.0289641
#2	.0950499	.0062461	.0055368	1.969184	.0096853	.0288069
#3	.0952560	.0061533	.0057561	2.006385	.0102144	.0287775

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0214594**	**.1090099**	**.0197038**	**2.061612**	**.0389386**	**.0102849**
Stddev	.0004669	.0086900	.0005906	.013759	.0002470	.0004898
%RSD	2.175968	7.971792	2.997293	.6674063	.6342821	4.762353
#1	.0217080	.1007117	.0203805	2.047456	.0391367	.0103747
#2	.0217495	.1082730	.0192924	2.062445	.0386619	.0107236
#3	.0209207	.1180449	.0194384	2.074937	.0390172	.0097564

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.790000**	**.0347633**	**.0417254**	**1.980475**	**.0934535**	**.1985323**
Stddev	.030520	.0022999	.0001966	.020879	.0003070	.0000765
%RSD	1.705049	6.615900	.4712684	1.054222	.3285118	.0385238
#1	1.821824	.0353543	.0415716	1.956459	.0931006	.1984683
#2	1.760976	.0322256	.0416576	1.990655	.0936586	.1985117
#3	1.787201	.0367101	.0419469	1.994311	.0936014	.1986170

Sample Name: LLICV01 Acquired: 10/21/2025 12:44:10 Type: Unk
Method: 6010-200.7 NEW(v304) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0370023	.0377455	.3434312	.0163392	.0233007	F .0095657
Stddev	.0003512	.0028011	.0027848	.0007396	.0007606	.0073048
%RSD	.9491359	7.420993	.8108842	4.526459	3.264107	76.36444
#1	.0368987	.0361224	.3425770	.0155782	.0225942	.0019629
#2	.0367145	.0409799	.3465431	.0170553	.0241057	.0165307
#3	.0373936	.0361342	.3411735	.0163841	.0232023	.0102034

Elem	Sr4077
Units	ppm
Avg	.0202346
Stddev	.0001023
%RSD	.5056574
#1	.0202369
#2	.0201312
#3	.0203358

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5705.413	94409.16	7415.770	4446.190	7233.483
Stddev	1.584	180.40	21.121	4.356	9.048
%RSD	.0277594	.1910792	.2848122	.0979725	.1250832
#1	5704.825	94292.43	7436.398	4444.842	7223.357
#2	5704.206	94318.12	7416.726	4451.061	7236.319
#3	5707.206	94616.94	7394.188	4442.667	7240.773

Sample Name: ICB01 Acquired: 10/21/2025 12:50:28 Type: Unk
Method: 6010-200.7 NEW(v304) 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	**-.000657**	**.0007260**	**-.000022**	**.0016661**	**.0008136**	**.0092587**	**.0015768**
Stddev	.001552	.0009024	.000762	.0029099	.0021624	.0039515	.0041825
%RSD	236.1735	124.2975	3395.914	174.6561	265.7897	42.67905	265.2615
#1	-.002438	-.000213	-.000791	.0034557	.0025185	.0066625	-.001076
#2	.000063	.000804	.000733	.0032340	-.001619	.0138063	.006398
#3	.000404	.001587	-.000009	-.001692	.001541	.0073072	-.000592

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0000255**	**-.000059**	**.0046926**	**-.000107**	**-.000115**	**.0001938**	**.0096223**
Stddev	.0000434	.000025	.0043580	.000350	.000079	.0001118	.0035549
%RSD	170.0642	42.70912	92.86875	327.9350	68.74740	57.71126	36.94443
#1	.0000736	-.000042	-.000267	.000099	-.000108	.0002213	.0121564
#2	-.000011	-.000047	.006435	-.000511	-.000039	.0002893	.0111520
#3	.000014	-.000088	.007910	.000092	-.000197	.0000708	.0055586

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000197**	**.0125593**	**-.000070**	**-.000025**	**-.051070**	**-.001512**	**.0001988**
Stddev	.000545	.0268069	.000084	.000216	.036737	.004767	.0002105
%RSD	276.0197	213.4424	120.2710	849.2376	71.93436	315.2843	105.8875
#1	-.000063	.0273329	-.000152	.000224	-.067245	.003464	.0003602
#2	-.000797	.0287292	.000017	-.000152	-.076945	-.001962	-.000039
#3	.000268	-.018384	-.000075	-.000148	-.009021	-.006038	.000276

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.061255**	**-.009094**	**-.000415**	**-.010728**	**.0011672**	**-.011736**	**-.001932**
Stddev	.042479	.002037	.000107	.000249	.0025116	.012242	.000752
%RSD	69.34788	22.39552	25.72564	2.318042	215.1791	104.3125	38.90604
#1	-.102828	-.009937	-.000384	-.010851	-.000814	-.023020	-.002786
#2	-.017925	-.006771	-.000534	-.010442	.003992	.001279	-.001370
#3	-.063011	-.010574	-.000327	-.010891	.000324	-.013466	-.001641

Sample Name: ICB01 Acquired: 10/21/2025 12:50:28 Type: Unk
Method: 6010-200.7 NEW(v304) 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	.0026762	-.008893	-.000073
Stddev	.0027678	.003851	.000100
%RSD	103.4224	43.30390	136.9210
#1	.0005721	-.004487	-.000156
#2	.0058115	-.010580	.000037
#3	.0016450	-.011613	-.000099

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5596.288	90410.60	6749.930	4251.766	7180.883
Stddev	8.192	115.78	581.219	6.898	11.902
%RSD	.1463849	.1280573	8.610746	.1622320	.1657434
#1	5587.729	90486.78	7084.530	4248.543	7171.573
#2	5597.078	90277.37	6078.797	4259.685	7176.784
#3	5604.056	90467.66	7086.463	4247.070	7194.293

Sample Name: CRI01 Acquired: 10/21/2025 12:54:47 Type: Unk
Method: 6010-200.7 NEW(v304) 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	**.0222154**	**.0428091**	**.0118845**	**.0242795**	**.0498868**	**.1101083**
Stddev	.0012658	.0010363	.0007385	.0014371	.0028011	.0108464
%RSD	5.697745	2.420850	6.213630	5.918933	5.615007	9.850639
#1	.0230019	.0436570	.0114103	.0249649	.0518117	.1071956
#2	.0207552	.0431165	.0115078	.0226281	.0511753	.1221137
#3	.0228890	.0416539	.0127353	.0252457	.0466732	.1010157

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0981445**	**.0062259**	**.0055922**	**2.025391**	**.0099436**	**.0288329**
Stddev	.0015378	.0000485	.0000588	.010907	.0000692	.0001166
%RSD	1.566864	.7787637	1.051845	.5385043	.6959599	.4044205
#1	.0991686	.0062403	.0056478	2.037953	.0099761	.0288548
#2	.0963762	.0061719	.0055982	2.018327	.0099906	.0287069
#3	.0988888	.0062656	.0055306	2.019894	.0098642	.0289370

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0216132**	**.1071350**	**.0208790**	**2.093070**	**.0385872**	**.0099476**
Stddev	.0004354	.0056717	.0004859	.024007	.0003277	.0004499
%RSD	2.014559	5.294012	2.327255	1.146991	.8492870	4.522665
#1	.0214657	.1135458	.0210356	2.120768	.0382388	.0094283
#2	.0212707	.1027697	.0203342	2.080198	.0386333	.0101945
#3	.0221032	.1050897	.0212674	2.078243	.0388894	.0102201

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.867670**	**.0355517**	**.0418813**	**1.862944**	**.0884837**	**.1961754**
Stddev	.008811	.0026075	.0001467	.049817	.0008572	.0009147
%RSD	.4717629	7.334498	.3503383	2.674120	.9687938	.4662565
#1	1.866259	.0385517	.0419737	1.835748	.0889965	.1959577
#2	1.877101	.0342735	.0417122	1.920441	.0889606	.1953892
#3	1.859650	.0338298	.0419582	1.832645	.0874941	.1971793

Sample Name: CRI01 Acquired: 10/21/2025 12:54:47 Type: Unk
Method: 6010-200.7 NEW(v304) 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	.0372747	.0383629	.3254299	.0196118	.0252300	F .0102393
Stddev	.0003447	.0006692	.0127318	.0008401	.0013483	.0046723
%RSD	.9248032	1.744353	3.912300	4.283671	5.343939	45.63103
#1	.0374438	.0378276	.3197788	.0189871	.0237666	.0148799
#2	.0368780	.0391131	.3400091	.0192815	.0264218	.0055359
#3	.0375021	.0381480	.3165019	.0205669	.0255018	.0103022

Elem	Sr4077
Units	ppm
Avg	.0208013
Stddev	.0002967
%RSD	1.426580
#1	.0205868
#2	.0211400
#3	.0206772

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5600.906	92551.51	7107.468	4429.651	7094.094
Stddev	14.260	322.86	30.072	24.965	22.296
%RSD	.2545960	.3488430	.4231078	.5635905	.3142925
#1	5585.575	92257.14	7087.409	4415.160	7073.119
#2	5613.773	92896.81	7142.045	4458.478	7117.510
#3	5603.369	92500.57	7092.951	4415.314	7091.652

Sample Name: ICSA01 Acquired: 10/21/2025 12:59:03 Type: Unk
Method: 6010-200.7 NEW(v304) 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	**.0074308**	**.0153864**	**-.003563**	**.0063739**	**-.001702**	**230.6471**
Stddev	.0006532	.0036640	.001246	.0018735	.002961	.5292
%RSD	8.790128	23.81336	34.97161	29.39373	173.9370	.2294357
#1	.0073550	.0162451	-.004141	.0065812	.001276	231.1027
#2	.0068189	.0113692	-.002133	.0081351	-.001738	230.0666
#3	.0081186	.0185447	-.004414	.0044053	-.004645	230.7719

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0002084**	**.0016766**	**.0014228**	**218.9252**	**.0436948**	**.0018651**
Stddev	.0016883	.0000532	.0001491	.7922	.0002355	.0001019
%RSD	810.2101	3.172151	10.47825	.3618476	.5390507	5.465711
#1	-.000690	.0017259	.0012514	219.8350	.0435656	.0019533
#2	-.000841	.0016203	.0014948	218.3883	.0439666	.0017535
#3	.002156	.0016836	.0015223	218.5522	.0435521	.0018885

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0178074**	**91.44059**	**.0057005**	**231.4650**	**.0038040**	**-.002887**
Stddev	.0001605	.28932	.0006748	.7593	.0002807	.000676
%RSD	.9013465	.3164005	11.83834	.3280427	7.379669	23.40810
#1	.0179755	91.76811	.0061685	232.3165	.0040480	-.002518
#2	.0177911	91.33385	.0060062	230.8583	.0038670	-.002476
#3	.0176557	91.21980	.0049269	231.2203	.0034972	-.003667

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0514709**	**.0035814**	**.0034432**	**.2514901**	**.0354631**	**-.000455**
Stddev	.0081079	.0009966	.0000724	.0213638	.0010634	.000116
%RSD	15.75234	27.82798	2.101619	8.494872	2.998685	25.49649
#1	.0458119	.0043590	.0033737	.2276913	.0343555	-.000558
#2	.0607595	.0024579	.0035181	.2690131	.0364760	-.000476
#3	.0478413	.0039272	.0034378	.2577658	.0355578	-.000329

Sample Name: ICSA01 Acquired: 10/21/2025 12:59:03 Type: Unk
Method: 6010-200.7 NEW(v304) 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	-.014496	-.003795	-.000076	.0031529	.0007825	F .0738910
Stddev	.000959	.000816	.003485	.0003465	.0037682	.0014705
%RSD	6.616059	21.49837	4599.228	10.99055	481.5386	1.990038
#1	-.015369	-.003640	.000782	.0028825	.0037203	.0722291
#2	-.013470	-.004677	.002901	.0030327	.0020933	.0744202
#3	-.014649	-.003067	-.003910	.0035435	-.003466	.0750235

Elem	Sr4077
Units	ppm
Avg	.0044392
Stddev	.0005209
%RSD	11.73512
#1	.0049505
#2	.0044581
#3	.0039091

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5471.175	87479.13	7304.827	4240.012	5969.665
Stddev	9.331	142.44	30.228	13.111	14.215
%RSD	.1705531	.1628281	.4138036	.3092238	.2381273
#1	5466.774	87347.13	7270.635	4226.136	5958.820
#2	5464.859	87630.11	7315.852	4241.707	5964.418
#3	5481.893	87460.15	7327.995	4252.193	5985.759

Sample Name: ICSAB01 Acquired: 10/21/2025 13:03:15 Type: Unk
Method: 6010-200.7 NEW(v304) 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	**.1033486**	**.1102201**	**.0457954**	**.0550946**	**.5781575**	**241.6358**
Stddev	.0015365	.0099197	.0006371	.0035810	.0028149	.6100
%RSD	1.486698	8.999943	1.391226	6.499663	.4868709	.2524545
#1	.1030306	.1203007	.0454841	.0524594	.5803131	242.2448
#2	.1019960	.1098899	.0465283	.0536527	.5749729	241.0248
#3	.1050192	.1004695	.0453738	.0591718	.5791865	241.6378

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4714585**	**.4977050**	**.9738577**	**227.8420**	**.5355575**	**.4904860**
Stddev	.0032949	.0056134	.0025981	.7899	.0016222	.0020549
%RSD	.6988690	1.127861	.2667801	.3466898	.3029032	.4189443
#1	.4702428	.5013564	.9754574	227.9638	.5337568	.4901362
#2	.4689443	.4912413	.9708600	226.9983	.5360111	.4886285
#3	.4751886	.5005173	.9752557	228.5640	.5369046	.4926934

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4786767**	**97.53143**	**.4686490**	**241.9801**	**.9729978**	**.2033112**
Stddev	.0024073	.98062	.0049475	1.2341	.0036401	.0001965
%RSD	.5029022	1.005437	1.055689	.5099890	.3741101	.0966538
#1	.4804186	96.40189	.4677140	242.5796	.9740530	.2031282
#2	.4759297	98.02750	.4642358	240.5607	.9689467	.2032864
#3	.4796816	98.16489	.4739973	242.7998	.9759938	.2035189

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0957185**	**.4692826**	**1.020125**	**.2421139**	**.9433871**	**.9554289**
Stddev	.0070639	.0027551	.004506	.0567925	.0065485	.0053076
%RSD	7.379876	.5870910	.4416659	23.45692	.6941468	.5555190
#1	.0992063	.4662378	1.015466	.1765480	.9477273	.9603582
#2	.1003601	.4700064	1.020450	.2760004	.9358546	.9498103
#3	.0875890	.4716035	1.024459	.2737932	.9465793	.9561183

Sample Name: ICSAB01 Acquired: 10/21/2025 13:03:15 Type: Unk
Method: 6010-200.7 NEW(v304) 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	.9547255	.9262747	.9781966	F .0054967	F .0094046	F .0817108
Stddev	.0046664	.0066073	.0079852	.0015913	.0020831	.0040816
%RSD	.4887656	.7133152	.8163175	28.94940	22.15011	4.995133
#1	.9600790	.9260671	.9851397	.0068920	.0070193	.0861489
#2	.9525781	.9197737	.9799794	.0037637	.0108657	.0781182
#3	.9515194	.9329833	.9694707	.0058345	.0103289	.0808654

Elem	Sr4077
Units	ppm
Avg	F .0014955
Stddev	.0009903
%RSD	66.21729
#1	.0023741
#2	.0004224
#3	.0016900

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5222.805	82065.39	7109.203	3907.715	5669.717
Stddev	23.321	304.96	63.858	26.807	18.454
%RSD	.4465280	.3716106	.8982438	.6859945	.3254795
#1	5214.895	82411.30	7072.646	3938.653	5665.669
#2	5249.052	81949.56	7182.939	3893.120	5689.858
#3	5204.467	81835.32	7072.025	3891.373	5653.623

Reviewed By:jaswal
On:10/24/2025 6:34:14 PM
Inst Id :P4
LB :LB137613

Sample Name: ICSA01 Acquired: 10/21/2025 13:07:15 Type: Unk
Method: 6010-200.7 NEW(v304) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000465**	**-.000469**	**.0007215**	**.0020080**	**-.000268**	**11.47551**	**-.002645**
Stddev	.001799	.001086	.0009177	.0018314	.000330	.03043	.001097
%RSD	386.5640	231.6975	127.1960	91.20139	123.3235	.2652078	41.47028
#1	-.001495	-.001718	-.000252	.0021879	-.000069	11.50875	-.001568
#2	-.001513	.000237	.000845	.0037428	-.000085	11.46874	-.002606
#3	.001612	.000076	.001571	.0000934	-.000649	11.44903	-.003761

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0001532**	**-.000022**	**11.28942**	**.0023462**	**.0000317**	**.0035054**	**4.521286**
Stddev	.0000349	.000049	.04798	.0002689	.0000406	.0002965	.026238
%RSD	22.80122	220.1270	.4249883	11.46215	128.1274	8.456894	.5803233
#1	.0001421	-.000053	11.31797	.0020784	.0000583	.0037863	4.504203
#2	.0001923	.000034	11.31626	.0026163	.0000519	.0031955	4.508158
#3	.0001251	-.000048	11.23403	.0023437	-.000015	.0035345	4.551497

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000005**	**11.67764**	**.0002377**	**-.000126**	**-.048491**	**.0016329**	**.0019240**
Stddev	.000400	.03362	.0002669	.000126	.021228	.0030100	.0003820
%RSD	7284.275	.2879376	112.2866	99.77478	43.77739	184.3353	19.85553
#1	.000304	11.71486	.0004663	-.000258	-.072021	-.000844	.0019324
#2	-.000457	11.66862	.0003022	-.000007	-.042675	.000759	.0015379
#3	.000137	11.64945	-.000056	-.000113	-.030777	.004983	.0023018

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.026314**	**-.015616**	**-.000394**	**-.012687**	**-.000911**	**-.009586**	**-.001073**
Stddev	.028613	.000972	.000157	.000453	.002186	.007257	.000966
%RSD	108.7347	6.221366	39.84496	3.573453	239.9285	75.70851	90.04136
#1	.005957	-.014594	-.000574	-.012287	-.000907	-.014622	-.000072
#2	-.048582	-.016527	-.000286	-.013179	.001273	-.001267	-.001999
#3	-.036317	-.015726	-.000321	-.012595	-.003099	-.012868	-.001147

Reviewed By:jaswal
On:10/24/2025 6:34:14 PM
Inst Id :P4
LB :LB137613

Sample Name: ICSA01 Acquired: 10/21/2025 13:07:15 Type: Unk
Method: 6010-200.7 NEW(v304) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0038076	-.008214	.0002348
Stddev	.0008811	.003058	.0001195
%RSD	23.14045	37.22759	50.88473
#1	.0045720	-.009072	.0003522
#2	.0028439	-.010750	.0001134
#3	.0040069	-.004818	.0002387

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5872.355	95736.81	7616.183	4523.820	7209.072
Stddev	3.066	196.47	32.149	4.029	5.650
%RSD	.0522134	.2052188	.4221123	.0890542	.0783688
#1	5868.815	95914.48	7595.587	4519.168	7203.229
#2	5874.106	95770.13	7599.733	4526.186	7209.482
#3	5874.145	95525.81	7653.228	4526.105	7214.506

Sample Name: ICSAB01 Acquired: 10/21/2025 13:11:31 Type: Unk
Method: 6010-200.7 NEW(v304) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0060364	.0077472	.0016534	.0024465	.0274670	11.64982	.0226345
Stddev	.0011859	.0028102	.0003270	.0024716	.0013418	.08398	.0000477
%RSD	19.64524	36.27438	19.77640	101.0233	4.885223	.7209030	.2107357
#1	.0055015	.0052970	.0016035	.0033579	.0283914	11.55301	.0225857
#2	.0073955	.0071298	.0020025	.0043330	.0259280	11.69329	.0226810
#3	.0052123	.0108148	.0013543	-.000351	.0280817	11.70316	.0226368

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0246664	.0450207	11.45782	.0263510	.0226473	.0250251	4.541858
Stddev	.0003224	.0000673	.10085	.0002574	.0000481	.0005611	.031440
%RSD	1.307219	.1494705	.8802170	.9768655	.2123082	2.241999	.6922222
#1	.0243347	.0450737	11.34262	.0264403	.0226002	.0252706	4.575913
#2	.0249787	.0449450	11.50067	.0260608	.0226963	.0243831	4.513939
#3	.0246857	.0450435	11.53018	.0265518	.0226453	.0254215	4.535720

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0241452	11.86471	.0456800	.0092509	-.056402	.0220981	.0488915
Stddev	.0003667	.08990	.0001232	.0007378	.010807	.0013597	.0001113
%RSD	1.518612	.7577333	.2696422	7.975126	19.16062	6.152895	.2275566
#1	.0242743	11.78369	.0457667	.0097187	-.068408	.0235345	.0490198
#2	.0244298	11.84901	.0455390	.0084004	-.047453	.0219288	.0488221
#3	.0237314	11.96143	.0457343	.0096335	-.053344	.0208310	.0488326

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.035343	.0336393	.0511662	.0367559	.0496422	.0209582	-.000102
Stddev	.031262	.0009050	.0001052	.0003476	.0017507	.0137494	.000520
%RSD	88.45293	2.690328	.2055920	.9457744	3.526670	65.60386	511.4739
#1	-.066791	.0330971	.0512497	.0370753	.0511095	.0055882	-.000036
#2	-.034967	.0346841	.0510481	.0363857	.0501129	.0251983	.000382
#3	-.004271	.0331367	.0512009	.0368068	.0477043	.0320881	-.000652

Reviewed By:jaswal
On:10/24/2025 6:34:14 PM
Inst Id :P4
LB :LB137613

Sample Name: ICSAB01 Acquired: 10/21/2025 13:11:31 Type: Unk
Method: 6010-200.7 NEW(v304) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0043203	-.005156	.0003020
Stddev	.0013908	.003080	.0000458
%RSD	32.19161	59.73951	15.14621
#1	.0056428	-.004675	.0002785
#2	.0028700	-.008449	.0002728
#3	.0044481	-.002345	.0003547

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5706.886	93373.76	7302.620	4457.593	6985.546
Stddev	12.388	254.70	93.316	16.787	17.197
%RSD	.2170776	.2727778	1.277840	.3765826	.2461865
#1	5699.158	93162.27	7405.640	4438.475	6972.258
#2	5721.175	93656.51	7223.761	4464.383	7004.970
#3	5700.324	93302.51	7278.458	4469.921	6979.410

Reviewed By:jaswal
On:10/24/2025 6:34:14 PM
Inst Id :P4
LB :LB137613

Sample Name: CCV01 Acquired: 10/21/2025 13:45:39 Type: Unk
Method: 6010-200.7 NEW(v304) 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	**4.822491**	**5.227069**	**4.795726**	**4.824523**	**4.831624**	**9.781940**	**9.659796**
Stddev	.021654	.150844	.022783	.004958	.018277	.037262	.060514
%RSD	.4490278	2.885821	.4750704	.1027599	.3782774	.3809296	.6264478
#1	4.819115	5.394757	4.786046	4.824186	4.815403	9.788115	9.701645
#2	4.802723	5.184021	4.779381	4.819743	4.828043	9.815729	9.687331
#3	4.845635	5.102429	4.821751	4.829641	4.851427	9.741976	9.590411

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2420607**	**2.422163**	**24.23300**	**.9762486**	**2.410188**	**1.223560**	**4.747322**
Stddev	.0014584	.006998	.10787	.0024210	.008663	.004011	.033745
%RSD	.6024794	.2889050	.4451400	.2479923	.3594123	.3278161	.7108162
#1	.2437103	2.420004	24.33706	.9752642	2.406919	1.220588	4.708466
#2	.2415291	2.416499	24.24027	.9744749	2.403636	1.221969	4.769276
#3	.2409428	2.429986	24.12168	.9790068	2.420009	1.228122	4.764224

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.407138**	**24.28133**	**2.413848**	**1.201943**	**23.87266**	**2.428151**	**2.425732**
Stddev	.012778	.04937	.008615	.002172	.05796	.008857	.006251
%RSD	.5308219	.2033411	.3568996	.1807438	.2427772	.3647475	.2576956
#1	2.409302	24.33145	2.410464	1.199492	23.87757	2.422327	2.419566
#2	2.418695	24.27979	2.407440	1.202709	23.92800	2.438343	2.425567
#3	2.393416	24.23274	2.423642	1.203629	23.81240	2.423784	2.432065

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**23.76980**	**4.829537**	**4.932925**	**4.814095**	**4.839600**	**4.874925**	**4.814313**
Stddev	.14594	.018181	.009188	.021137	.014303	.051726	.004944
%RSD	.6139588	.3764592	.1862503	.4390591	.2955439	1.061056	.1027018
#1	23.61712	4.848704	4.931923	4.815282	4.845493	4.815885	4.817131
#2	23.90790	4.827373	4.924279	4.792389	4.850015	4.912267	4.808604
#3	23.78438	4.812535	4.942572	4.834612	4.823292	4.896625	4.817204

Reviewed By:jaswal
On:10/24/2025 6:34:14 PM
Inst Id :P4
LB :LB137613

Sample Name: CCV01 Acquired: 10/21/2025 13:45:39 Type: Unk
Method: 6010-200.7 NEW(v304) 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	**4.704946**	**4.804899**	**4.752184**
Stddev	.028391	.049507	.063522
%RSD	.6034328	1.030347	1.336691
#1	4.734629	4.838847	4.807814
#2	4.678053	4.827758	4.765768
#3	4.702155	4.748093	4.682968

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**5543.212**	**90941.06**	**7138.558**	**4298.952**	**6421.995**
Stddev	8.138	267.73	52.246	6.068	16.939
%RSD	.1468127	.2943963	.7318797	.1411486	.2637725
#1	5544.133	90739.19	7078.851	4304.404	6417.179
#2	5550.850	91244.76	7160.934	4300.039	6440.821
#3	5534.653	90839.23	7175.889	4292.415	6407.985

Reviewed By:jaswal
On:10/24/2025 6:34:14 PM
Inst Id :P4
LB :LB137613

Sample Name: CCB01 Acquired: 10/21/2025 13:54:01 Type: Unk
Method: 6010-200.7 NEW(v304) 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	**-.000732**	**-.000332**	**.0000346**	**.0014506**	**.0013324**	**.0083114**	**.0009341**
Stddev	.000378	.000884	.0008174	.0027018	.0010432	.0139751	.0010716
%RSD	51.66679	266.2167	2359.519	186.2514	78.29003	168.1440	114.7201
#1	-.000504	-.000826	.0002478	-.001606	.0001471	-.007601	.0002488
#2	-.000522	-.000859	.0007244	.002439	.0021106	.013941	.0003846
#3	-.001168	.000689	-.000868	.003519	.0017396	.018593	.0021691

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000010**	**-.000060**	**.0083190**	**.0001150**	**-.000188**	**.0000655**	**-.003188**
Stddev	.000036	.000027	.0066308	.0002700	.000079	.0001801	.005020
%RSD	360.2314	44.51557	79.70683	234.7630	41.89207	274.9986	157.4543
#1	-.000036	-.000085	.0107190	.0004220	-.000098	.0000821	-.006467
#2	-.000024	-.000032	.0008224	-.000086	-.000222	.0002367	-.005687
#3	.000031	-.000062	.0134156	.000009	-.000244	-.000122	.002591

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000302**	**-.006251**	**-.000262**	**-.000045**	**-.091017**	**.0000467**	**.0000128**
Stddev	.000284	.015740	.000170	.000069	.016243	.0036068	.0001479
%RSD	93.83561	251.7895	64.78559	153.7759	17.84623	7729.965	1154.150
#1	-.000045	.001051	-.000300	-.000010	-.073808	-.000688	.0001498
#2	-.000607	.004512	-.000409	-.000000	-.093162	-.003137	-.000144
#3	-.000255	-.024316	-.000076	-.000125	-.106081	.003964	.000033

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.112671**	**-.011685**	**-.000293**	**-.011503**	**-.000151**	**-.003860**	**-.000334**
Stddev	.026180	.001221	.000093	.000054	.002975	.009298	.000448
%RSD	23.23551	10.44769	31.69981	.4682056	1976.819	240.8640	134.1198
#1	-.106067	-.012907	-.000386	-.011563	.001842	.004438	-.000752
#2	-.141520	-.011683	-.000200	-.011460	.001277	-.013909	.000139
#3	-.090425	-.010465	-.000292	-.011485	-.003570	-.002109	-.000389

Sample Name: CCB01 Acquired: 10/21/2025 13:54:01 Type: Unk
Method: 6010-200.7 NEW(v304) 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	.0049078	-.004902	.0000600
Stddev	.0018266	.002458	.0000698
%RSD	37.21883	50.14097	116.2913
#1	.0066397	-.002626	.0001406
#2	.0029993	-.004571	.0000187
#3	.0050844	-.007508	.0000207

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5664.002	93319.68	7041.265	4455.728	7326.882
Stddev	.620	211.23	42.553	10.211	6.421
%RSD	.0109493	.2263496	.6043384	.2291633	.0876348
#1	5664.686	93076.62	7088.086	4455.629	7319.651
#2	5663.477	93423.57	7030.762	4445.566	7329.081
#3	5663.843	93458.83	7004.947	4465.987	7331.915

Sample Name: LR-1 Acquired: 10/21/2025 13:57:53 Type: Unk
Method: 6010-200.7 NEW(v304) 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	**.0051930**	**.0158169**	**-.003180**	**-.013955**	**.0260306**	**.4910741**	**.0206954**
Stddev	.0049620	.0039238	.003336	.007345	.0045680	.0161258	.0010566
%RSD	95.55181	24.80763	104.8962	52.63362	17.54856	3.283773	5.105732
#1	.0105664	.0129867	-.006992	-.006612	.0300055	.4777000	.0215894
#2	.0042285	.0141679	-.001755	-.013952	.0210404	.4865411	.0195294
#3	.0007841	.0202961	-.000793	-.021302	.0270458	.5089813	.0209675

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0009636**	**.0012373**	**2194.718**	**.0577044**	**.0069947**	**.0109616**	**.9198065**
Stddev	.0000809	.0000714	16.093	.0003767	.0002710	.0005716	.0102504
%RSD	8.389966	5.766264	.7332542	.6527267	3.874489	5.214928	1.114406
#1	.0010304	.0012319	2212.163	.0575200	.0068027	.0105229	.9081016
#2	.0009868	.0011688	2191.540	.0574554	.0073047	.0107539	.9241372
#3	.0008737	.0013112	2180.451	.0581377	.0068768	.0116080	.9271808

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0303397**	**2247.183**	**.0431992**	**.0031713**	**2355.182**	**.0084399**	**.0825493**
Stddev	.0007786	5.361	.0003216	.0002547	21.176	.0038310	.0003397
%RSD	2.566174	.2385840	.7445061	8.031272	.8991257	45.39138	.4115572
#1	.0312181	2246.866	.0435046	.0032377	2338.429	.0044740	.0828447
#2	.0300661	2241.987	.0428635	.0033862	2348.133	.0121200	.0826252
#3	.0297348	2252.696	.0432295	.0028900	2378.983	.0087256	.0821781

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**3.189719**	**-.004984**	**.0112235**	**-.028789**	**-.092065**	**-.036340**	**.0155190**
Stddev	.306404	.000042	.0004764	.001318	.005473	.008236	.0039058
%RSD	9.605983	.8419495	4.244298	4.578373	5.944386	22.66416	25.16768
#1	2.848227	-.005031	.0108410	-.027696	-.087128	-.036104	.0166958
#2	3.280339	-.004969	.0110725	-.028418	-.091116	-.044692	.0187011
#3	3.440593	-.004952	.0117571	-.030253	-.097950	-.028225	.0111601

Sample Name: LR-1 Acquired: 10/21/2025 13:57:53 Type: Unk
Method: 6010-200.7 NEW(v304) 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	.2490148	.9843569	.0591179
Stddev	.0066813	.0217765	.0003365
%RSD	2.683076	2.212252	.5692263
#1	.2442565	.9655955	.0589187
#2	.2461349	.9792385	.0589286
#3	.2566531	1.008237	.0595064

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3682.655	62012.04	6168.270	2911.225	3883.841
Stddev	34.143	82.07	33.048	13.600	32.576
%RSD	.9271203	.1323394	.5357715	.4671719	.8387611
#1	3714.220	61967.00	6148.702	2897.360	3913.191
#2	3687.327	62106.77	6206.426	2911.772	3889.541
#3	3646.416	61962.36	6149.683	2924.544	3848.791

Sample Name: LR-2 Acquired: 10/21/2025 14:02:22 Type: Unk
Method: 6010-200.7 NEW(v304) 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	**.1148138**	**-.048526**	**.0692306**	**.0452964**	**-.152772**	**1916.001**	**.0230828**
Stddev	.0038303	.011932	.0057678	.0067645	.003987	6.126	.0009503
%RSD	3.336076	24.58794	8.331300	14.93379	2.610043	.3197102	4.117154
#1	.1191852	-.035583	.0731375	.0496221	-.149727	1916.718	.0221127
#2	.1132106	-.050909	.0626060	.0487660	-.157286	1921.736	.0240121
#3	.1120457	-.059087	.0719484	.0375011	-.151305	1909.548	.0231235

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0442066**	**.0387003**	**6.062658**	**-.284708**	**.0777439**	**.3987937**	**2530.271**
Stddev	.0004373	.0021540	.165226	.000925	.0002544	.0051695	8.722
%RSD	.9891577	5.565745	2.725300	.3249382	.3272212	1.296290	.3447086
#1	.0447089	.0387943	6.236839	-.283809	.0776818	.4039586	2520.777
#2	.0440000	.0365009	6.042986	-.284659	.0780236	.3988029	2532.107
#3	.0439110	.0408057	5.908149	-.285658	.0775263	.3936196	2537.928

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.252676**	**1.079826**	**.0500173**	**^ *****	**3.287825**	**.0656327**	**.0614071**
Stddev	.000625	.042509	.0008652	-----	.027124	.0010564	.0020721
%RSD	.2473370	3.936641	1.729739	-----	.8249717	1.609502	3.374402
#1	-.252021	1.073067	.0490208	^ -----	3.318138	.0644452	.0637067
#2	-.253267	1.125310	.0505763	^ -----	3.265846	.0664679	.0608297
#3	-.252739	1.041102	.0504549	^ -----	3.279492	.0659850	.0596849

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1826.835**	**^ *****	**-.017275**	**.0009102**	**.0038311**	**.4482043**	**.0879342**
Stddev	13.620	-----	.000357	.0031216	.0006174	.0096726	.0048259
%RSD	.7455712	-----	2.064916	342.9535	16.11476	2.158090	5.488079
#1	1839.780	^ -----	-.016955	-.002440	.0033215	.4374022	.0909716
#2	1812.627	^ -----	-.017659	.003737	.0045176	.4511463	.0823695
#3	1828.099	^ -----	-.017210	.001433	.0036543	.4560643	.0904614

Reviewed By:jaswal
On:10/24/2025 6:34:14 PM
Inst Id :P4
LB :LB137613

Sample Name: LR-2 Acquired: 10/21/2025 14:02:22 Type: Unk
Method: 6010-200.7 NEW(v304) 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	-.391503	.2716969	-2.42571
Stddev	.009280	.0036046	.00837
%RSD	2.370362	1.326689	.3449513
#1	-.398068	.2702641	-2.41658
#2	-.380886	.2690290	-2.42751
#3	-.395554	.2757976	-2.43302

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4837.232	75890.78	6728.821	3711.626	4294.166
Stddev	5.076	284.32	41.006	34.578	6.347
%RSD	.1049380	.3746481	.6094121	.9316060	.1478147
#1	4840.887	75568.21	6681.542	3679.631	4287.311
#2	4839.374	75999.14	6754.707	3706.937	4299.840
#3	4831.436	76104.99	6750.215	3748.308	4295.346

Sample Name: PB170187BL Acquired: 10/21/2025 14:11:44 Type: Unk
Method: 6010-200.7 NEW(v304) 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	**.0008509**	**.0002390**	**.0014827**	**-.000365**	**-.000444**	**.0137354**	**-.002143**
Stddev	.0010454	.0005508	.0006534	.001582	.001420	.0086190	.001628
%RSD	122.8491	230.4243	44.06358	433.6896	319.9632	62.75038	75.98183
#1	.0014066	.0000464	.0022249	-.001627	.000984	.0133206	-.002646
#2	-.000355	.0008603	.0012288	.001410	-.001857	.0225544	-.000322
#3	.001501	-.000190	.0009945	-.000878	-.000459	.0053313	-.003460

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0000570**	**-.000059**	**.0102053**	**.0001363**	**-.000066**	**.0000723**	**.0192003**
Stddev	.0000169	.000063	.0136175	.0002164	.000042	.0002367	.0062832
%RSD	29.62683	107.9869	133.4356	158.7837	63.75759	327.5427	32.72441
#1	.0000756	-.000107	.0096771	.0003711	-.000093	-.000187	.0232390
#2	.0000428	.000013	.0240792	-.000055	-.000087	.000127	.0119613
#3	.0000525	-.000082	-.003140	.000093	-.000017	.000277	.0224007

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0002086**	**-.021295**	**.0000242**	**-.000072**	**.1841160**	**-.001728**	**.0007670**
Stddev	.0003496	.001626	.0001075	.000681	.0144060	.001521	.0003054
%RSD	167.6169	7.635270	444.9149	951.3651	7.824416	88.00757	39.81415
#1	.0000578	-.019511	-.000078	.000164	.1691327	-.001556	.0009716
#2	-.000040	-.022694	.000014	.000460	.1853501	-.000301	.0009133
#3	.000608	-.021680	.000136	-.000839	.1978653	-.003328	.0004160

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5598152**	**-.021237**	**-.000334**	**-.004943**	**-.000474**	**-.025467**	**-.000821**
Stddev	.0529238	.000535	.000168	.000445	.000465	.011072	.001275
%RSD	9.453791	2.518775	50.40106	8.993392	98.19738	43.47805	155.2899
#1	.5122111	-.021832	-.000528	-.005436	-.001011	-.028409	-.001717
#2	.5504310	-.020796	-.000255	-.004820	-.000203	-.034770	-.001384
#3	.6168033	-.021084	-.000220	-.004573	-.000207	-.013220	.000638

Reviewed By:jaswal
On:10/24/2025 6:34:14 PM
Inst Id :P4
LB :LB137613

Sample Name: PB170187BL Acquired: 10/21/2025 14:11:44 Type: Unk
Method: 6010-200.7 NEW(v304) 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	.0020103	-.000364	-.000095
Stddev	.0014885	.003260	.000061
%RSD	74.04469	896.0162	64.81437
#1	.0003899	-.004067	-.000026
#2	.0023240	.002070	-.000115
#3	.0033169	.000905	-.000143

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5716.353	94368.22	7436.369	4405.648	7409.406
Stddev	8.346	89.56	9.493	14.871	10.011
%RSD	.1460057	.0949023	.1276536	.3375476	.1351100
#1	5724.597	94449.62	7427.707	4388.983	7420.294
#2	5707.908	94382.76	7446.517	4410.394	7400.599
#3	5716.553	94272.28	7434.882	4417.566	7407.324

Reviewed By:jaswal
On:10/24/2025 6:34:14 PM
Inst Id :P4
LB :LB137613

Sample Name: PB170187BS Acquired: 10/21/2025 14:16:03 Type: Unk
Method: 6010-200.7 NEW(v304) 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	**.7694021**	**1.964099**	**.9182276**	**1.964357**	**.8009881**	**1.964232**
Stddev	.0027006	.065619	.0002182	.004999	.0011762	.006929
%RSD	.3510056	3.340911	.0237655	.2544811	.1468444	.3527369
#1	.7708104	1.965789	.9182120	1.965947	.7996545	1.968399
#2	.7662884	2.028856	.9180176	1.968367	.8018773	1.968062
#3	.7711075	1.897651	.9184532	1.958756	.8014326	1.956234

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1921441**	**.1963798**	**.1819600**	**.9877741**	**.3887697**	**.1879171**
Stddev	.0015842	.0011822	.0002017	.0058647	.0005844	.0002344
%RSD	.8244854	.6019824	.1108230	.5937259	.1503226	.1247260
#1	.1937879	.1962896	.1821927	.9905322	.3894290	.1881841
#2	.1906272	.1952453	.1818370	.9917512	.3883153	.1878218
#3	.1920172	.1976045	.1818502	.9810388	.3885650	.1877454

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3040813**	**2.971001**	**.1985864**	**1.920374**	**.4722489**	**.0706932**
Stddev	.0007365	.014419	.0017109	.015959	.0001677	.0002582
%RSD	.2422043	.4853384	.8615521	.8310379	.0355034	.3652088
#1	.3033698	2.963221	.1985628	1.919440	.4722476	.0704115
#2	.3040337	2.987639	.1968874	1.904902	.4724172	.0707494
#3	.3048405	2.962142	.2003090	1.936779	.4720818	.0709186

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**3.001860**	**.2900945**	**.2079155**	**9.824607**	**.2701450**	**.3980168**
Stddev	.027780	.0026945	.0001192	.029458	.0023795	.0008368
%RSD	.9254300	.9288411	.0573392	.2998380	.8808031	.2102446
#1	3.020628	.2892257	.2080315	9.846557	.2688121	.3982251
#2	3.015006	.2879416	.2079215	9.836137	.2687307	.3987298
#3	2.969947	.2931162	.2077933	9.791129	.2728921	.3970955

Reviewed By:jaswal
On:10/24/2025 6:34:14 PM
Inst Id :P4
LB :LB137613

Sample Name: PB170187BS Acquired: 10/21/2025 14:16:03 Type: Unk
Method: 6010-200.7 NEW(v304) 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	**.6418134**	**.1912884**	**.8435538**	**5.382448**	F **.0041768**	**.1826968**
Stddev	.0025572	.0018190	.0101645	.012582	.0008326	.0052269
%RSD	.3984393	.9509247	1.204958	.2337558	19.93287	2.860985
#1	.6443091	.1893590	.8544804	5.385905	.0042556	.1767541
#2	.6391987	.1929720	.8418017	5.368499	.0033076	.1847552
#3	.6419324	.1915341	.8343793	5.392940	.0049671	.1865812

Elem	Sr4077
Units	ppm
Avg	**.1917900**
Stddev	.0005915
%RSD	.3084332
#1	.1920059
#2	.1911208
#3	.1922432

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**5745.359**	**95112.88**	**7475.295**	**4491.977**	**7143.405**
Stddev	4.184	256.89	54.030	10.546	6.578
%RSD	.0728159	.2700860	.7227842	.2347638	.0920833
#1	5745.909	94833.97	7473.424	4480.621	7136.541
#2	5749.241	95339.79	7530.237	4493.849	7149.654
#3	5740.928	95164.88	7422.225	4501.462	7144.019

Reviewed By:jaswal
On:10/24/2025 6:34:14 PM
Inst Id :P4
LB :LB137613

Sample Name: PB170183BL Acquired: 10/21/2025 14:25:39 Type: Unk
Method: 6010-200.7 NEW(v304) 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	**-.000275**	**-.000465**	**.0001895**	**-.001641**	**-.000538**	**.0246144**
Stddev	.001005	.001344	.0002644	.000367	.001268	.0013422
%RSD	365.0179	289.2998	139.5027	22.38382	235.5786	5.452897
#1	-.001177	-.002013	-.000012	-.001936	-.001915	.0261022
#2	-.000456	.000390	.000489	-.001756	-.000283	.0234947
#3	.000808	.000230	.000092	-.001230	.000583	.0242463

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.002864**	**.0000568**	**-.000065**	**.0168955**	**.0000063**	**-.000207**
Stddev	.000506	.0000164	.000067	.0108916	.0001501	.000075
%RSD	17.66829	28.87601	103.8524	64.46434	2386.746	36.53663
#1	-.003191	.0000412	-.000135	.0058952	.0000883	-.000160
#2	-.003119	.0000553	-.000001	.0276750	.0000975	-.000294
#3	-.002281	.0000739	-.000058	.0171164	-.000167	-.000166

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0001160**	**.0139917**	**-.000211**	**-.007762**	**.0000334**	**-.000087**
Stddev	.0002000	.0077553	.000510	.014480	.0002802	.000225
%RSD	172.3753	55.42775	241.9313	186.5516	838.3055	257.4383
#1	.0003469	.0064985	-.000657	.005363	.0000260	-.000295
#2	.0000016	.0134918	-.000321	-.023294	-.000243	-.000119
#3	-.000000	.0219850	.000346	-.005353	.000317	.000152

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0063540**	**-.000951**	**.0001360**	**.2153448**	**-.022260**	**-.000503**
Stddev	.0174358	.001107	.0000798	.0438962	.000614	.000286
%RSD	274.4045	116.4120	58.66649	20.38412	2.760070	56.85546
#1	.0032007	.000272	.0001601	.1743605	-.021968	-.000832
#2	-.009290	-.001885	.0002011	.2100088	-.021847	-.000322
#3	.025151	-.001241	.0000470	.2616650	-.022966	-.000354

Sample Name: PB170183BL Acquired: 10/21/2025 14:25:39 Type: Unk
Method: 6010-200.7 NEW(v304) 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	.0015654	-.000243	-.016577	.0006112	.0096508	F -.010189
Stddev	.0002090	.001643	.007082	.0006574	.0025070	.006433
%RSD	13.34905	675.6489	42.71840	107.5593	25.97726	63.13146
#1	.0016610	.000831	-.023318	-.000120	.0123390	-.016050
#2	.0013257	.000574	-.017216	.001153	.0092368	-.003307
#3	.0017094	-.002135	-.009198	.000800	.0073766	-.011211

Elem	Sr4077
Units	ppm
Avg	-.000028
Stddev	.000077
%RSD	271.8859
#1	-.000111
#2	.000040
#3	-.000014

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5719.166	94674.80	7402.775	4424.378	7408.759
Stddev	15.388	265.14	39.661	11.503	18.763
%RSD	.2690688	.2800575	.5357528	.2599947	.2532518
#1	5701.879	94493.24	7362.219	4419.195	7387.665
#2	5731.370	94552.10	7441.475	4416.378	7415.029
#3	5724.248	94979.07	7404.633	4437.561	7423.585

Reviewed By:jaswal
On:10/24/2025 6:34:14 PM
Inst Id :P4
LB :LB137613

Sample Name: PB170183BS Acquired: 10/21/2025 14:29:57 Type: Unk
Method: 6010-200.7 NEW(v304) 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	**.7815455**	**2.015385**	**.9281044**	**2.002633**	**.8134290**	**1.973291**
Stddev	.0022703	.082026	.0011939	.013859	.0043404	.005534
%RSD	.2904917	4.069982	.1286345	.6920356	.5335932	.2804531
#1	.7789333	2.092111	.9270986	2.013618	.8100575	1.974360
#2	.7826605	1.928928	.9294237	1.987062	.8119032	1.978213
#3	.7830427	2.025116	.9277909	2.007218	.8183263	1.967300

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1859195**	**.2006547**	**.1844407**	**.9916475**	**.3949434**	**.1899139**
Stddev	.0013725	.0002955	.0002920	.0165431	.0010963	.0003817
%RSD	.7382381	.1472641	.1582945	1.668241	.2775858	.2009694
#1	.1874745	.2003287	.1841880	.9732573	.3936855	.1896852
#2	.1848766	.2009050	.1843736	.9963679	.3954493	.1897021
#3	.1854075	.2007304	.1847603	1.005317	.3956954	.1903545

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3079369**	**3.058116**	**.1941188**	**1.908623**	**.4763679**	**.0744148**
Stddev	.0002354	.011167	.0016791	.009431	.0016562	.0001424
%RSD	.0764383	.3651715	.8650033	.4941158	.3476748	.1913585
#1	.3076728	3.064035	.1933500	1.914154	.4747574	.0745372
#2	.3081247	3.045235	.1929617	1.897734	.4762798	.0744487
#3	.3080131	3.065078	.1960447	1.913981	.4780663	.0742586

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.883463**	**.2909375**	**.2161136**	**9.919614**	**.2789922**	**.4046064**
Stddev	.008147	.0010193	.0007611	.084964	.0009661	.0010033
%RSD	.2825575	.3503390	.3521911	.8565242	.3462827	.2479673
#1	2.892790	.2915504	.2167323	9.941027	.2778835	.4039345
#2	2.879860	.2915012	.2152637	9.825993	.2794396	.4041249
#3	2.877737	.2897609	.2163450	9.991824	.2796535	.4057596

Reviewed By:jaswal
On:10/24/2025 6:34:14 PM
Inst Id :P4
LB :LB137613

Sample Name: PB170183BS Acquired: 10/21/2025 14:29:57 Type: Unk
Method: 6010-200.7 NEW(v304) 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	**.6479224**	**.1878552**	**.8690414**	**5.333735**	F **.0051624**	**.1666953**
Stddev	.0020116	.0007871	.0138695	.006198	.0012601	.0026340
%RSD	.3104613	.4189930	1.595957	.1162044	24.40897	1.580148
#1	.6482189	.1871647	.8779559	5.329232	.0065464	.1693905
#2	.6457790	.1887123	.8530619	5.340804	.0040817	.1665684
#3	.6497692	.1876886	.8761064	5.331169	.0048590	.1641271

Elem	Sr4077
Units	ppm
Avg	**.1892547**
Stddev	.0009048
%RSD	.4781003
#1	.1896045
#2	.1882272
#3	.1899324

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**5741.700**	**92692.70**	**7586.860**	**4300.396**	**7160.832**
Stddev	8.374	270.99	18.918	12.439	13.191
%RSD	.1458396	.2923568	.2493492	.2892452	.1842113
#1	5751.369	92390.98	7607.018	4292.566	7176.061
#2	5736.939	92771.72	7569.493	4293.883	7152.966
#3	5736.792	92915.40	7584.068	4314.739	7153.469

Sample Name: LR-3 Acquired: 10/21/2025 14:33:58 Type: Unk
Method: 6010-200.7 NEW(v304) 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	**.0904995**	**.0365043**	**224.2780**	**.0084994**	**.1331988**	**.0723744**	**-.002561**
Stddev	.0024551	.0031807	1.6449	.0025433	.0059746	.0075755	.000554
%RSD	2.712861	8.713093	.7334247	29.92329	4.485497	10.46708	21.63038
#1	.0931723	.0386432	223.3096	.0108952	.1264153	.0762378	-.003096
#2	.0899814	.0328492	223.3473	.0087724	.1355020	.0636461	-.001990
#3	.0883448	.0380205	226.1773	.0058306	.1376790	.0772392	-.002597

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.005854**	**-.000968**	**.4603277**	**23.59961**	**.0059078**	**52.80641**	**.1238098**
Stddev	.000075	.000074	.0083550	.13447	.0001537	.16321	.0007585
%RSD	1.288641	7.686595	1.815023	.5697868	2.601663	.3090699	.6126114
#1	-.005771	-.001050	.4684241	23.75173	.0060848	52.72031	.1231114
#2	-.005872	-.000948	.4608229	23.49662	.0058305	52.70428	.1237012
#3	-.005919	-.000905	.4517360	23.55047	.0058082	52.99464	.1246166

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**52.41660**	**-.008672**	**23.35425**	**.0026848**	**1.134179**	**-.026037**	**29.46047**
Stddev	.81852	.016522	.07735	.0002011	.026884	.002962	.57987
%RSD	1.561557	190.5293	.3311839	7.491189	2.370355	11.37711	1.968286
#1	53.21494	-.027366	23.32627	.0028880	1.162958	-.029426	30.02040
#2	52.45556	.003973	23.29479	.0024859	1.109710	-.023941	29.49848
#3	51.57930	-.002622	23.44170	.0026805	1.129869	-.024744	28.86254

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2086514**	**-.020033**	**-.016058**	**-.018317**	**-.041671**	**-.145259**	**.2018029**
Stddev	.0221932	.000714	.000433	.000208	.000948	.001555	.0021470
%RSD	10.63652	3.565609	2.699190	1.133561	2.274966	1.070817	1.063917
#1	.2322558	-.020724	-.015561	-.018525	-.042535	-.143594	.2015579
#2	.2054900	-.020078	-.016360	-.018109	-.041821	-.146675	.1997890
#3	.1882084	-.019297	-.016252	-.018317	-.040657	-.145507	.2040620

Reviewed By:jaswal
On:10/24/2025 6:34:14 PM
Inst Id :P4
LB :LB137613

Sample Name: LR-3 Acquired: 10/21/2025 14:33:58 Type: Unk
Method: 6010-200.7 NEW(v304) 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	.0681896	-.011115	.0005217
Stddev	.0045907	.006643	.0000906
%RSD	6.732230	59.76373	17.37012
#1	.0659133	-.009956	.0005153
#2	.0651819	-.005128	.0006153
#3	.0734736	-.018261	.0004344

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5184.642	93377.36	7402.571	4198.892	6860.668
Stddev	18.307	514.18	44.095	23.769	25.645
%RSD	.3531094	.5506524	.5956647	.5660690	.3737907
#1	5204.080	92810.78	7453.477	4171.541	6886.004
#2	5182.121	93814.36	7376.214	4210.594	6861.272
#3	5167.726	93506.95	7378.023	4214.540	6834.726

Reviewed By:jaswal
On:10/24/2025 6:34:14 PM
Inst Id :P4
LB :LB137613

Sample Name: Q3381-02 Acquired: 10/21/2025 14:39:10 Type: Unk
Method: 6010-200.7 NEW(v304) 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	**-.001348**	**-.004823**	**.0043211**	**.0038992**	**.0016998**	**.1445932**	**.1335706**
Stddev	.000858	.002470	.0007620	.0032924	.0010153	.0031257	.0010783
%RSD	63.64908	51.21594	17.63366	84.43913	59.72721	2.161692	.8072789
#1	-.000840	-.004146	.0034414	.0047696	.0012921	.1409844	.1347472
#2	-.002338	-.002762	.0047489	.0002590	.0009518	.1463511	.1326296
#3	-.000865	-.007561	.0047731	.0066690	.0028556	.1464442	.1333350

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0002051**	**.0004716**	**6.495710**	**.0012467**	**.0006059**	**.0056527**	**.0294426**
Stddev	.0000114	.0000373	.037279	.0002612	.0001340	.0002897	.0005893
%RSD	5.560401	7.913495	.5739086	20.95058	22.11777	5.125786	2.001661
#1	.0002176	.0005121	6.526774	.0009824	.0005939	.0055309	.0291867
#2	.0002025	.0004639	6.454370	.0012531	.0007455	.0059834	.0301166
#3	.0001952	.0004387	6.505985	.0015046	.0004783	.0054436	.0290244

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0836807**	**1.960293**	**.0034115**	**-.000252**	**262.7123**	**-.002537**	**.1972758**
Stddev	.0005497	.023538	.0001233	.000303	4.9473	.000603	.0008729
%RSD	.6568424	1.200760	3.613131	120.1485	1.883179	23.78225	.4424859
#1	.0842848	1.964678	.0035351	-.000585	267.8500	-.003175	.1963658
#2	.0832101	1.934870	.0034109	.000010	262.3066	-.002461	.1981062
#3	.0835471	1.981331	.0032886	-.000182	257.9803	-.001976	.1973553

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4597151**	**-.017005**	**.0001998**	**-.038517**	**-.000172**	**.2320370**	**.0120082**
Stddev	.0363351	.000475	.0001590	.000091	.002082	.0080397	.0016427
%RSD	7.903830	2.791544	79.60628	.2367719	1214.050	3.464840	13.67951
#1	.5016389	-.017488	.0003123	-.038618	-.001893	.2269972	.0101741
#2	.4373254	-.016988	.0000178	-.038440	-.000764	.2413087	.0125068
#3	.4401811	-.016539	.0002692	-.038494	.002143	.2278050	.0133439

Reviewed By:jaswal
On:10/24/2025 6:34:14 PM
Inst Id :P4
LB :LB137613

Sample Name: Q3381-02 Acquired: 10/21/2025 14:39:10 Type: Unk
Method: 6010-200.7 NEW(v304) 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	.4248674	-.017213	.0425811
Stddev	.0039897	.000647	.0000789
%RSD	.9390470	3.757558	.1852072
#1	.4227181	-.017690	.0426585
#2	.4224132	-.016477	.0425009
#3	.4294710	-.017471	.0425841

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5498.669	90640.51	7504.156	4333.311	6468.759
Stddev	20.165	301.98	49.888	17.554	27.869
%RSD	.3667338	.3331603	.6648059	.4050901	.4308302
#1	5477.351	90363.44	7480.309	4347.162	6441.664
#2	5501.214	90962.39	7561.492	4313.569	6467.268
#3	5517.441	90595.69	7470.666	4339.201	6497.343

Sample Name: Q3381-04 Acquired: 10/21/2025 14:43:34 Type: Unk
Method: 6010-200.7 NEW(v304) 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	**-.001671**	**-.004692**	**.0031271**	**.0037684**	**.0010131**	**.1218589**	**.2097982**
Stddev	.001958	.001984	.0022574	.0008867	.0018253	.0124984	.0005420
%RSD	117.1772	42.28025	72.18707	23.52999	180.1686	10.25643	.2583241
#1	-.000326	-.005044	.0055580	.0044312	.0030019	.1114543	.2095599
#2	-.000770	-.002555	.0010970	.0027612	.0006232	.1357225	.2104185
#3	-.003918	-.006476	.0027263	.0041129	-.000586	.1184000	.2094163

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0000227**	**.0004293**	**14.58255**	**.0012493**	**.0003676**	**.0039504**	**.0435989**
Stddev	.0000595	.0001030	.07019	.0004202	.0000369	.0001964	.0005508
%RSD	261.8089	23.99426	.4813260	33.63589	10.03003	4.970497	1.263424
#1	-.000030	.0005283	14.50211	.0010354	.0003906	.0041732	.0432119
#2	.000087	.0003227	14.61415	.0009791	.0003250	.0038754	.0442296
#3	.000011	.0004370	14.63138	.0017334	.0003870	.0038026	.0433554

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1404154**	**2.276113**	**.0014886**	**.0000600**	**349.9033**	**-.001796**	**.0736524**
Stddev	.0010745	.020171	.0003010	.0004211	5.7564	.004184	.0006244
%RSD	.7652294	.8862006	20.21727	701.3863	1.645141	232.9097	.8477919
#1	.1391999	2.273316	.0014638	.0005417	356.5358	-.003291	.0730038
#2	.1412385	2.297536	.0018012	-.000123	346.2092	-.005028	.0742495
#3	.1408080	2.257486	.0012009	-.000238	346.9648	.002930	.0737040

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4389920**	**-.015301**	**.0001954**	**-.038352**	**.0012977**	**.6854866**	**.0220777**
Stddev	.0654408	.000595	.0003277	.000688	.0017341	.0191841	.0012775
%RSD	14.90705	3.886455	167.7273	1.794339	133.6262	2.798612	5.786622
#1	.5082005	-.015787	.0001576	-.038533	.0017950	.6724856	.0210081
#2	.4306583	-.014638	.0005402	-.038931	-.000631	.6764546	.0217326
#3	.3781173	-.015479	-.000112	-.037591	.002729	.7075197	.0234923

Reviewed By:jaswal
On:10/24/2025 6:34:14 PM
Inst Id :P4
LB :LB137613

Sample Name: Q3381-04 Acquired: 10/21/2025 14:43:34 Type: Unk
Method: 6010-200.7 NEW(v304) 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	.2136526	-.007060	.0942362		
Stddev	.0008338	.003229	.0005418		
%RSD	.3902533	45.74370	.5748917		
#1	.2126916	-.003906	.0936192		
#2	.2140835	-.010360	.0946340		
#3	.2141828	-.006914	.0944553		

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5392.768	89428.73	7444.043	4248.726	6348.712
Stddev	3.931	98.89	41.022	24.331	11.867
%RSD	.0728854	.1105769	.5510752	.5726683	.1869250
#1	5392.025	89360.83	7452.461	4274.134	6338.233
#2	5397.017	89383.17	7399.464	4225.638	6361.598
#3	5389.262	89542.18	7480.203	4246.407	6346.304

Sample Name: Q3381-06 Acquired: 10/21/2025 14:47:59 Type: Unk
Method: 6010-200.7 NEW(v304) 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	**-.003018**	**-.004520**	**.0046494**	**.0060656**	**.0028396**	**.2430956**	**.1953506**
Stddev	.001222	.003591	.0016892	.0019273	.0010298	.0167872	.0040501
%RSD	40.50849	79.44274	36.33233	31.77439	36.26431	6.905580	2.073275
#1	-.002251	-.002493	.0052651	.0059562	.0019949	.2581330	.1921605
#2	-.004428	-.008666	.0027387	.0041953	.0025372	.2249837	.1939841
#3	-.002375	-.002401	.0059445	.0080452	.0039867	.2461702	.1999073

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0000953**	**.0002748**	**11.96038**	**.0008127**	**.0067430**	**.0049058**	**.1240708**
Stddev	.0000253	.0000703	.21262	.0002201	.0000314	.0003263	.0089683
%RSD	26.52775	25.57596	1.777737	27.07968	.4664026	6.651229	7.228366
#1	.0000768	.0002157	11.81150	.0005744	.0067232	.0048049	.1225857
#2	.0001241	.0003525	11.86575	.0010084	.0067793	.0052706	.1159378
#3	.0000849	.0002562	12.20389	.0008554	.0067266	.0046418	.1336889

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.8808089**	**3.251961**	**.0044841**	**.0000360**	**295.8056**	**-.002351**	**.0582275**
Stddev	.0196259	.082510	.0003171	.0001113	2.5267	.001111	.0003899
%RSD	2.228165	2.537236	7.071373	309.3973	.8541919	47.24724	.6696638
#1	.8649121	3.157941	.0042005	.0000536	297.1699	-.002581	.0581050
#2	.8747700	3.285632	.0048265	-.000083	292.8900	-.001143	.0579135
#3	.9027446	3.312312	.0044253	.000137	297.3570	-.003329	.0586640

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.7704163**	**-.012687**	**.0002915**	**-.037844**	**.0062929**	**.8072956**	**.0116989**
Stddev	.0276579	.000389	.0001250	.000321	.0015099	.0224840	.0025222
%RSD	3.589999	3.064467	42.89841	.8472661	23.99403	2.785102	21.55896
#1	.8015926	-.012239	.0001471	-.037821	.0061593	.8268874	.0093780
#2	.7488290	-.012934	.0003640	-.037535	.0078651	.8122526	.0143829
#3	.7608271	-.012888	.0003632	-.038175	.0048542	.7827467	.0113358

Reviewed By:jaswal
On:10/24/2025 6:34:14 PM
Inst Id :P4
LB :LB137613

Sample Name: Q3381-06 Acquired: 10/21/2025 14:47:59 Type: Unk
Method: 6010-200.7 NEW(v304) 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	.3237204	-.013034	.0750686
Stddev	.0002340	.004871	.0016720
%RSD	.0722763	37.36729	2.227250
#1	.3234786	-.017875	.0740268
#2	.3237369	-.013095	.0741818
#3	.3239457	-.008134	.0769972

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5247.324	86640.45	7187.899	4062.605	6203.475
Stddev	17.202	585.34	139.164	30.941	16.043
%RSD	.3278329	.6756020	1.936094	.7615935	.2586125
#1	5236.468	86004.88	7326.792	4028.788	6187.890
#2	5238.346	86759.08	7188.441	4089.494	6202.596
#3	5267.158	87157.40	7048.465	4069.534	6219.940

Sample Name: CCV02 Acquired: 10/21/2025 15:03:25 Type: Unk
Method: 6010-200.7 NEW(v304) 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	**4.829580**	**4.949762**	**4.658899**	**4.923539**	**4.976611**	**9.531458**	**9.799214**
Stddev	.004862	.119009	.002928	.002708	.007081	.005365	.059416
%RSD	.1006778	2.404342	.0628374	.0550013	.1422781	.0562847	.6063376
#1	4.824343	4.829583	4.656152	4.920417	4.984627	9.527975	9.864299
#2	4.830446	4.952137	4.658567	4.925256	4.971208	9.528764	9.785465
#3	4.833951	5.067566	4.661979	4.924943	4.973999	9.537636	9.747877

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2271099**	**2.305405**	**23.66899**	**.9341959**	**2.340352**	**1.205012**	**4.911865**
Stddev	.0020687	.003469	.06371	.0030520	.002197	.000387	.026871
%RSD	.9108789	.1504725	.2691870	.3266982	.0938959	.0320879	.5470603
#1	.2285686	2.301469	23.60923	.9309840	2.339342	1.204622	4.888654
#2	.2280189	2.306727	23.73603	.9370578	2.338841	1.205021	4.905639
#3	.2247424	2.308018	23.66170	.9345458	2.342873	1.205395	4.941302

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.384015**	**23.19182**	**2.331949**	**1.202691**	**24.76564**	**2.390383**	**2.367760**
Stddev	.002304	.06073	.004096	.002134	.18688	.003378	.007194
%RSD	.0966389	.2618690	.1756517	.1774618	.7546095	.1413072	.3038388
#1	2.382114	23.16859	2.328282	1.204153	24.57838	2.389941	2.376063
#2	2.386577	23.26074	2.331197	1.203677	24.76642	2.393959	2.363378
#3	2.383353	23.14613	2.336370	1.200242	24.95214	2.387247	2.363841

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**24.70866**	**4.615341**	**4.847097**	**4.669661**	**4.798888**	**4.834758**	**4.686644**
Stddev	.22878	.039316	.001626	.009165	.013925	.043066	.031286
%RSD	.9259062	.8518464	.0335396	.1962672	.2901613	.8907613	.6675604
#1	24.46978	4.644021	4.848094	4.659089	4.790127	4.791393	4.650694
#2	24.73041	4.631478	4.847976	4.674538	4.814944	4.835363	4.707705
#3	24.92578	4.570525	4.845221	4.675357	4.791593	4.877519	4.701534

Reviewed By:jaswal
On:10/24/2025 6:34:14 PM
Inst Id :P4
LB :LB137613

Sample Name: CCV02 Acquired: 10/21/2025 15:03:25 Type: Unk
Method: 6010-200.7 NEW(v304) 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	**4.718580**	**4.818642**	**4.849028**
Stddev	.028825	.016757	.089427
%RSD	.6108848	.3477450	1.844230
#1	4.688274	4.817698	4.873145
#2	4.721815	4.835851	4.923924
#3	4.745651	4.802377	4.750016

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**5690.654**	**95385.01**	**7813.975**	**4432.797**	**6673.509**
Stddev	11.891	546.91	50.723	2.479	5.063
%RSD	.2089544	.5733735	.6491362	.0559194	.0758670
#1	5680.787	96006.81	7806.735	4430.066	6673.338
#2	5687.317	94978.51	7767.260	4433.423	6668.534
#3	5703.856	95169.72	7867.929	4434.903	6678.655

Reviewed By:jaswal
On:10/24/2025 6:34:14 PM
Inst Id :P4
LB :LB137613

Sample Name: CCB02 Acquired: 10/21/2025 15:07:30 Type: Unk
Method: 6010-200.7 NEW(v304) 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	**.0000554**	**-.000472**	**.0002838**	**.0026684**	**.0005244**	**.0101060**	**-.003940**
Stddev	.0019073	.000661	.0009732	.0010018	.0026456	.0070596	.001162
%RSD	3440.589	139.8925	342.8843	37.54276	504.5552	69.85478	29.50272
#1	-.001615	-.001235	-.000798	.0016784	.0020623	.0182392	-.004877
#2	-.000353	-.000080	.001087	.0036816	-.002531	.0065154	-.002639
#3	.002134	-.000102	.000563	.0026453	.002041	.0055635	-.004304

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000048**	**-.000051**	**.0047543**	**-.000063**	**-.000103**	**.0005172**	**.0359650**
Stddev	.000065	.000049	.0074019	.000155	.000137	.0002532	.0099587
%RSD	133.2230	95.99088	155.6902	245.1225	133.4887	48.95098	27.69009
#1	-.000074	-.000107	.0117371	.000060	-.000124	.0007592	.0348876
#2	-.000096	-.000022	.0055313	-.000237	.000044	.0005384	.0265888
#3	.000025	-.000024	-.003006	-.000012	-.000228	.0002541	.0464186

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000313**	**-.013317**	**.0002999**	**.0001797**	**.0237761**	**-.003522**	**.0002219**
Stddev	.000089	.021948	.0003167	.0002908	.0011153	.003361	.0000972
%RSD	28.29376	164.8134	105.6305	161.8224	4.690946	95.43483	43.82392
#1	-.000318	-.036850	.0002660	.0003973	.0230180	-.004887	.0001683
#2	-.000400	-.009697	.0000014	.0002925	.0250567	-.005986	.0001632
#3	-.000222	.006596	.0006321	-.000151	.0232534	.000307	.0003341

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2123196**	**-.016319**	**.0000756**	**-.010555**	**-.001690**	**-.011165**	**.0011589**
Stddev	.0194621	.001184	.0001526	.000617	.002141	.002885	.0010176
%RSD	9.166424	7.256952	201.7488	5.848302	126.6622	25.84002	87.80819
#1	.1905155	-.015580	.0002084	-.010059	-.002389	-.008918	.0000937
#2	.2279345	-.015692	.0001097	-.011246	.000713	-.014418	.0021211
#3	.2185089	-.017685	-.000091	-.010359	-.003395	-.010159	.0012620

Reviewed By:jaswal
On:10/24/2025 6:34:14 PM
Inst Id :P4
LB :LB137613

Sample Name: CCB02 Acquired: 10/21/2025 15:07:30 Type: Unk
Method: 6010-200.7 NEW(v304) 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	.0081682	-.002095	-.000024
Stddev	.0008738	.001985	.000113
%RSD	10.69704	94.73317	474.9537
#1	.0078364	-.000532	.000095
#2	.0091593	-.001425	-.000129
#3	.0075090	-.004328	-.000038

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5647.897	94945.44	7430.394	4414.741	7346.345
Stddev	10.065	379.51	37.081	20.090	6.842
%RSD	.1782010	.3997136	.4990444	.4550600	.0931404
#1	5636.581	94535.83	7391.863	4391.576	7338.922
#2	5651.263	95285.13	7433.488	4425.272	7352.401
#3	5655.848	95015.36	7465.831	4427.377	7347.713

Sample Name: Q3381-08 Acquired: 10/21/2025 15:11:50 Type: Unk
Method: 6010-200.7 NEW(v304) 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	**-.002439**	**-.003972**	**.0197313**	**.0059525**	**.0022706**	**.2371112**	**.1028116**
Stddev	.000702	.003375	.0007215	.0027216	.0012427	.0162140	.0023934
%RSD	28.79077	84.97079	3.656740	45.72128	54.72761	6.838130	2.327955
#1	-.001763	-.007513	.0189089	.0028296	.0028841	.2231190	.1053753
#2	-.002388	-.000791	.0202578	.0078177	.0030873	.2548802	.1024238
#3	-.003165	-.003613	.0200273	.0072103	.0008405	.2333345	.1006358

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000010**	**.0002727**	**3.859240**	**.0037802**	**.0000454**	**.0045565**	**.0288746**
Stddev	.000040	.0000219	.051798	.0003122	.0002367	.0002608	.0070523
%RSD	387.4616	8.043142	1.342181	8.257689	521.3427	5.723320	24.42376
#1	.000031	.0002612	3.912943	.0035350	.0003174	.0047970	.0343343
#2	-.000013	.0002590	3.855192	.0041316	-.000067	.0042793	.0313772
#3	-.000048	.0002981	3.809585	.0036740	-.000114	.0045930	.0209124

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0203321**	**.5463670**	**.0028275**	**-.000221**	**345.1371**	**-.001086**	**.0709180**
Stddev	.0004858	.0334218	.0002187	.000341	1.5746	.001362	.0009121
%RSD	2.389132	6.117103	7.732865	153.9459	.4562148	125.5076	1.286091
#1	.0202483	.5391801	.0028987	-.000075	346.8377	-.000658	.0700800
#2	.0198936	.5171232	.0025821	.000022	344.8439	.000012	.0707846
#3	.0208543	.5827976	.0030017	-.000611	343.7298	-.002611	.0718894

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5332682**	**-.015915**	**.0004283**	**-.038523**	**.0014051**	**.1798804**	**.0125091**
Stddev	.0303938	.000303	.0001211	.000259	.0006841	.0161289	.0023189
%RSD	5.699540	1.903647	28.26788	.6729316	48.68859	8.966472	18.53785
#1	.5487741	-.015578	.0004574	-.038490	.0021926	.1745210	.0148039
#2	.4982488	-.016163	.0002953	-.038282	.0009569	.1980067	.0101668
#3	.5527817	-.016005	.0005321	-.038797	.0010658	.1671134	.0125566

Reviewed By:jaswal
On:10/24/2025 6:34:14 PM
Inst Id :P4
LB :LB137613

Sample Name: Q3381-08 Acquired: 10/21/2025 15:11:50 Type: Unk
Method: 6010-200.7 NEW(v304) 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	.3084672	-.010527	.0234140
Stddev	.0058987	.003008	.0002780
%RSD	1.912253	28.57408	1.187233
#1	.3142131	-.007782	.0236840
#2	.3087616	-.010056	.0234292
#3	.3024268	-.013742	.0231287

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5278.784	89563.95	7571.866	4169.222	6262.354
Stddev	73.849	229.62	129.984	25.490	91.040
%RSD	1.398969	.2563762	1.716670	.6113942	1.453774
#1	5203.451	89662.05	7434.858	4198.446	6170.515
#2	5281.848	89728.23	7587.291	4157.651	6263.973
#3	5351.053	89301.58	7693.449	4151.570	6352.574

Sample Name: Q3369-04 Acquired: 10/21/2025 15:16:16 Type: Unk
Method: 6010-200.7 NEW(v304) 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	**.0030656**	**-.004433**	**.0002968**	**.0052131**	**.0042451**	**.0579614**	**.0795994**
Stddev	.0034474	.000830	.0017503	.0044052	.0008480	.0088267	.0003687
%RSD	112.4557	18.71469	589.6895	84.50299	19.97641	15.22850	.4631405
#1	-.000883	-.005369	-.000812	.0024556	.0051752	.0603001	.0800142
#2	.004606	-.003789	-.000613	.0102937	.0035148	.0653832	.0794749
#3	.005474	-.004141	.002315	.0028900	.0040453	.0482009	.0793091

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000095**	**.0003430**	**212.4286**	**.0012027**	**.0094709**	**.0046161**	**.0211410**
Stddev	.000020	.0000105	.1289	.0003207	.0002749	.0004559	.0091581
%RSD	21.14965	3.060466	.0606707	26.66620	2.902101	9.876556	43.31920
#1	-.000117	.0003542	212.5773	.0011170	.0094723	.0041451	.0192615
#2	-.000078	.0003413	212.3596	.0015576	.0091953	.0050553	.0130684
#3	-.000089	.0003334	212.3489	.0009336	.0097450	.0046478	.0310930

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1982228**	**2.976444**	**.0033093**	**-.000345**	**403.0741**	**.0034585**	**.0349713**
Stddev	.0010713	.021681	.0002048	.000546	4.1924	.0011638	.0001011
%RSD	.5404372	.7284305	6.189385	158.0745	1.040105	33.65029	.2891922
#1	.1994472	3.001286	.0031672	-.000022	401.9050	.0047458	.0350454
#2	.1977632	2.961330	.0032168	-.000976	399.5903	.0031489	.0348561
#3	.1974580	2.966718	.0035441	-.000038	407.7269	.0024809	.0350124

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.841254**	**.0058442**	**.0019225**	**-.039730**	**-.006171**	**2.024483**	**.0972211**
Stddev	.040005	.0006317	.0005163	.000443	.000831	.027209	.0004994
%RSD	1.408002	10.80896	26.85344	1.115477	13.46344	1.343998	.5136929
#1	2.884739	.0064982	.0015130	-.039466	-.005274	2.038355	.0977974
#2	2.806015	.0052375	.0017520	-.040242	-.006324	2.041960	.0969136
#3	2.833006	.0057969	.0025024	-.039482	-.006914	1.993134	.0969524

Reviewed By:jaswal
On:10/24/2025 6:34:14 PM
Inst Id :P4
LB :LB137613

Sample Name: Q3369-04 Acquired: 10/21/2025 15:16:16 Type: Unk
Method: 6010-200.7 NEW(v304) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	9.621914	.0670491	.8867282
Stddev	.014350	.0013940	.0019107
%RSD	.1491374	2.079100	.2154758
#1	9.611379	.0678545	.8855617
#2	9.638258	.0654395	.8889333
#3	9.616106	.0678535	.8856897

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4930.071	82660.04	7316.451	3786.745	5744.549
Stddev	8.188	288.34	23.020	13.799	14.536
%RSD	.1660739	.3488317	.3146352	.3643947	.2530321
#1	4921.354	82398.87	7308.518	3775.456	5727.923
#2	4931.260	82611.77	7298.446	3782.651	5750.872
#3	4937.599	82969.47	7342.388	3802.127	5754.853

Reviewed By:jaswal
On:10/24/2025 6:34:14 PM
Inst Id :P4
LB :LB137613

Sample Name: Q3369-08 Acquired: 10/21/2025 15:20:42 Type: Unk
Method: 6010-200.7 NEW(v304) 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	**-.002505**	**-.003007**	**.0004018**	**.0070211**	**.0015264**	**.3424462**	**.1063034**
Stddev	.001632	.002099	.0014218	.0010214	.0008913	.0062685	.0019772
%RSD	65.13147	69.80802	353.8889	14.54768	58.39218	1.830500	1.859955
#1	-.001388	-.005054	.0013250	.0076059	.0017619	.3385012	.1085142
#2	-.001750	-.000859	.0011159	.0076157	.0005410	.3391630	.1047045
#3	-.004378	-.003107	-.001236	.0058417	.0022764	.3496743	.1056915

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0001168**	**.0000361**	**3.137608**	**.0008903**	**.0039215**	**.0091759**	**.0188065**
Stddev	.0000360	.0000632	.012229	.0003279	.0001565	.0001802	.0090227
%RSD	30.84486	174.8053	.3897471	36.82870	3.989731	1.964314	47.97625
#1	.0001394	.0001075	3.151517	.0008888	.0040672	.0092488	.0103526
#2	.0000753	-.000013	3.132762	.0012190	.0039412	.0093083	.0177602
#3	.0001359	.000014	3.128545	.0005632	.0037561	.0089707	.0283066

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.137693**	**.5668480**	**.0028795**	**-.000100**	**288.0348**	**-.002496**	**.0367073**
Stddev	.003495	.0273409	.0001708	.000752	1.7521	.001049	.0001207
%RSD	.3072243	4.823312	5.932806	748.9321	.6082961	42.03366	.3288437
#1	1.136815	.5982923	.0027932	.000749	286.3958	-.002622	.0365709
#2	1.134721	.5535682	.0027691	-.000370	289.8815	-.003477	.0368002
#3	1.141544	.5486836	.0030763	-.000681	287.8269	-.001390	.0367508

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4602641**	**-.013302**	**.0001378**	**-.038725**	**.0002926**	**.1366234**	**.0115437**
Stddev	.0564557	.000658	.0000383	.000543	.0012521	.0167970	.0026384
%RSD	12.26593	4.943015	27.82940	1.401270	427.9656	12.29435	22.85571
#1	.4751233	-.013471	.0001586	-.039140	.0009582	.1198741	.0091546
#2	.5078041	-.013859	.0000935	-.038111	-.001152	.1534676	.0111011
#3	.3978651	-.012577	.0001612	-.038924	.001071	.1365285	.0143754

Sample Name: Q3369-08 Acquired: 10/21/2025 15:20:42 Type: Unk
Method: 6010-200.7 NEW(v304) 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	.4068861	-.017823	.0192144
Stddev	.0021509	.002369	.0000564
%RSD	.5286116	13.29484	.2936075
#1	.4044235	-.016705	.0191501
#2	.4078382	-.020544	.0192374
#3	.4083966	-.016219	.0192557

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5432.324	90887.84	8101.831	4254.407	6401.736
Stddev	15.413	245.18	19.150	14.013	14.396
%RSD	.2837212	.2697581	.2363636	.3293665	.2248824
#1	5416.165	91162.34	8079.961	4245.896	6385.821
#2	5433.946	90690.61	8109.937	4246.746	6405.534
#3	5446.862	90810.56	8115.594	4270.580	6413.853

Reviewed By:jaswal
On:10/24/2025 6:34:14 PM
Inst Id :P4
LB :LB137613

Sample Name: Q3374-04 Acquired: 10/21/2025 15:25:08 Type: Unk
Method: 6010-200.7 NEW(v304) 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	**-.001738**	**-.005972**	**.0005583**	**.0039891**	**.0030106**	**.0343359**	**.1318425**
Stddev	.001062	.001843	.0003265	.0014717	.0017245	.0036640	.0015484
%RSD	61.13937	30.86550	58.47717	36.89346	57.28058	10.67096	1.174417
#1	-.000686	-.007770	.0009352	.0025318	.0045939	.0385237	.1304466
#2	-.001717	-.004087	.0003787	.0039609	.0011732	.0317211	.1335079
#3	-.002810	-.006059	.0003611	.0054748	.0032647	.0327628	.1315730

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000114**	**-.000030**	**8.254235**	**.0009001**	**-.000188**	**.0021941**	**.0259754**
Stddev	.000025	.000011	.053968	.0001691	.000024	.0001608	.0076698
%RSD	21.84740	38.24181	.6538180	18.78748	12.54626	7.327095	29.52699
#1	-.000085	-.000041	8.215896	.0007220	-.000173	.0020192	.0171479
#2	-.000132	-.000030	8.315950	.0009197	-.000216	.0023353	.0310068
#3	-.000123	-.000018	8.230861	.0010585	-.000176	.0022278	.0297716

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2099872**	**1.040942**	**.0005123**	**-.000336**	**308.4436**	**-.003128**	**.0254708**
Stddev	.0006951	.035345	.0001706	.000264	3.2561	.001564	.0001561
%RSD	.3309973	3.395479	33.29503	78.43015	1.055641	50.00896	.6127186
#1	.2099088	1.051233	.0006280	-.000174	309.4314	-.001483	.0253229
#2	.2107181	1.070000	.0003164	-.000640	304.8080	-.004597	.0254557
#3	.2093347	1.001594	.0005926	-.000194	311.0913	-.003304	.0256339

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.8326181**	**-.014091**	**.0021166**	**-.037577**	**.0008842**	**.5364454**	**.0847568**
Stddev	.0373961	.000675	.0001360	.000111	.0012286	.0046124	.0008530
%RSD	4.491382	4.789815	6.425498	.2959155	138.9545	.8598014	1.006419
#1	.7972937	-.014402	.0022209	-.037616	-.000336	.5390721	.0843252
#2	.8287719	-.013317	.0021661	-.037663	.002121	.5391445	.0842059
#3	.8717886	-.014555	.0019627	-.037451	.000868	.5311197	.0857394

Sample Name: Q3374-04 Acquired: 10/21/2025 15:25:08 Type: Unk
Method: 6010-200.7 NEW(v304) 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	.4379948	-.009629	.0605602
Stddev	.0022057	.006693	.0002501
%RSD	.5036023	69.50783	.4129762
#1	.4377697	-.004179	.0604216
#2	.4359103	-.007608	.0608489
#3	.4403045	-.017100	.0604102

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5597.279	93982.95	8089.896	4435.970	6656.691
Stddev	14.441	124.53	59.737	5.652	7.943
%RSD	.2580086	.1325040	.7384140	.1274167	.1193250
#1	5602.308	93947.27	8075.264	4430.051	6659.167
#2	5580.995	94121.43	8038.835	4441.311	6647.804
#3	5608.533	93880.15	8155.590	4436.548	6663.101

Sample Name: Q3374-08 Acquired: 10/21/2025 15:29:36 Type: Unk
Method: 6010-200.7 NEW(v304) 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	**-.000208**	**-.004347**	**.0002509**	**.0057054**	**.0020885**	**.1043335**	**.1688366**
Stddev	.002355	.003117	.0010923	.0017878	.0011392	.0020030	.0007110
%RSD	1133.213	71.70079	435.3727	31.33530	54.54484	1.919847	.4211151
#1	.000754	-.007881	-.000796	.0036581	.0018920	.1041443	.1692751
#2	.001515	-.001991	.001384	.0069582	.0010604	.1064244	.1692184
#3	-.002892	-.003170	.000164	.0065000	.0033131	.1024318	.1680162

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0000053**	**-.000043**	**6.007509**	**.0005515**	**.0055654**	**.0055596**	**4.856613**
Stddev	.0000131	.000006	.010896	.0001804	.0001912	.0001502	.030249
%RSD	245.8172	13.94236	.1813707	32.71942	3.435911	2.701392	.6228345
#1	.0000169	-.000040	6.018807	.0007276	.0053745	.0055141	4.847549
#2	.0000081	-.000039	6.006653	.0005598	.0057569	.0057273	4.890357
#3	-.000009	-.000050	5.997066	.0003670	.0055647	.0054374	4.831932

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.373387**	**.9096507**	**.0026859**	**-.000120**	**364.4544**	**-.002046**	**.0220212**
Stddev	.002392	.0215739	.0000226	.000258	1.8659	.002513	.0002262
%RSD	.1741565	2.371664	.8397859	213.8111	.5119631	122.8334	1.026992
#1	1.375369	.8898297	.0026701	-.000135	363.6196	-.004892	.0218781
#2	1.370730	.9064930	.0027117	.000144	363.1516	-.000130	.0219036
#3	1.374061	.9326294	.0026759	-.000371	366.5919	-.001117	.0222819

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.9299181**	**-.015159**	**.0000560**	**-.037817**	**.0007405**	**.3032448**	**.0186177**
Stddev	.0368548	.000430	.0002797	.000163	.0005223	.0092552	.0017380
%RSD	3.963229	2.838426	499.4868	.4317488	70.53479	3.052065	9.335245
#1	.9204299	-.014662	-.000217	-.037959	.0003235	.2935071	.0206216
#2	.8987351	-.015402	.000043	-.037639	.0005717	.3119270	.0175213
#3	.9705893	-.015412	.000342	-.037852	.0013263	.3043004	.0177102

Sample Name: Q3374-08 Acquired: 10/21/2025 15:29:36 Type: Unk
Method: 6010-200.7 NEW(v304) 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	.1032589	-.010657	.0419249
Stddev	.0018035	.004844	.0001156
%RSD	1.746578	45.45699	.2756771
#1	.1038919	-.008040	.0418838
#2	.1046607	-.007684	.0418355
#3	.1012243	-.016247	.0420554

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5447.013	91034.64	7635.257	4308.663	6428.654
Stddev	5.467	194.77	29.258	1.981	11.666
%RSD	.1003747	.2139476	.3831949	.0459724	.1814701
#1	5442.693	90811.59	7603.003	4307.698	6418.515
#2	5445.187	91171.08	7660.089	4307.349	6426.042
#3	5453.160	91121.25	7642.679	4310.941	6441.405

Reviewed By:jaswal
On:10/24/2025 6:34:14 PM
Inst Id :P4
LB :LB137613

Sample Name: Q3388-02 Acquired: 10/21/2025 15:34:01 Type: Unk
Method: 6010-200.7 NEW(v304) 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	**-.002326**	**-.001807**	**.0452550**	**.0053048**	**.0015872**	**.1582598**	**.1017123**
Stddev	.000372	.001235	.0004462	.0008611	.0016597	.0097835	.0025734
%RSD	15.99138	68.36088	.9858765	16.23188	104.5723	6.181911	2.530046
#1	-.002282	-.003182	.0457689	.0056203	.0031140	.1685705	.1046668
#2	-.001978	-.001448	.0449663	.0043305	-.000179	.1571025	.1005100
#3	-.002718	-.000791	.0450298	.0059637	.001827	.1491065	.0999602

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000048**	**.0000007**	**23.70839**	**.0013272**	**.0007980**	**.0014573**	**.5400147**
Stddev	.000042	.0000564	.04291	.0003923	.0000046	.0002181	.0094989
%RSD	88.67295	8132.692	.1810050	29.55661	.5747914	14.96905	1.759015
#1	-.000027	.0000262	23.70394	.0009042	.0007988	.0017078	.5475334
#2	-.000096	.0000398	23.75336	.0013983	.0008021	.0013097	.5293393
#3	-.000020	-.000064	23.66788	.0016790	.0007931	.0013543	.5431715

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1287052**	**1.590189**	**.0033121**	**-.000066**	**214.1158**	**-.001703**	**.7974167**
Stddev	.0003890	.018148	.0001556	.000346	.9666	.002281	.0023432
%RSD	.3022176	1.141272	4.697987	524.5307	.4514186	133.9074	.2938471
#1	.1289957	1.604820	.0031440	.000219	215.2247	-.004159	.7947651
#2	.1282633	1.595866	.0033411	.000034	213.6704	-.001300	.7982765
#3	.1288566	1.569881	.0034512	-.000451	213.4522	.000349	.7992086

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.9183625**	**-.005380**	**.0003313**	**-.038865**	**.0000773**	**1.056000**	**.0344775**
Stddev	.0117442	.000520	.0000979	.000236	.0020584	.015997	.0008209
%RSD	1.278819	9.660821	29.56806	.6076843	2663.167	1.514883	2.380867
#1	.9249602	-.004788	.0002185	-.039052	.0006016	1.070573	.0342452
#2	.9048031	-.005762	.0003799	-.038600	.0018229	1.058543	.0353894
#3	.9253243	-.005589	.0003954	-.038945	-.002193	1.038884	.0337978

Sample Name: Q3388-02 Acquired: 10/21/2025 15:34:01 Type: Unk
Method: 6010-200.7 NEW(v304) 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	.3871726	-.002663	.1272407
Stddev	.0025321	.001746	.0005600
%RSD	.6539839	65.56866	.4400848
#1	.3879715	-.002800	.1278711
#2	.3843375	-.004336	.1268009
#3	.3892088	-.000852	.1270501

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5596.523	94540.87	7861.115	4435.667	6682.790
Stddev	14.260	165.52	29.686	11.521	18.519
%RSD	.2548069	.1750754	.3776310	.2597453	.2771181
#1	5607.220	94351.71	7889.283	4429.667	6703.550
#2	5580.333	94659.10	7830.114	4448.950	6667.968
#3	5602.015	94611.82	7863.947	4428.384	6676.851

Reviewed By:jaswal
On:10/24/2025 6:34:14 PM
Inst Id :P4
LB :LB137613

Sample Name: Q3390-02 Acquired: 10/21/2025 15:38:26 Type: Unk
Method: 6010-200.7 NEW(v304) 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	**-.001075**	**-.001889**	**.0102597**	**.0099489**	**.0155798**	**.1210055**	**.1104016**
Stddev	.000847	.002475	.0013743	.0009266	.0011086	.0119418	.0020788
%RSD	78.81938	131.0529	13.39496	9.313491	7.115862	9.868818	1.882914
#1	-.000245	-.001772	.0088999	.0089394	.0167813	.1288360	.1127533
#2	-.001041	-.004420	.0116481	.0101466	.0153619	.1269198	.1096423
#3	-.001939	.000526	.0102311	.0107606	.0145964	.1072608	.1088092

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000182**	**.0012363**	**4.402659**	**.0018657**	**-.000086**	**.1270616**	**.0458187**
Stddev	.000048	.0000239	.077136	.0002458	.000105	.0007241	.0019719
%RSD	26.66817	1.937415	1.752023	13.17687	121.9013	.5698761	4.303615
#1	-.000159	.0012357	4.491474	.0016934	-.000001	.1265898	.0471486
#2	-.000149	.0012606	4.352435	.0021472	-.000203	.1266998	.0467543
#3	-.000237	.0012127	4.364069	.0017565	-.000054	.1278953	.0435532

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0367183**	**.2270957**	**.0023064**	**-.000257**	**258.8863**	**-.002014**	**1.574727**
Stddev	.0009610	.0343535	.0002228	.000360	3.8575	.000788	.000972
%RSD	2.617109	15.12732	9.661248	140.0780	1.490031	39.14267	.0617335
#1	.0378253	.2599853	.0024410	.000158	263.1076	-.001119	1.575651
#2	.0362298	.2298570	.0024291	-.000478	255.5446	-.002318	1.574815
#3	.0360996	.1914449	.0020492	-.000451	258.0067	-.002605	1.573713

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**24.57930**	**.2784850**	**.3318288**	**-.029593**	**.0000841**	**.1732326**	**.0909031**
Stddev	.16627	.0061870	.0006125	.000596	.0013432	.0028177	.0002659
%RSD	.6764435	2.221664	.1845851	2.014797	1597.915	1.626559	.2925351
#1	24.66122	.2853678	.3314857	-.028926	.0016314	.1704705	.0907727
#2	24.68871	.2733855	.3314648	-.029783	-.000597	.1731245	.0907275
#3	24.38797	.2767017	.3325360	-.030072	-.000782	.1761028	.0912091

Reviewed By:jaswal
On:10/24/2025 6:34:14 PM
Inst Id :P4
LB :LB137613

Sample Name: Q3390-02 Acquired: 10/21/2025 15:38:26 Type: Unk
Method: 6010-200.7 NEW(v304) 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	**1.502748**	**-.006478**	**.0176151**
Stddev	.006467	.007733	.0004129
%RSD	.4303278	119.3808	2.344159
#1	1.496251	-.005821	.0180916
#2	1.502811	-.014518	.0173907
#3	1.509184	.000906	.0173629

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**5472.009**	**92142.74**	**7517.018**	**4278.949**	**6623.850**
Stddev	12.108	68.86	118.353	15.372	9.677
%RSD	.2212780	.0747297	1.574474	.3592511	.1461001
#1	5460.109	92138.77	7381.363	4295.736	6615.278
#2	5484.315	92075.96	7599.189	4265.561	6634.344
#3	5471.603	92213.50	7570.503	4275.551	6621.926

Sample Name: Q3392-04 Acquired: 10/21/2025 15:42:49 Type: Unk
Method: 6010-200.7 NEW(v304) 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	**-.001641**	**-.005240**	**.0054636**	**.0076222**	**.0034868**	**.2003082**	**.2126864**
Stddev	.000171	.002086	.0002867	.0032963	.0010549	.0075689	.0013182
%RSD	10.42473	39.79955	5.247845	43.24653	30.25302	3.778613	.6198051
#1	-.001597	-.005590	.0054424	.0106017	.0028835	.1986655	.2111919
#2	-.001497	-.003002	.0051881	.0040812	.0047049	.2085636	.2131831
#3	-.001831	-.007129	.0057604	.0081835	.0028721	.1936956	.2136840

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000033**	**.0001061**	**5.503978**	**.0026602**	**.0072137**	**.0043502**	**.2148657**
Stddev	.000086	.0000603	.018421	.0001805	.0000422	.0005227	.0079613
%RSD	258.8844	56.86752	.3346854	6.784902	.5856136	12.01520	3.705245
#1	.000040	.0000610	5.510107	.0028409	.0072584	.0047247	.2105518
#2	-.000013	.0001746	5.483273	.0024799	.0071745	.0037531	.2099924
#3	-.000127	.0000826	5.518553	.0026599	.0072081	.0045728	.2240530

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.451071**	**.9014239**	**.0038381**	**-.000095**	**315.9448**	**-.002299**	**.0494150**
Stddev	.002937	.0195395	.0001698	.000316	3.4256	.002816	.0003835
%RSD	.2024275	2.167624	4.424515	330.5427	1.084225	122.5215	.7759885
#1	1.449329	.8977295	.0039464	-.000458	319.8837	-.005529	.0490002
#2	1.449423	.8839954	.0036424	.000055	313.6614	-.001008	.0494881
#3	1.454463	.9225469	.0039256	.000117	314.2894	-.000359	.0497566

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5957240**	**-.007803**	**.0004900**	**-.038446**	**.0012990**	**.6459698**	**.0145148**
Stddev	.0399422	.000690	.0000582	.000501	.0008309	.0202943	.0006516
%RSD	6.704818	8.846641	11.87592	1.302003	63.96102	3.141678	4.488952
#1	.5735912	-.008597	.0004267	-.037919	.0014888	.6693476	.0151961
#2	.6418330	-.007471	.0005021	-.038504	.0003897	.6328775	.0138977
#3	.5717478	-.007342	.0005412	-.038915	.0020186	.6356844	.0144506

Reviewed By:jaswal
On:10/24/2025 6:34:14 PM
Inst Id :P4
LB :LB137613

Sample Name: Q3392-04 Acquired: 10/21/2025 15:42:49 Type: Unk
Method: 6010-200.7 NEW(v304) 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	.1799645	-.009172	.0272628
Stddev	.0024855	.002053	.0000139
%RSD	1.381115	22.38352	.0510533
#1	.1796190	-.006886	.0272657
#2	.1826047	-.010858	.0272477
#3	.1776699	-.009772	.0272751

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5442.966	90534.55	7866.792	4174.811	6479.247
Stddev	12.170	445.85	22.849	9.731	25.487
%RSD	.2235851	.4924668	.2904507	.2330794	.3933674
#1	5429.211	90031.79	7888.485	4164.915	6455.782
#2	5447.356	90689.99	7868.950	4184.368	6475.596
#3	5452.332	90881.88	7842.940	4175.151	6506.362

Reviewed By:jaswal
On:10/24/2025 6:34:14 PM
Inst Id :P4
LB :LB137613

Sample Name: Q3392-08 Acquired: 10/21/2025 15:47:14 Type: Unk
Method: 6010-200.7 NEW(v304) 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	**.0013994**	**-.002855**	**.0068452**	**.0071937**	**.0018994**	**.2942201**	**.2859892**
Stddev	.0014387	.002298	.0006300	.0034882	.0009891	.0066706	.0024378
%RSD	102.8100	80.50986	9.203516	48.48979	52.07352	2.267221	.8524215
#1	.0006713	-.002902	.0064865	.0042932	.0026928	.2865194	.2835971
#2	.0004702	-.000533	.0075726	.0110643	.0007912	.2982181	.2884703
#3	.0030566	-.005129	.0064764	.0062237	.0022142	.2979227	.2859003

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0000260**	**.0000839**	**10.67615**	**.0012682**	**.0084009**	**.0029325**	**5.378869**
Stddev	.0000069	.0000144	.02555	.0000347	.0000261	.0001512	.029950
%RSD	26.41408	17.17344	.2392882	2.738189	.3100582	5.155327	.5568163
#1	.0000216	.0000688	10.64665	.0012950	.0083753	.0028603	5.345203
#2	.0000225	.0000975	10.69054	.0012806	.0084001	.0028310	5.402556
#3	.0000339	.0000855	10.69125	.0012290	.0084274	.0031063	5.388849

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.323579**	**1.351426**	**.0037019**	**-.000266**	**401.1867**	**-.000593**	**.0729909**
Stddev	.004083	.041581	.0003484	.000493	2.4636	.001294	.0003136
%RSD	.1757403	3.076793	9.410758	185.0887	.6140862	218.3389	.4296332
#1	2.325840	1.377770	.0038656	-.000281	402.2053	-.001110	.0729294
#2	2.318865	1.373017	.0033018	-.000752	402.9778	-.001548	.0733306
#3	2.326033	1.303491	.0039383	.000234	398.3772	.000880	.0727126

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.9012261**	**-.001128**	**.0001767**	**-.038534**	**.0009421**	**.9347310**	**.0144248**
Stddev	.0104752	.000350	.0002809	.000116	.0002177	.0263655	.0003175
%RSD	1.162326	31.00922	158.9825	.3014758	23.11142	2.820654	2.200946
#1	.9055583	-.000786	.0003737	-.038654	.0010830	.9067291	.0147889
#2	.9088403	-.001114	-.000145	-.038422	.0006913	.9383847	.0142793
#3	.8892798	-.001485	.000301	-.038526	.0010521	.9590791	.0142061

Reviewed By:jaswal
On:10/24/2025 6:34:14 PM
Inst Id :P4
LB :LB137613

Sample Name: Q3392-08 Acquired: 10/21/2025 15:47:14 Type: Unk
Method: 6010-200.7 NEW(v304) 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	.1839437	-.006620	.0529628
Stddev	.0009708	.000058	.0001100
%RSD	.5277534	.8816705	.2077368
#1	.1840566	-.006682	.0528467
#2	.1848532	-.006566	.0529763
#3	.1829215	-.006612	.0530655

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5525.985	91848.30	7923.670	4286.399	6468.144
Stddev	17.596	214.12	22.860	17.275	4.796
%RSD	.3184262	.2331277	.2884965	.4030160	.0741496
#1	5509.718	91612.29	7905.317	4266.575	6464.230
#2	5523.576	91902.46	7916.418	4294.398	6466.708
#3	5544.662	92030.14	7949.276	4298.225	6473.494

Reviewed By:jaswal
On:10/24/2025 6:34:14 PM
Inst Id :P4
LB :LB137613

Sample Name: Q3392-08DUP Acquired: 10/21/2025 15:51:39 Type: Unk
Method: 6010-200.7 NEW(v304) 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	**.0010954**	**-.001639**	**.0075324**	**.0078061**	**.0024021**	**.3018533**	**.2864846**
Stddev	.0011115	.003069	.0005786	.0021525	.0010310	.0063423	.0027205
%RSD	101.4757	187.2454	7.681739	27.57491	42.91940	2.101134	.9496197
#1	.0013832	.000543	.0077185	.0099122	.0033246	.3041956	.2862326
#2	-.000132	-.005148	.0079951	.0078962	.0025926	.3066913	.2893224
#3	.002035	-.000312	.0068836	.0056100	.0012892	.2946729	.2838989

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000008**	**.0001741**	**10.75606**	**.0011507**	**.0084010**	**.0034492**	**5.435981**
Stddev	.000035	.0000503	.00342	.0001884	.0001366	.0003480	.026612
%RSD	427.5698	28.87257	.0317545	16.36999	1.625826	10.08805	.4895574
#1	-.000006	.0001360	10.75533	.0012472	.0084452	.0031918	5.410242
#2	.000026	.0001552	10.75978	.0009336	.0082478	.0033107	5.434311
#3	-.000044	.0002311	10.75306	.0012713	.0085100	.0038451	5.463388

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.333588**	**1.368062**	**.0035133**	**-.000173**	**391.5821**	**-.001702**	**.0739364**
Stddev	.011813	.002525	.0001731	.000362	5.2238	.000976	.0004854
%RSD	.5062017	.1845536	4.926184	209.4607	1.334015	57.30967	.6565051
#1	2.331938	1.370484	.0033153	-.000428	386.5479	-.000834	.0734106
#2	2.346139	1.365445	.0035889	.000241	396.9768	-.002758	.0740312
#3	2.322687	1.368256	.0036356	-.000331	391.2215	-.001515	.0743675

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.9718366**	**-.000589**	**.0003607**	**-.038493**	**.0006873**	**.9309236**	**.0154400**
Stddev	.0373775	.000538	.0001489	.000420	.0001780	.0166592	.0012669
%RSD	3.846068	91.43003	41.26792	1.091403	25.90192	1.789530	8.205531
#1	.9956697	-.000368	.0005312	-.038014	.0007709	.9244525	.0160932
#2	.9910819	-.000196	.0002562	-.038665	.0008081	.9184710	.0139798
#3	.9287581	-.001203	.0002949	-.038800	.0004828	.9498475	.0162471

Sample Name: Q3392-08DUP Acquired: 10/21/2025 15:51:39 Type: Unk
Method: 6010-200.7 NEW(v304) 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	.1871788	-.011293	.0532034
Stddev	.0043574	.002004	.0001850
%RSD	2.327958	17.74215	.3476875
#1	.1842591	-.009003	.0531392
#2	.1850899	-.012149	.0534119
#3	.1921875	-.012726	.0530591

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5382.320	90195.88	7812.772	4251.620	6304.891
Stddev	55.140	594.98	21.952	31.164	65.838
%RSD	1.024465	.6596545	.2809786	.7329924	1.044241
#1	5405.896	90691.90	7795.034	4277.897	6338.210
#2	5421.754	90359.54	7805.959	4259.774	6347.409
#3	5319.312	89536.20	7837.323	4217.190	6229.053

Sample Name: CCV03 Acquired: 10/21/2025 15:56:03 Type: Unk
Method: 6010-200.7 NEW(v304) 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	**4.819318**	**5.062552**	**4.679718**	**4.867644**	**4.904858**	**9.575080**	**9.708672**
Stddev	.013474	.063390	.010024	.021824	.015435	.235842	.236815
%RSD	.2795784	1.252137	.2141931	.4483571	.3146960	2.463081	2.439208
#1	4.832628	5.003816	4.687647	4.853024	4.889441	9.847204	9.981626
#2	4.805686	5.054094	4.668451	4.857178	4.904821	9.429911	9.557938
#3	4.819640	5.129747	4.683055	4.892731	4.920311	9.448126	9.586452

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2327493**	**2.332434**	**23.83667**	**.9411816**	**2.357681**	**1.206360**	**4.847143**
Stddev	.0060742	.011262	.54335	.0017204	.008013	.004547	.004719
%RSD	2.609760	.4828328	2.279472	.1827957	.3398787	.3769303	.0973542
#1	.2395660	2.345016	24.46128	.9398389	2.366480	1.210300	4.850193
#2	.2279109	2.323297	23.47306	.9405850	2.350803	1.201385	4.841708
#3	.2307709	2.328989	23.57569	.9431209	2.355760	1.207396	4.849529

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.384177**	**23.38121**	**2.352200**	**1.203323**	**25.31468**	**2.400631**	**2.389718**
Stddev	.065033	.52433	.009333	.001893	.26728	.057465	.001175
%RSD	2.727676	2.242527	.3967762	.1573536	1.055816	2.393765	.0491808
#1	2.459109	23.98259	2.362107	1.205210	25.52645	2.466543	2.388366
#2	2.342453	23.01984	2.343573	1.203335	25.40322	2.361049	2.390490
#3	2.350969	23.14121	2.350922	1.201423	25.01437	2.374299	2.390299

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**25.15203**	**4.727087**	**4.859953**	**4.704509**	**4.803407**	**4.760688**	**4.738039**
Stddev	.11826	.122344	.014826	.011147	.110892	.006384	.016737
%RSD	.4701643	2.588149	.3050626	.2369524	2.308621	.1341064	.3532412
#1	25.22928	4.866538	4.874549	4.716410	4.931383	4.767074	4.753555
#2	25.21092	4.637789	4.844907	4.694310	4.735696	4.754306	4.720303
#3	25.01589	4.676932	4.860402	4.702808	4.743144	4.760686	4.740257

Reviewed By:jaswal
On:10/24/2025 6:34:14 PM
Inst Id :P4
LB :LB137613

Sample Name: CCV03 Acquired: 10/21/2025 15:56:03 Type: Unk
Method: 6010-200.7 NEW(v304) 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	**4.720979**	**4.683008**	**4.812997**
Stddev	.012426	.130082	.145383
%RSD	.2632024	2.777739	3.020629
#1	4.719212	4.833169	4.966175
#2	4.709531	4.604754	4.676922
#3	4.734193	4.611102	4.795894

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**5720.721**	**95406.69**	**7675.572**	**4486.465**	**6672.312**
Stddev	8.256	126.06	190.445	14.593	16.823
%RSD	.1443172	.1321242	2.481183	.3252670	.2521298
#1	5711.687	95308.51	7457.593	4499.894	6652.948
#2	5727.874	95362.72	7809.725	4470.936	6680.650
#3	5722.601	95548.84	7759.398	4488.565	6683.337

Sample Name: CCB03 Acquired: 10/21/2025 16:00:38 Type: Unk
Method: 6010-200.7 NEW(v304) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCB03 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0006957**	**.0011348**	**.0005022**	**.0023568**	**-.000807**	**.0413599**
Stddev	.0016619	.0018572	.0012980	.0006607	.000176	.0011878
%RSD	238.8699	163.6645	258.4500	28.03307	21.78934	2.871781
#1	.0019508	-.000618	-.000431	.0020180	-.000960	.0422041
#2	.0013253	.003081	-.000047	.0019343	-.000846	.0400017
#3	-.001189	.000941	.001985	.0031182	-.000615	.0418739

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.003254**	**.0000224**	**-.000028**	**.0298501**	**.0028256**	**-.000063**
Stddev	.001337	.0000689	.000062	.0128229	.0001492	.000014
%RSD	41.08994	306.9191	216.9064	42.95770	5.281782	21.94033
#1	-.004250	.0000943	-.000088	.0439795	.0026689	-.000078
#2	-.003778	.0000159	-.000032	.0189516	.0028420	-.000060
#3	-.001734	-.000043	.000035	.0266193	.0029660	-.000050

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0004867**	**.0432844**	**.0002022**	**-.002260**	**.0012393**	**-.000109**
Stddev	.0001358	.0064398	.0004081	.021936	.0002171	.000580
%RSD	27.90100	14.87793	201.8151	970.6656	17.51898	531.7681
#1	.0005887	.0430562	.0002040	-.013662	.0011507	-.000419
#2	.0003325	.0498353	.0006095	.023029	.0010806	.000560
#3	.0005388	.0369617	-.000207	-.016146	.0014868	-.000468

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5777426**	**.0003202**	**.0014578**	**.6918635**	**-.017754**	**-.000164**
Stddev	.0235099	.0008094	.0002013	.0473973	.000489	.000219
%RSD	4.069271	252.7842	13.80957	6.850680	2.753828	133.3586
#1	.5532880	.0002720	.0012356	.6382177	-.017691	-.000302
#2	.5797621	.0011527	.0016280	.7093001	-.018271	.000088
#3	.6001775	-.000464	.0015098	.7280727	-.017299	-.000279

Reviewed By:jaswal
On:10/24/2025 6:34:14 PM
Inst Id :P4
LB :LB137613

Sample Name: CCB03 Acquired: 10/21/2025 16:00:38 Type: Unk
Method: 6010-200.7 NEW(v304) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCB03 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.008019	.0000408	-.018939	.0017802	F .0173381	F .0190780
Stddev	.000638	.0017844	.006276	.0020332	.0015002	.0055260
%RSD	7.950400	4372.620	33.14071	114.2104	8.652308	28.96498
#1	-.008219	.0016719	-.022164	-.000553	.0185722	.0217299
#2	-.007305	-.001865	-.022946	.003171	.0177738	.0127260
#3	-.008532	.000316	-.011705	.002723	.0156684	.0227782

Elem	Sr4077
Units	ppm
Avg	-.000024
Stddev	.000064
%RSD	271.0819
#1	-.000089
#2	.000040
#3	-.000022

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5723.714	97370.90	7523.617	4561.075	7403.120
Stddev	66.403	247.36	61.997	12.641	81.778
%RSD	1.160131	.2540426	.8240323	.2771496	1.104640
#1	5798.854	97085.68	7519.686	4546.493	7495.703
#2	5672.923	97526.84	7587.486	4567.799	7340.738
#3	5699.365	97500.17	7463.679	4568.933	7372.919

Sample Name: Q3392-08LX5 Acquired: 10/21/2025 16:04:57 Type: Unk
Method: 6010-200.7 NEW(v304) 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	**.0002877**	**.0015470**	**.0007474**	**.0020753**	**.0001934**	**.0738286**	**.0547448**
Stddev	.0017803	.0026789	.0004309	.0043366	.0007788	.0048495	.0019922
%RSD	618.8596	173.1726	57.65283	208.9645	402.7189	6.568544	3.639086
#1	-.001470	.0008348	.0002753	.0053482	-.000105	.0682468	.0544607
#2	.002090	-.000704	.0011195	-.002843	.001077	.0770074	.0529099
#3	.000243	.004510	.0008473	.003721	-.000392	.0762315	.0568638

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0000005**	**.0000082**	**2.194638**	**.0002311**	**.0016972**	**.0007750**	**1.051625**
Stddev	.0000463	.0000228	.025838	.0000567	.0000616	.0004000	.004336
%RSD	9948.822	277.9429	1.177324	24.56137	3.626346	51.61855	.4122866
#1	.0000512	.0000209	2.196350	.0002388	.0016547	.0003776	1.053319
#2	-.000040	.0000218	2.167986	.0002835	.0017678	.0011777	1.046698
#3	-.000010	-.000018	2.219577	.0001708	.0016691	.0007697	1.054857

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4743222**	**.2666701**	**.0007131**	**-.000099**	**75.16227**	**-.002821**	**.0144466**
Stddev	.0082541	.0216377	.0000900	.000464	.49444	.003939	.0000732
%RSD	1.740196	8.114044	12.62865	470.1749	.6578338	139.6365	.5065950
#1	.4712498	.2545573	.0007664	-.000634	75.72664	-.000360	.0143622
#2	.4680449	.2538015	.0006091	.000164	74.95491	-.007364	.0144934
#3	.4836719	.2916514	.0007637	.000174	74.80528	-.000739	.0144841

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.6588086**	**-.017311**	**-.000218**	**-.016971**	**-.000260**	**.1735142**	**.0028567**
Stddev	.0400080	.000108	.000120	.000254	.000083	.0062178	.0007246
%RSD	6.072785	.6212603	55.12439	1.494683	31.74828	3.583436	25.36640
#1	.6127759	-.017202	-.000170	-.017074	-.000341	.1804024	.0036786
#2	.6784499	-.017417	-.000129	-.016682	-.000176	.1718238	.0025815
#3	.6851999	-.017315	-.000354	-.017157	-.000263	.1683165	.0023099

Reviewed By:jaswal
On:10/24/2025 6:34:14 PM
Inst Id :P4
LB :LB137613

Sample Name: Q3392-08LX5 Acquired: 10/21/2025 16:04:57 Type: Unk
Method: 6010-200.7 NEW(v304) 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	.0496493	.0007864	.0106717
Stddev	.0033190	.0028447	.0001123
%RSD	6.684805	361.7624	1.052003
#1	.0492140	.0016599	.0105802
#2	.0531644	.0030918	.0106380
#3	.0465694	-.002393	.0107970

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5734.717	95537.71	7847.194	4467.935	7006.184
Stddev	4.681	621.22	93.138	20.197	3.291
%RSD	.0816230	.6502305	1.186897	.4520432	.0469796
#1	5737.077	94894.33	7858.506	4445.133	7009.756
#2	5729.326	95584.68	7934.160	4483.575	7005.523
#3	5737.749	96134.10	7748.917	4475.097	7003.273

Sample Name: Q3392-08MS Acquired: 10/21/2025 16:09:14 Type: Unk
Method: 6010-200.7 NEW(v304) 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	**.8038625**	**1.810394**	**.9115321**	**2.024501**	**.7944422**	**2.258855**	**.4841356**
Stddev	.0046547	.030161	.0036925	.002993	.0044614	.010828	.0027068
%RSD	.5790384	1.666006	.4050867	.1478318	.5615795	.4793415	.5590915
#1	.8037013	1.805494	.9097629	2.027134	.7991016	2.256814	.4846033
#2	.8085956	1.782982	.9157763	2.025122	.7940154	2.270558	.4865781
#3	.7992905	1.842705	.9090571	2.021246	.7902094	2.249194	.4812255

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1830426**	**.1906372**	**11.72200**	**.3996518**	**.2028662**	**.2917767**	**8.419664**
Stddev	.0002648	.0003659	.03867	.0004982	.0003703	.0004452	.051124
%RSD	.1446486	.1919185	.3298854	.1246719	.1825374	.1525742	.6071978
#1	.1828004	.1902478	11.72443	.4000169	.2027071	.2922350	8.452404
#2	.1833253	.1909737	11.75940	.3990842	.2032894	.2917490	8.445834
#3	.1830023	.1906901	11.68217	.3998543	.2026019	.2913460	8.360753

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.535350**	**3.257832**	**.4871825**	**.0697590**	**390.6040**	**.2960252**	**.2748322**
Stddev	.012535	.015284	.0007871	.0004925	5.7447	.0014233	.0017681
%RSD	.4943951	.4691460	.1615567	.7060336	1.470722	.4807983	.6433448
#1	2.530308	3.240361	.4870340	.0701857	388.5761	.2956746	.2763985
#2	2.549621	3.264410	.4880333	.0698713	386.1482	.2975910	.2751830
#3	2.526122	3.268726	.4864803	.0692201	397.0876	.2948100	.2729149

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**11.71317**	**.2513819**	**.4103311**	**.6284942**	**.1915225**	**1.821406**	**5.759214**
Stddev	.12144	.0011220	.0007763	.0023077	.0001022	.010172	.008581
%RSD	1.036809	.4463181	.1891777	.3671824	.0533491	.5584966	.1490036
#1	11.73156	.2514074	.4105654	.6284251	.1915279	1.814036	5.765475
#2	11.82437	.2524908	.4109632	.6308356	.1916218	1.817169	5.749432
#3	11.58358	.2502473	.4094647	.6262218	.1914177	1.833012	5.762735

Reviewed By:jaswal
On:10/24/2025 6:34:14 PM
Inst Id :P4
LB :LB137613

Sample Name: Q3392-08MS Acquired: 10/21/2025 16:09:14 Type: Unk
Method: 6010-200.7 NEW(v304) 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	.1770977	.1857112	.2417624
Stddev	.0020757	.0021657	.0007684
%RSD	1.172072	1.166167	.3178480
#1	.1784264	.1833456	.2414933
#2	.1781610	.1861915	.2426292
#3	.1747058	.1875964	.2411647

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5298.717	88142.26	7453.302	4169.722	6117.906
Stddev	7.424	253.44	12.408	18.872	11.457
%RSD	.1401020	.2875395	.1664774	.4525864	.1872653
#1	5304.007	87849.87	7454.706	4149.677	6129.175
#2	5290.230	88299.17	7464.949	4187.146	6106.270
#3	5301.912	88277.75	7440.252	4172.345	6118.274

Sample Name: Q3392-08MSD Acquired: 10/21/2025 16:13:22 Type: Unk
Method: 6010-200.7 NEW(v304) 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	**.7496507**	**1.663984**	**.8461648**	**1.874390**	**.7557280**	**2.084257**	**.4586400**
Stddev	.0011626	.024293	.0003818	.004456	.0027118	.006694	.0029065
%RSD	.1550798	1.459935	.0451171	.2377410	.3588275	.3211585	.6337235
#1	.7496826	1.688353	.8457240	1.873214	.7526114	2.086003	.4553074
#2	.7507970	1.639768	.8463880	1.879316	.7575489	2.076864	.4599626
#3	.7484725	1.663832	.8463824	1.870639	.7570237	2.089905	.4606500

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1727717**	**.1761814**	**11.18959**	**.3658242**	**.1879504**	**.2715805**	**7.865833**
Stddev	.0010545	.0003303	.04002	.0005957	.0000654	.0005653	.064379
%RSD	.6103400	.1874921	.3576168	.1628465	.0348129	.2081325	.8184690
#1	.1739842	.1763254	11.15010	.3651786	.1878888	.2721759	7.791497
#2	.1722627	.1758036	11.18857	.3663526	.1880191	.2710512	7.902420
#3	.1720683	.1764154	11.23011	.3659415	.1879435	.2715142	7.903582

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.428150**	**3.064818**	**.4509710**	**.0646483**	**367.9900**	**.2756614**	**.2581563**
Stddev	.009456	.024454	.0006172	.0003397	7.6413	.0025478	.0002027
%RSD	.3894262	.7978983	.1368554	.5255085	2.076486	.9242370	.0785025
#1	2.417370	3.067102	.4516647	.0650352	360.4087	.2766519	.2580736
#2	2.435045	3.039303	.4507655	.0643986	367.8712	.2727671	.2583872
#3	2.432034	3.088051	.4504827	.0645112	375.6899	.2775651	.2580081

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**10.66642**	**.2356898**	**.3899784**	**.5984865**	**.1828772**	**1.695119**	**5.367333**
Stddev	.11239	.0005116	.0007451	.0002926	.0010762	.011293	.008392
%RSD	1.053695	.2170428	.1910488	.0488865	.5885100	.6662109	.1563453
#1	10.54422	.2362789	.3893419	.5984067	.1828833	1.683149	5.373633
#2	10.76537	.2354318	.3907979	.5988108	.1817979	1.705585	5.357808
#3	10.68968	.2353586	.3897954	.5982422	.1839504	1.696623	5.370559

Reviewed By:jaswal
On:10/24/2025 6:34:14 PM
Inst Id :P4
LB :LB137613

Sample Name: Q3392-08MSD Acquired: 10/21/2025 16:13:22 Type: Unk
Method: 6010-200.7 NEW(v304) 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	.1687944	.1750152	.2270779
Stddev	.0013498	.0030447	.0017442
%RSD	.7996567	1.739703	.7681141
#1	.1694846	.1721841	.2251041
#2	.1696596	.1746255	.2277181
#3	.1672391	.1782361	.2284116

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5455.510	90566.36	7514.743	4318.942	6316.056
Stddev	14.325	243.31	30.562	8.560	13.760
%RSD	.2625757	.2686593	.4066934	.1981894	.2178648
#1	5471.901	90722.96	7480.012	4322.910	6328.898
#2	5449.240	90286.04	7526.693	4309.118	6317.738
#3	5445.389	90690.07	7537.525	4324.797	6301.532

Sample Name: Q3392-08A Acquired: 10/21/2025 16:17:30 Type: Unk
Method: 6010-200.7 NEW(v304) 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	**.7858924**	**1.868670**	**.8921231**	**1.974243**	**.7784454**	**2.164403**	**.4768381**
Stddev	.0026627	.042476	.0022660	.001405	.0030826	.010897	.0005167
%RSD	.3388067	2.273035	.2539973	.0711551	.3959925	.5034437	.1083673
#1	.7832275	1.881415	.8899163	1.972710	.7775927	2.154082	.4762631
#2	.7858969	1.903314	.8920091	1.974550	.7758789	2.163330	.4769875
#3	.7885528	1.821281	.8944439	1.975468	.7818645	2.175796	.4772637

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1804267**	**.1855713**	**11.71421**	**.3791967**	**.1977253**	**.2848596**	**8.246040**
Stddev	.0014735	.0005323	.05625	.0017680	.0008511	.0009406	.026176
%RSD	.8166640	.2868210	.4802079	.4662457	.4304679	.3301929	.3174424
#1	.1787657	.1854138	11.69840	.3780403	.1971401	.2843630	8.273164
#2	.1809380	.1851357	11.66754	.3812319	.1973340	.2842714	8.244031
#3	.1815764	.1861646	11.77667	.3783180	.1987017	.2859444	8.220927

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.531703**	**3.181834**	**.4757942**	**.0684565**	**376.7313**	**.2861207**	**.2699852**
Stddev	.009933	.018578	.0012345	.0012154	2.8041	.0015786	.0012227
%RSD	.3923263	.5838907	.2594521	1.775474	.7443222	.5517373	.4528899
#1	2.520602	3.181563	.4756416	.0673353	378.2829	.2872180	.2713123
#2	2.534759	3.163392	.4746431	.0697481	373.4943	.2868328	.2697391
#3	2.539749	3.200546	.4770978	.0682861	378.4166	.2843115	.2689042

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**11.14423**	**.2491286**	**.4015883**	**.6232074**	**.1879468**	**1.766253**	**5.701544**
Stddev	.02596	.0018526	.0009530	.0022544	.0009744	.008401	.008860
%RSD	.2329567	.7436209	.2373026	.3617401	.5184334	.4756408	.1553973
#1	11.17130	.2476839	.4008145	.6219708	.1868868	1.769949	5.698349
#2	11.11954	.2484848	.4012978	.6218420	.1881500	1.756638	5.694724
#3	11.14187	.2512173	.4026528	.6258095	.1888035	1.772172	5.711558

Reviewed By:jaswal
On:10/24/2025 6:34:14 PM
Inst Id :P4
LB :LB137613

Sample Name: Q3392-08A Acquired: 10/21/2025 16:17:30 Type: Unk
Method: 6010-200.7 NEW(v304) 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	.1824368	.1698822	.2375720
Stddev	.0027159	.0019659	.0003183
%RSD	1.488658	1.157203	.1339821
#1	.1852998	.1687740	.2372135
#2	.1821138	.1687206	.2376813
#3	.1798969	.1721520	.2378213

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5377.614	89686.89	7441.513	4267.267	6211.275
Stddev	15.321	352.32	71.733	1.520	11.553
%RSD	.2849117	.3928355	.9639581	.0356316	.1859988
#1	5384.872	90029.88	7524.283	4266.609	6214.935
#2	5387.958	89325.93	7402.856	4269.006	6220.555
#3	5360.012	89704.86	7397.399	4266.187	6198.335

Sample Name: PB170147TB Acquired: 10/21/2025 16:21:38 Type: Unk
Method: 6010-200.7 NEW(v304) 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	**-.000392**	**-.003733**	**-.000183**	**.0041534**	**.0011693**	**.0057623**	**-.007003**
Stddev	.001088	.002269	.000311	.0030932	.0021337	.0031759	.001765
%RSD	277.6124	60.79719	169.8708	74.47411	182.4799	55.11486	25.19835
#1	-.001447	-.006351	-.000290	.0075653	.0017019	.0091430	-.006971
#2	-.000454	-.002338	-.000426	.0033628	.0029863	.0028413	-.008784
#3	.000725	-.002508	.000167	.0015323	-.001180	.0053025	-.005255

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000132**	**-.000174**	**.0344413**	**.0032047**	**-.000215**	**.0003553**	**.0202394**
Stddev	.000090	.000064	.0093635	.0003033	.000084	.0000316	.0033632
%RSD	67.73579	36.86230	27.18673	9.465312	39.01586	8.892749	16.61684
#1	-.000083	-.000229	.0452504	.0034346	-.000259	.0003613	.0230437
#2	-.000236	-.000188	.0288204	.0028609	-.000118	.0003834	.0211638
#3	-.000078	-.000104	.0292531	.0033186	-.000267	.0003211	.0165107

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0063748**	**-.022067**	**.0008187**	**-.000058**	**260.6676**	**-.002206**	**.0014812**
Stddev	.0000983	.030220	.0001708	.000108	3.1734	.002859	.0000961
%RSD	1.542221	136.9489	20.85708	185.6897	1.217400	129.6073	6.488695
#1	.0062784	-.056046	.0006338	-.000092	263.2143	-.002452	.0014189
#2	.0064749	.001799	.0008517	-.000145	261.6760	.000768	.0014327
#3	.0063712	-.011952	.0009705	.000063	257.1126	-.004935	.0015918

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.083560**	**-.023011**	**.0002071**	**-.037353**	**-.000086**	**-.002020**	**.0085722**
Stddev	.022874	.000217	.0000890	.000453	.000732	.005642	.0005609
%RSD	27.37420	.9426242	42.96350	1.214084	856.2808	279.2877	6.543337
#1	-.082568	-.023091	.0002478	-.037075	-.000130	-.002528	.0079332
#2	-.106914	-.022765	.0002685	-.037108	-.000795	.003858	.0088000
#3	-.061199	-.023176	.0001051	-.037876	.000668	-.007391	.0089834

Reviewed By:jaswal
On:10/24/2025 6:34:14 PM
Inst Id :P4
LB :LB137613

Sample Name: PB170147TB Acquired: 10/21/2025 16:21:38 Type: Unk
Method: 6010-200.7 NEW(v304) 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	.0324397	-.012847	.0000686
Stddev	.0011039	.002261	.0000826
%RSD	3.402846	17.60297	120.4021
#1	.0315989	-.013038	.0001638
#2	.0320303	-.015006	.0000155
#3	.0336897	-.010495	.0000265

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5604.821	93451.26	7827.210	4439.981	6706.602
Stddev	6.076	255.24	80.383	20.406	5.569
%RSD	.1084098	.2731310	1.026967	.4595976	.0830386
#1	5605.531	93720.39	7777.982	4451.714	6707.497
#2	5610.511	93212.64	7919.970	4416.418	6711.669
#3	5598.421	93420.76	7783.679	4451.811	6700.640

Sample Name: Q3411-01 Acquired: 10/21/2025 16:26:06 Type: Unk
Method: 6010-200.7 NEW(v304) 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	**-.003719**	**-.001701**	**-.003949**	**.0081904**	**.0062500**	**.0782728**
Stddev	.000514	.000892	.001270	.0014563	.0021161	.0083557
%RSD	13.82058	52.43064	32.16689	17.78085	33.85669	10.67506
#1	-.003165	-.002727	-.004864	.0067307	.0046402	.0785537
#2	-.004180	-.001111	-.004485	.0096433	.0086468	.0864844
#3	-.003812	-.001266	-.002499	.0081971	.0054630	.0697802

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0876902**	**-.000160**	**-.000220**	**186.5312**	**.0077917**	**.0133356**
Stddev	.0005817	.000085	.000061	2.1990	.0001069	.0002655
%RSD	.6633827	53.09116	27.74229	1.178899	1.372308	1.991209
#1	.0881075	-.000216	-.000222	186.8389	.0077253	.0134608
#2	.0870257	-.000202	-.000279	188.5601	.0077348	.0130306
#3	.0879373	-.000062	-.000158	184.1945	.0079150	.0135153

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2743234**	**.0646253**	**.0034883**	**56.17612**	**.0919439**	**.0001267**
Stddev	.0017025	.0031666	.0007553	.61749	.0008138	.0004277
%RSD	.6206261	4.899964	21.65314	1.099205	.8850455	337.4548
#1	.2723619	.0668041	.0041747	56.24620	.0910057	-.000290
#2	.2751905	.0660791	.0026791	56.75557	.0923695	.000564
#3	.2754179	.0609929	.0036111	55.52657	.0924567	.000106

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F **4528.033**	**-.000031**	**.0521027**	**14.16960**	**.0484587**	**.1788374**
Stddev	8.400	.002728	.0004147	.45309	.0017105	.0015244
%RSD	.1855100	8832.840	.7958786	3.197642	3.529893	.8523762
#1	4532.246	-.000634	.0524904	13.65634	.0504279	.1771109
#2	4533.492	-.002406	.0516655	14.33843	.0476074	.1794039
#3	4518.360	.002948	.0521523	14.51405	.0473409	.1799974

Reviewed By:jaswal
On:10/24/2025 6:34:14 PM
Inst Id :P4
LB :LB137613

Sample Name: Q3411-01 Acquired: 10/21/2025 16:26:06 Type: Unk
Method: 6010-200.7 NEW(v304) 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	-.039258	-.004817	F 19.25197	.2316026	F 278.1085	.0443829
Stddev	.000433	.002793	.24682	.0025630	2.5219	.0034835
%RSD	1.101844	57.98238	1.282074	1.106620	.9068019	7.848812
#1	-.039511	-.001746	19.05841	.2292465	275.2902	.0483913
#2	-.038758	-.005500	19.52992	.2343316	280.1523	.0426690
#3	-.039503	-.007206	19.16759	.2312298	278.8830	.0420883

Elem	Sr4077
Units	ppm
Avg	.5354088
Stddev	.0086886
%RSD	1.622789
#1	.5355607
#2	.5440204
#3	.5266452

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4063.456	67679.91	6578.959	3358.330	4287.811
Stddev	21.181	293.33	41.663	8.494	29.352
%RSD	.5212577	.4334107	.6332777	.2529186	.6845489
#1	4087.528	67873.67	6530.863	3350.872	4321.672
#2	4055.170	67823.61	6603.922	3356.545	4272.157
#3	4047.671	67342.43	6602.094	3367.575	4269.605

Reviewed By:jaswal
On:10/24/2025 6:34:14 PM
Inst Id :P4
LB :LB137613

Sample Name: Q3401-01 Acquired: 10/21/2025 16:30:27 Type: Unk
Method: 6010-200.7 NEW(v304) 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	**.0556244**	**.0174461**	**.0190382**	**.0019036**	**.0048768**	**182.1072**
Stddev	.0015873	.0015409	.0016577	.0047396	.0021374	.2233
%RSD	2.853552	8.832558	8.707221	248.9832	43.82736	.1226251
#1	.0572748	.0156773	.0197948	.0061759	.0072181	182.3139
#2	.0541089	.0181631	.0171372	.0027295	.0030299	182.1374
#3	.0554893	.0184979	.0201826	-.003195	.0043825	181.8704

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.489601**	**.0213845**	**.0037915**	**1526.076**	**.2947208**	**.0341043**
Stddev	.002481	.0000957	.0000321	21.749	.0016238	.0001021
%RSD	.1665517	.4475534	.8455606	1.425127	.5509704	.2992343
#1	1.488620	.0214890	.0037790	1550.504	.2939411	.0339948
#2	1.492422	.0213635	.0037676	1508.819	.2936339	.0341968
#3	1.487760	.0213010	.0038280	1518.904	.2965874	.0341212

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0955706**	**100.9895**	**6.676647**	**172.4252**	**.1299184**	**-.000150**
Stddev	.0006557	.8536	.008936	.5926	.0001816	.000525
%RSD	.6860424	.8452544	.1338444	.3436990	.1397989	350.2346
#1	.0962439	100.0606	6.670990	172.5152	.1301249	-.000443
#2	.0955338	101.1682	6.686949	172.9677	.1298464	.000456
#3	.0949341	101.7396	6.672002	171.7928	.1297837	-.000462

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**14.03644**	**.1979499**	**.2446313**	**21.52495**	**.2348987**	**.0108436**
Stddev	.00469	.0012473	.0013874	.23307	.0017693	.0000323
%RSD	.0333893	.6301039	.5671263	1.082768	.7532073	.2979029
#1	14.03916	.1977792	.2446437	21.31207	.2328666	.0108719
#2	14.03102	.1967967	.2432378	21.48881	.2360972	.0108504
#3	14.03913	.1992738	.2460124	21.77398	.2357323	.0108084

Sample Name: Q3401-01 Acquired: 10/21/2025 16:30:27 Type: Unk
Method: 6010-200.7 NEW(v304) 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	-.014767	8.466833	3.179924	2.191027	F 74.11209	.7520355
Stddev	.000596	.003305	.001535	.003748	.31309	.0046187
%RSD	4.033453	.0390349	.0482816	.1710743	.4224550	.6141623
#1	-.014122	8.467591	3.181278	2.186701	73.97427	.7468771
#2	-.015296	8.469693	3.180239	2.193296	73.89156	.7534421
#3	-.014883	8.463214	3.178256	2.193084	74.47045	.7557875

Elem	Sr4077
Units	ppm
Avg	3.313288
Stddev	.006294
%RSD	.1899583
#1	3.314534
#2	3.306465
#3	3.318866

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5993.781	96889.85	8834.549	4675.697	4941.600
Stddev	4.671	420.99	41.428	32.823	7.840
%RSD	.0779246	.4345073	.4689314	.7019863	.1586607
#1	5989.161	97364.69	8804.116	4699.949	4932.584
#2	5993.681	96742.60	8817.804	4688.794	4945.402
#3	5998.501	96562.26	8881.729	4638.348	4946.815

Sample Name: Q3402-01 Acquired: 10/21/2025 16:34:47 Type: Unk
Method: 6010-200.7 NEW(v304) 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	**.0751884**	**-.001565**	**.2271974**	**.0110031**	**-.011824**	**153.0153**
Stddev	.0013005	.002489	.0021575	.0016630	.001690	.4807
%RSD	1.729663	159.0034	.9496053	15.11369	14.29345	.3141559
#1	.0765579	-.002916	.2248484	.0091490	-.013700	152.5507
#2	.0739701	.001307	.2290906	.0114977	-.010421	152.9848
#3	.0750371	-.003088	.2276532	.0123627	-.011352	153.5106

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5263462**	**.0075826**	**.0038644**	**40.56982**	**.1545560**	**.0637250**
Stddev	.0018894	.0000929	.0000428	.12472	.0007356	.0000671
%RSD	.3589598	1.224747	1.106555	.3074313	.4759667	.1053332
#1	.5241681	.0075724	.0039133	40.42988	.1538256	.0636792
#2	.5275426	.0076802	.0038342	40.61030	.1545457	.0638021
#3	.5273279	.0074953	.0038458	40.66927	.1552967	.0636937

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1760043**	**183.9047**	**2.168350**	**29.37085**	**.1485804**	**-.006789**
Stddev	.0005608	1.0788	.008290	.09388	.0001785	.000282
%RSD	.3186271	.5866182	.3823207	.3196422	.1201014	4.161233
#1	.1756398	183.0453	2.158823	29.33300	.1486389	-.006736
#2	.1757230	183.5535	2.172300	29.30179	.1487222	-.007094
#3	.1766501	185.1154	2.173926	29.47774	.1483800	-.006537

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**19.03199**	**.2883754**	**.4677696**	**10.52723**	**.1444544**	**.0041946**
Stddev	.08862	.0013309	.0014809	.12429	.0062799	.0000944
%RSD	.4656305	.4615066	.3165971	1.180678	4.347304	2.250062
#1	18.94021	.2897992	.4667669	10.39785	.1386272	.0040918
#2	19.03869	.2881642	.4694706	10.53812	.1436303	.0042774
#3	19.11706	.2871627	.4670713	10.64572	.1511056	.0042145

Reviewed By:jaswal
On:10/24/2025 6:34:14 PM
Inst Id :P4
LB :LB137613

Sample Name: Q3402-01 Acquired: 10/21/2025 16:34:47 Type: Unk
Method: 6010-200.7 NEW(v304) 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	-.004809	1.775281	F 16.95880	3.843773	F 65.32736	.1639410
Stddev	.000142	.009000	.11368	.007035	.44583	.0031317
%RSD	2.961622	.5069604	.6703090	.1830316	.6824541	1.910287
#1	-.004768	1.769870	16.82853	3.836910	64.84598	.1603695
#2	-.004691	1.770303	17.03786	3.843440	65.41002	.1652358
#3	-.004967	1.785671	17.01002	3.850969	65.72607	.1662177

Elem	Sr4077
Units	ppm
Avg	.0909801
Stddev	.0004511
%RSD	.4958606
#1	.0910926
#2	.0913644
#3	.0904834

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6221.520	103624.0	8848.654	4810.215	6411.555
Stddev	5.399	312.7	13.675	44.125	7.945
%RSD	.0867756	.3017569	.1545447	.9173185	.1239135
#1	6224.874	103806.1	8850.286	4859.018	6419.741
#2	6224.394	103802.9	8834.236	4798.491	6411.048
#3	6215.292	103262.9	8861.440	4773.136	6403.876

Sample Name: Q3402-04 Acquired: 10/21/2025 16:40:02 Type: Unk
Method: 6010-200.7 NEW(v304) 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	.0750536	-.005448	.2941755	.0062687	-.006695	73.63143
Stddev	.0018132	.003034	.0026069	.0025067	.002640	5.88242
%RSD	2.415841	55.69093	.8861593	39.98658	39.43801	7.989011
#1	.0768944	-.008951	.2971835	.0081356	-.009063	76.98655
#2	.0749970	-.003692	.2927697	.0034197	-.007173	77.06858
#3	.0732693	-.003700	.2925733	.0072509	-.003848	66.83916

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3917561	.0056363	.0025663	32.11176	.1180580	.0468416
Stddev	.0330534	.0003550	.0003769	2.48428	.0040913	.0005251
%RSD	8.437248	6.298827	14.68714	7.736353	3.465459	1.121006
#1	.4122271	.0058925	.0022991	33.54495	.1223889	.0474468
#2	.4094173	.0057853	.0024024	33.54717	.1175267	.0465069
#3	.3536237	.0052311	.0029974	29.24316	.1142583	.0465710

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1945354	125.2992	3.091989	19.50467	.1224881	-.004557
Stddev	.0014961	5.3098	.243191	1.46302	.0015168	.000368
%RSD	.7690881	4.237671	7.865202	7.500890	1.238304	8.066767
#1	.1956103	130.3146	3.234713	20.33006	.1242356	-.004245
#2	.1928267	125.8457	3.230064	20.36850	.1217151	-.004464
#3	.1951692	119.7374	2.811188	17.81546	.1215136	-.004962

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.38642	.1988264	.5352573	7.001659	.1042541	.0070087
Stddev	.51020	.0164206	.0194669	.258107	.0063562	.0001868
%RSD	3.811353	8.258774	3.636917	3.686372	6.096815	2.665197
#1	13.89629	.2087471	.5567332	7.257386	.1089905	.0072108
#2	13.38711	.2078598	.5302678	7.006356	.0970304	.0069728
#3	12.87588	.1798724	.5187708	6.741236	.1067413	.0068424

Sample Name: Q3402-04 Acquired: 10/21/2025 16:40:02 Type: Unk
Method: 6010-200.7 NEW(v304) 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	-.008228	1.499385	F 10.73922	4.393196	F 47.42506	.1228322
Stddev	.000603	.138038	.67085	.047017	.39643	.0035722
%RSD	7.334676	9.206316	6.246754	1.070224	.8359177	2.908226
#1	-.007807	1.576075	11.35929	4.444485	47.84201	.1255656
#2	-.007957	1.582050	10.83128	4.382969	47.38021	.1241408
#3	-.008919	1.340029	10.02710	4.352135	47.05296	.1187902

Elem	Sr4077
Units	ppm
Avg	.1280148
Stddev	.0147964
%RSD	11.55834
#1	.1352020
#2	.1378447
#3	.1109977

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6226.561	102295.9	9152.103	4777.043	6766.471
Stddev	59.273	2826.5	606.628	122.751	65.721
%RSD	.9519381	2.763102	6.628287	2.569599	.9712721
#1	6158.132	99346.7	8815.905	4639.516	6690.588
#2	6259.603	102559.6	8788.012	4816.100	6803.668
#3	6261.947	104981.3	9852.391	4875.513	6805.157

Reviewed By:jaswal
On:10/24/2025 6:34:14 PM
Inst Id :P4
LB :LB137613

Sample Name: Q3402-07 Acquired: 10/21/2025 16:44:05 Type: Unk
Method: 6010-200.7 NEW(v304) 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	**.1493091**	**-.004621**	**.7525855**	**.0049830**	**-.014581**	**128.8277**
Stddev	.0010854	.002330	.0093479	.0006953	.000712	.1707
%RSD	.7269744	50.41549	1.242100	13.95381	4.882866	.1324792
#1	.1480716	-.002859	.7421433	.0055256	-.014309	128.7243
#2	.1497559	-.003742	.7601737	.0052243	-.015389	129.0247
#3	.1500998	-.007263	.7554394	.0041992	-.014045	128.7341

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.8387833**	**.0131198**	**.0125445**	**13.65590**	**.3404019**	**.1315633**
Stddev	.0056692	.0000490	.0006115	.02035	.0034326	.0014986
%RSD	.6758834	.3737251	4.874533	.1490136	1.008384	1.139055
#1	.8453034	.0131593	.0118450	13.66359	.3412974	.1298358
#2	.8350170	.0130649	.0128105	13.67129	.3432980	.1325147
#3	.8360295	.0131352	.0129779	13.63283	.3366104	.1323393

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4912712**	**204.3782**	**4.514772**	**29.79148**	**.2994677**	**-.006219**
Stddev	.0059194	1.6491	.020834	.05864	.0034891	.000166
%RSD	1.204915	.8068837	.4614593	.1968218	1.165111	2.665157
#1	.4844361	206.2400	4.538824	29.77183	.2954827	-.006046
#2	.4947029	203.7932	4.502343	29.85742	.3019742	-.006235
#3	.4946745	203.1013	4.503149	29.74519	.3009461	-.006376

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**17.06260**	**.3581540**	**.5901707**	**12.00210**	**.1427366**	**.0062001**
Stddev	.22959	.0016634	.0010840	.12359	.0083064	.0001671
%RSD	1.345596	.4644424	.1836706	1.029740	5.819418	2.694434
#1	17.32739	.3595284	.5892643	12.13407	.1514341	.0060807
#2	16.94155	.3586289	.5898763	11.98314	.1418895	.0061286
#3	16.91886	.3563048	.5913714	11.88908	.1348861	.0063910

Reviewed By:jaswal
On:10/24/2025 6:34:14 PM
Inst Id :P4
LB :LB137613

Sample Name: Q3402-07 Acquired: 10/21/2025 16:44:05 Type: Unk
Method: 6010-200.7 NEW(v304) 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	.1208457	2.051482	F 13.55676	6.672013	F 26.61259	.1543204
Stddev	.0014112	.009471	.15921	.089775	.34506	.0007398
%RSD	1.167783	.4616508	1.174432	1.345542	1.296611	.4794086
#1	.1192806	2.060298	13.74061	6.568363	26.21628	.1535724
#2	.1212357	2.041470	13.46536	6.722416	26.84636	.1543368
#3	.1220210	2.052679	13.46431	6.725260	26.77514	.1550518

Elem	Sr4077
Units	ppm
Avg	-.000374
Stddev	.000428
%RSD	114.2773
#1	-.000229
#2	-.000856
#3	-.000038

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	8913.842	147487.5	12307.85	7035.108	6419.423
Stddev	63.337	746.0	46.92	58.105	66.784
%RSD	.7105424	.5057874	.3812360	.8259303	1.040345
#1	8986.883	147013.0	12344.82	6997.503	6496.155
#2	8880.533	147102.2	12255.06	7005.789	6374.409
#3	8874.111	148347.3	12323.65	7102.031	6387.704

Reviewed By:jaswal
On:10/24/2025 6:34:14 PM
Inst Id :P4
LB :LB137613

Sample Name: CCV04 Acquired: 10/21/2025 16:48:07 Type: Unk
Method: 6010-200.7 NEW(v304) 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	**4.747916**	**4.898956**	**4.641232**	**4.829853**	**4.873127**	**9.282997**	**9.485549**
Stddev	.003339	.050152	.010612	.010341	.004098	.234587	.197822
%RSD	.0703326	1.023730	.2286432	.2141159	.0840850	2.527061	2.085511
#1	4.751197	4.912781	4.629261	4.832479	4.877340	9.371703	9.572502
#2	4.744521	4.940746	4.644949	4.838629	4.872887	9.016993	9.259143
#3	4.748031	4.843342	4.649485	4.818452	4.869155	9.460297	9.625001

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2322612**	**2.299357**	**23.22915**	**.9342016**	**2.330104**	**1.193594**	**4.842334**
Stddev	.0045660	.005909	.53446	.0158433	.002977	.001933	.081977
%RSD	1.965892	.2569726	2.300811	1.695913	.1277584	.1619484	1.692919
#1	.2338615	2.293379	23.49794	.9261993	2.326746	1.191454	4.845129
#2	.2271105	2.299498	22.61365	.9239556	2.331149	1.194115	4.758995
#3	.2358117	2.305193	23.57586	.9524498	2.332418	1.195214	4.922877

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.345253**	**22.89816**	**2.325845**	**1.212983**	**23.98568**	**2.330956**	**2.397765**
Stddev	.050031	.56488	.005322	.015743	.29218	.053437	.039779
%RSD	2.133293	2.466935	.2288263	1.297853	1.218146	2.292484	1.658994
#1	2.370584	23.20101	2.319731	1.203032	23.88643	2.355637	2.373272
#2	2.287622	22.24643	2.329441	1.204784	23.75605	2.269640	2.376360
#3	2.377552	23.24703	2.328362	1.231133	24.31455	2.367592	2.443663

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**24.10389**	**4.748302**	**4.779771**	**4.641483**	**4.693423**	**4.762825**	**4.714746**
Stddev	.35619	.087795	.005733	.010765	.100674	.072054	.007752
%RSD	1.477731	1.848983	.1199364	.2319195	2.145000	1.512831	.1644281
#1	23.93473	4.780731	4.773197	4.631251	4.738304	4.735028	4.705926
#2	23.86381	4.648905	4.782386	4.652711	4.578114	4.708811	4.720480
#3	24.51314	4.815269	4.783730	4.640488	4.763850	4.844637	4.717832

Reviewed By:jaswal
On:10/24/2025 6:34:14 PM
Inst Id :P4
LB :LB137613

Sample Name: CCV04 Acquired: 10/21/2025 16:48:07 Type: Unk
Method: 6010-200.7 NEW(v304) 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	**4.686248**	**4.629016**	**4.731907**
Stddev	.020182	.070259	.110819
%RSD	.4306630	1.517800	2.341944
#1	4.676911	4.670780	4.788109
#2	4.709408	4.547900	4.604248
#3	4.672427	4.668370	4.803364

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**5705.719**	**94166.23**	**7679.938**	**4462.871**	**6663.303**
Stddev	13.268	1605.95	175.723	78.350	14.867
%RSD	.2325353	1.705437	2.288081	1.755596	.2231107
#1	5720.956	94845.42	7617.904	4514.916	6680.469
#2	5699.482	95320.99	7878.264	4500.936	6654.695
#3	5696.719	92332.29	7543.645	4372.761	6654.744

Sample Name: CCB04 Acquired: 10/21/2025 16:52:09 Type: Unk
Method: 6010-200.7 NEW(v304) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCB04 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0001723**	**-.000997**	**-.000848**	**.0021834**	**-.000411**	**.0067250**
Stddev	.0004811	.003045	.000421	.0021188	.001247	.0112326
%RSD	279.1089	305.3864	49.69930	97.04192	303.5728	167.0258
#1	.0000617	-.003863	-.000590	-.000216	-.001374	.0183257
#2	.0006991	-.001328	-.000619	.002967	.000998	-.004099
#3	-.000244	.002200	-.001334	.003798	-.000856	.005948

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.004631**	**.0000245**	**-.000006**	**-.001127**	**-.000353**	**-.000112**
Stddev	.001487	.0000399	.000013	.014672	.000068	.000075
%RSD	32.10866	162.8708	198.4382	1301.679	19.28098	66.93986
#1	-.005510	.0000109	-.000008	-.011718	-.000405	-.000066
#2	-.002914	-.000007	-.000018	.015620	-.000380	-.000199
#3	-.005467	.000069	.000007	-.007283	-.000276	-.000072

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0002348**	**.0042069**	**-.000401**	**.0006251**	**-.000095**	**-.000269**
Stddev	.0001367	.0039634	.000399	.0199368	.000262	.000274
%RSD	58.21246	94.21291	99.27559	3189.590	277.3282	102.1404
#1	.0000796	.0001128	-.000233	.0158407	.000178	-.000504
#2	.0003372	.0080253	-.000115	-.021944	-.000345	.000033
#3	.0002877	.0044826	-.000857	.007978	-.000117	-.000334

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5895308**	**-.002180**	**-.000134**	**.6227154**	**-.018146**	**-.000193**
Stddev	.0216102	.001674	.000281	.0618062	.000486	.000197
%RSD	3.665660	76.79093	209.2148	9.925279	2.677194	102.3628
#1	.5895166	-.003730	-.000334	.5963947	-.018228	-.000162
#2	.5679277	-.000405	.000187	.5784263	-.017625	-.000404
#3	.6111481	-.002404	-.000255	.6933251	-.018586	-.000013

Sample Name: CCB04 Acquired: 10/21/2025 16:52:09 Type: Unk
Method: 6010-200.7 NEW(v304) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCB04 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.012147	.0012412	-.013770	.0018420	F .0195636	-.002926
Stddev	.000166	.0008802	.016025	.0006497	.0004697	.006261
%RSD	1.369113	70.91471	116.3772	35.27289	2.400694	213.9615
#1	-.011956	.0022365	-.003121	.0014887	.0191039	.001400
#2	-.012259	.0009217	-.032201	.0025918	.0200426	-.010106
#3	-.012226	.0005654	-.005989	.0014455	.0195443	-.000072

Elem	Sr4077
Units	ppm
Avg	.0000276
Stddev	.0000227
%RSD	82.35968
#1	.0000052
#2	.0000506
#3	.0000270

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5743.670	96621.53	7689.657	4502.634	7529.439
Stddev	4.252	210.05	32.159	8.589	5.710
%RSD	.0740287	.2173923	.4182162	.1907564	.0758388
#1	5748.074	96401.02	7693.269	4509.573	7535.005
#2	5743.347	96644.32	7719.857	4505.302	7523.595
#3	5739.588	96819.26	7655.843	4493.028	7529.718

Reviewed By:jaswal
On:10/24/2025 6:34:14 PM
Inst Id :P4
LB :LB137613

Sample Name: Q3402-10 Acquired: 10/21/2025 16:56:28 Type: Unk
Method: 6010-200.7 NEW(v304) 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	**.1219788**	**-.005019**	**.5967346**	**.0082135**	**-.007186**	**102.2391**
Stddev	.0018038	.003306	.0011534	.0022617	.001979	.0358
%RSD	1.478769	65.86489	.1932804	27.53580	27.53829	.0350035
#1	.1234430	-.006828	.5958215	.0104059	-.005006	102.2441
#2	.1225296	-.001203	.5980308	.0058884	-.008870	102.2010
#3	.1199638	-.007025	.5963515	.0083462	-.007683	102.2721

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5421028**	**.0086346**	**.0054113**	**17.31288**	**.3210088**	**.0917601**
Stddev	.0010751	.0000285	.0000994	.01033	.0002037	.0006976
%RSD	.1983173	.3298157	1.836974	.0596632	.0634465	.7602384
#1	.5426560	.0086375	.0054500	17.30997	.3208752	.0909688
#2	.5427887	.0086048	.0054855	17.32435	.3209080	.0920255
#3	.5408638	.0086615	.0052984	17.30432	.3212432	.0922861

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3639203**	**169.7210**	**2.415391**	**33.47722**	**.1998945**	**-.004597**
Stddev	.0017970	.4068	.006100	.02889	.0006488	.000604
%RSD	.4938005	.2396970	.2525554	.0862888	.3245881	13.13768
#1	.3620733	170.0988	2.414513	33.44471	.1994729	-.004563
#2	.3640248	169.7737	2.421883	33.49994	.1995689	-.004010
#3	.3656628	169.2903	2.409778	33.48701	.2006417	-.005217

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**23.07073**	**.2738863**	**1.050180**	**12.43478**	**.1567647**	**.0060764**
Stddev	.13121	.0008208	.002034	.06563	.0019368	.0001097
%RSD	.5687300	.2996710	.1937286	.5277787	1.235465	1.804929
#1	23.19819	.2747158	1.050151	12.51055	.1579353	.0061640
#2	23.07792	.2730746	1.052229	12.39778	.1545292	.0059534
#3	22.93607	.2738683	1.048160	12.39600	.1578297	.0061117

Sample Name: Q3402-10 Acquired: 10/21/2025 16:56:28 Type: Unk
Method: 6010-200.7 NEW(v304) 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	.0959033	2.290260	F 16.51851	4.877992	F 66.63799	.1574966
Stddev	.0001243	.022862	.33031	.016498	.28553	.0018199
%RSD	.1296328	.9982193	1.999619	.3382201	.4284735	1.155521
#1	.0959111	2.297607	16.86739	4.896963	66.95015	.1557789
#2	.0960236	2.308544	16.47756	4.870010	66.39004	.1573071
#3	.0957753	2.264628	16.21060	4.867002	66.57376	.1594039

Elem	Sr4077
Units	ppm
Avg	.0217567
Stddev	.0006542
%RSD	3.006909
#1	.0216975
#2	.0224384
#3	.0211341

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6714.810	111719.8	9405.731	5210.428	6652.741
Stddev	13.288	180.2	49.039	19.744	10.788
%RSD	.1978846	.1612950	.5213686	.3789327	.1621643
#1	6729.113	111918.1	9461.261	5231.363	6665.142
#2	6712.467	111675.2	9387.565	5207.778	6647.562
#3	6702.850	111566.1	9368.368	5192.143	6645.519

Reviewed By:jaswal
On:10/24/2025 6:34:14 PM
Inst Id :P4
LB :LB137613

Sample Name: Q3403-01 Acquired: 10/21/2025 17:00:31 Type: Unk
Method: 6010-200.7 NEW(v304) 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	**.0364807**	**-.007171**	**.1618602**	**.0011394**	**-.014193**	**102.7066**
Stddev	.0012777	.002510	.0007914	.0047439	.000331	.3581
%RSD	3.502505	34.99783	.4889486	416.3439	2.333339	.3487040
#1	.0362659	-.004569	.1624934	-.003640	-.014379	103.1197
#2	.0378522	-.009577	.1621143	.001212	-.013811	102.5159
#3	.0353240	-.007367	.1609730	.005847	-.014389	102.4841

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5802202**	**.0081703**	**.0027191**	**13.22831**	**.1235263**	**.0905561**
Stddev	.0050802	.0001338	.0000642	.07290	.0004683	.0001282
%RSD	.8755608	1.637120	2.361530	.5510981	.3791259	.1415509
#1	.5859102	.0082220	.0026709	13.29422	.1238138	.0905640
#2	.5786103	.0082705	.0027920	13.24070	.1237793	.0906802
#3	.5761400	.0080184	.0026944	13.15001	.1229859	.0904242

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1717109**	**204.1300**	**4.363929**	**20.57658**	**.1469828**	**-.009742**
Stddev	.0005610	.5381	.031591	.10121	.0005892	.000457
%RSD	.3266885	.2635978	.7239026	.4918680	.4008927	4.694951
#1	.1714863	204.3896	4.397536	20.65477	.1465833	-.009999
#2	.1723494	203.5113	4.359409	20.61272	.1467057	-.009214
#3	.1712971	204.4890	4.334841	20.46227	.1476596	-.010014

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**3.052070**	**.2424272**	**.3363128**	**8.794488**	**.1411394**	**.0009377**
Stddev	.008516	.0014915	.0002478	.072252	.0053131	.0001290
%RSD	.2790289	.6152541	.0736700	.8215624	3.764407	13.75833
#1	3.049910	.2411277	.3363267	8.734790	.1401800	.0008080
#2	3.044841	.2440558	.3365533	8.773864	.1363713	.0010660
#3	3.061458	.2420982	.3360584	8.874810	.1468667	.0009390

Reviewed By:jaswal
On:10/24/2025 6:34:14 PM
Inst Id :P4
LB :LB137613

Sample Name: Q3403-01 Acquired: 10/21/2025 17:00:31 Type: Unk
Method: 6010-200.7 NEW(v304) 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	-.017663	2.971764	F 19.72217	4.495950	.6480700	.0860214
Stddev	.000173	.008900	.08466	.005031	.0034487	.0055555
%RSD	.9800524	.2994923	.4292483	.1118991	.5321448	6.458217
#1	-.017465	2.967780	19.76153	4.490534	.6463608	.0820614
#2	-.017742	2.981960	19.62500	4.500478	.6520394	.0836308
#3	-.017783	2.965552	19.77997	4.496836	.6458097	.0923720

Elem	Sr4077
Units	ppm
Avg	-.135152
Stddev	.000454
%RSD	.3356954
#1	-.134866
#2	-.134914
#3	-.135675

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6418.119	105948.3	8685.910	5006.914	6584.369
Stddev	5.367	231.7	65.231	9.450	14.313
%RSD	.0836241	.2187162	.7509931	.1887395	.2173785
#1	6424.196	106199.3	8643.220	5008.286	6598.652
#2	6414.025	105742.5	8653.512	5015.603	6584.428
#3	6416.137	105903.0	8760.997	4996.853	6570.026

Reviewed By:jaswal
On:10/24/2025 6:34:14 PM
Inst Id :P4
LB :LB137613

Sample Name: Q3397-01 Acquired: 10/21/2025 17:04:34 Type: Unk
Method: 6010-200.7 NEW(v304) 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	**.0428046**	**-.003728**	**.2063694**	**.0012922**	**-.019135**	**124.4675**
Stddev	.0016737	.002888	.0021481	.0032217	.000733	14.5451
%RSD	3.909981	77.47506	1.040887	249.3204	3.830966	11.68582
#1	.0409209	-.003762	.2077097	-.002359	-.018464	126.7560
#2	.0433723	-.006599	.2038918	.003735	-.019917	108.9139
#3	.0441206	-.000823	.2075068	.002501	-.019022	137.7327

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.8061884**	**.0105965**	**.0060310**	**26.13899**	**.1678466**	**.1150405**
Stddev	.0979135	.0010456	.0005658	3.00349	.0052135	.0007698
%RSD	12.14524	9.867396	9.382116	11.49045	3.106128	.6691808
#1	.8250832	.0108075	.0066839	26.66195	.1631611	.1152579
#2	.7002045	.0094615	.0057252	22.90837	.1734628	.1156781
#3	.8932776	.0115205	.0056838	28.84665	.1669158	.1141853

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3380878**	**236.0614**	**4.207546**	**49.15286**	**.2569477**	**-.013516**
Stddev	.0028387	4.4068	.482547	5.72866	.0004069	.001054
%RSD	.8396227	1.866796	11.46862	11.65479	.1583706	7.795270
#1	.3407158	231.0948	4.304936	50.04084	.2573435	-.013339
#2	.3384704	237.5857	3.683731	43.03205	.2569693	-.014646
#3	.3350773	239.5037	4.633970	54.38568	.2565305	-.012561

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**3.202238**	**.2730958**	**.5805099**	**18.49156**	**.1905135**	**.0038257**
Stddev	.053905	.0323232	.0158208	.28384	.0436697	.0001011
%RSD	1.683351	11.83584	2.725325	1.534962	22.92209	2.641298
#1	3.140030	.2792585	.5647174	18.16930	.1740539	.0039023
#2	3.235180	.2381349	.5963588	18.70442	.2400210	.0037112
#3	3.231504	.3018939	.5804534	18.60097	.1574656	.0038635

Sample Name: Q3397-01 Acquired: 10/21/2025 17:04:34 Type: Unk
Method: 6010-200.7 NEW(v304) 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	-.015738	3.591984	F 10.50832	4.974156	.9146064	.2579625
Stddev	.000570	.403773	.28064	.004354	.0084057	.0311930
%RSD	3.622967	11.24096	2.670643	.0875329	.9190473	12.09208
#1	-.015083	3.666059	10.20729	4.979109	.9227620	.2612940
#2	-.016004	3.156301	10.55496	4.972425	.9150860	.2252375
#3	-.016126	3.953590	10.76272	4.970933	.9059712	.2873561

Elem	Sr4077
Units	ppm
Avg	-.083069
Stddev	.016951
%RSD	20.40617
#1	-.074669
#2	-.102580
#3	-.071958

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6690.143	109190.3	9319.109	5196.431	6374.794
Stddev	9.169	2918.9	939.091	112.473	4.458
%RSD	.1370577	2.673199	10.07704	2.164428	.0699368
#1	6700.128	111947.7	9106.424	5292.422	6376.493
#2	6682.101	106133.1	10346.30	5072.676	6369.735
#3	6688.200	109490.1	8504.60	5224.194	6378.152

Sample Name: Q3397-01DUP Acquired: 10/21/2025 17:08:36 Type: Unk
Method: 6010-200.7 NEW(v304) 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	**.0503021**	**-.009268**	**.2291617**	**.0048918**	**-.017876**	**144.4158**
Stddev	.0016328	.005414	.0015568	.0030106	.000223	.6230
%RSD	3.246000	58.41672	.6793580	61.54264	1.245753	.4314039
#1	.0521143	-.015518	.2277118	.0083209	-.017644	144.2608
#2	.0489453	-.006300	.2289662	.0036721	-.018088	143.8850
#3	.0498468	-.005988	.2308070	.0026825	-.017897	145.1017

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.9417182**	**.0119318**	**.0053012**	**24.25334**	**.1997477**	**.1317889**
Stddev	.0040166	.0002151	.0012894	.12682	.0141636	.0003368
%RSD	.4265144	1.802350	24.32293	.5228898	7.090750	.2555570
#1	.9393425	.0121722	.0038123	24.20594	.2160410	.1314115
#2	.9394564	.0117578	.0060475	24.15705	.1928266	.1318966
#3	.9463556	.0118652	.0060438	24.39703	.1903754	.1320588

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3932757**	**277.5543**	**4.744033**	**57.21956**	**.2895692**	**-.013741**
Stddev	.0096907	14.2884	.026399	.21049	.0010851	.001798
%RSD	2.464091	5.147977	.5564610	.3678602	.3747314	13.08689
#1	.3821315	294.0488	4.733908	57.26689	.2885498	-.015815
#2	.3979740	268.9794	4.724195	56.98944	.2894479	-.012617
#3	.3997217	269.6347	4.773995	57.40236	.2907098	-.012790

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.007109**	**.3111100**	**.6442053**	**20.14587**	**.2742946**	**.0038865**
Stddev	.198549	.0035769	.0461190	1.01257	.0338568	.0001461
%RSD	4.954928	1.149725	7.159049	5.026175	12.34323	3.758386
#1	4.235434	.3081473	.6974375	21.31252	.3132432	.0040471
#2	3.874983	.3100991	.6188981	19.49558	.2518984	.0037617
#3	3.910910	.3150836	.6162804	19.62951	.2577422	.0038505

Sample Name: Q3397-01DUP Acquired: 10/21/2025 17:08:36 Type: Unk
Method: 6010-200.7 NEW(v304) 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	**-.014132**	**3.788139**	F **12.70390**	**5.745059**	**.9114756**	**.3233008**
Stddev	.000851	.015956	.80776	.030677	.0049031	.0016211
%RSD	6.022898	.4212064	6.358330	.5339649	.5379319	.5014122
#1	-.013151	3.789541	13.62174	5.763501	.9058675	.3214398
#2	-.014563	3.771528	12.38862	5.709647	.9136075	.3240563
#3	-.014681	3.803347	12.10132	5.762030	.9149520	.3244061

Elem	Sr4077
Units	ppm
Avg	**-.120613**
Stddev	.013839
%RSD	11.47405
#1	-.136585
#2	-.113074
#3	-.112180

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6764.249**	**108707.6**	**9307.620**	**5169.158**	**6292.732**
Stddev	21.625	5929.2	40.828	294.781	13.495
%RSD	.3196912	5.454263	.4386488	5.702683	.2144484
#1	6781.628	101861.8	9273.790	4828.825	6304.331
#2	6771.088	112051.0	9352.970	5334.276	6295.945
#3	6740.032	112210.1	9296.099	5344.374	6277.921

Reviewed By:jaswal
On:10/24/2025 6:34:14 PM
Inst Id :P4
LB :LB137613

Sample Name: Q3397-01LX5 Acquired: 10/21/2025 17:12:40 Type: Unk
Method: 6010-200.7 NEW(v304) 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	**.0103818**	**.0023720**	**.0422335**	**-.000044**	**-.004616**	**30.13017**	**.1876792**
Stddev	.0016524	.0014476	.0004070	.001758	.000546	.16376	.0026319
%RSD	15.91640	61.03006	.9637166	4006.002	11.82922	.5435223	1.402326
#1	.0116855	.0010005	.0422843	.001578	-.004156	30.14977	.1904095
#2	.0085234	.0022302	.0418035	.000202	-.005219	29.95749	.1851583
#3	.0109366	.0038853	.0426127	-.001912	-.004472	30.28325	.1874700

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0025947**	**.0003355**	**6.322104**	**.0399210**	**.0224105**	**.0836627**	**54.13596**
Stddev	.0000355	.0000046	.042468	.0002076	.0001770	.0002633	.19937
%RSD	1.369273	1.381038	.6717391	.5199213	.7897047	.3146775	.3682724
#1	.0025537	.0003408	6.322012	.0397416	.0222931	.0834076	54.19652
#2	.0026159	.0003322	6.279682	.0398730	.0226141	.0836469	53.91333
#3	.0026146	.0003335	6.364618	.0401483	.0223244	.0839334	54.29801

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.029177**	**11.99951**	**.0511158**	**-.002938**	**.9730847**	**.0663214**	**.1314457**
Stddev	.003790	.07003	.0001495	.000137	.0159983	.0009879	.0004077
%RSD	.3682972	.5835971	.2924748	4.649801	1.644077	1.489608	.3101494
#1	1.032978	11.98980	.0510926	-.002790	.9549775	.0660438	.1318621
#2	1.025397	11.93484	.0509793	-.002966	.9789696	.0674184	.1314275
#3	1.029157	12.07388	.0512756	-.003058	.9853070	.0655019	.1310474

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.249401**	**.0255256**	**.0004456**	**-.013143**	**.8690626**	**2.526902**	**.9531209**
Stddev	.057388	.0011432	.0001291	.000130	.0057463	.068409	.0046527
%RSD	1.350504	4.478790	28.96989	.9879237	.6612049	2.707234	.4881508
#1	4.187366	.0267598	.0003098	-.013204	.8756902	2.580325	.9478517
#2	4.260239	.0245029	.0005667	-.012994	.8660246	2.449799	.9566630
#3	4.300597	.0253139	.0004604	-.013231	.8654730	2.550581	.9548482

Reviewed By:jaswal
On:10/24/2025 6:34:14 PM
Inst Id :P4
LB :LB137613

Sample Name: Q3397-01LX5 Acquired: 10/21/2025 17:12:40 Type: Unk
Method: 6010-200.7 NEW(v304) 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	.1856000	.0617764	-.017250
Stddev	.0045438	.0022296	.000331
%RSD	2.448143	3.609197	1.917828
#1	.1837756	.0635928	-.016959
#2	.1907724	.0624482	-.017182
#3	.1822520	.0592881	-.017610

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5983.604	99766.77	8025.417	4671.936	7022.039
Stddev	2.697	758.98	65.737	33.645	12.835
%RSD	.0450683	.7607506	.8191117	.7201500	.1827795
#1	5981.976	100032.1	8033.800	4678.029	7007.253
#2	5982.120	100357.5	8086.561	4702.118	7028.551
#3	5986.717	98910.8	7955.891	4635.661	7030.312

Reviewed By:jaswal
On:10/24/2025 6:34:14 PM
Inst Id :P4
LB :LB137613

Sample Name: Q3397-01MS Acquired: 10/21/2025 17:16:49 Type: Unk
Method: 6010-200.7 NEW(v304) 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	**.6342803**	**1.654121**	**1.074105**	**1.431569**	**.3368527**	**166.0915**
Stddev	.0046768	.019251	.003811	.006047	.0057289	2.5247
%RSD	.7373425	1.163826	.3547991	.4223832	1.700724	1.520091
#1	.6289265	1.675728	1.070631	1.424673	.3306431	168.9693
#2	.6375697	1.638796	1.073503	1.434068	.3379824	164.2488
#3	.6363446	1.647838	1.078181	1.435966	.3419326	165.0564

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.213310**	**.1567459**	**.1818150**	**24.95683**	**.4979153**	**.3203779**
Stddev	.021535	.0033651	.0004766	.40325	.0024362	.0011322
%RSD	1.774928	2.146883	.2621440	1.615799	.4892714	.3533977
#1	1.238123	.1605671	.1812671	25.41884	.4983871	.3190914
#2	1.199489	.1554460	.1821344	24.67557	.4952778	.3208201
#3	1.202318	.1542246	.1820434	24.77608	.5000811	.3212223

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.6080936**	**277.4685**	**5.466530**	**64.12425**	**.7498262**	**.0406269**
Stddev	.0015672	1.9428	.091978	1.28534	.0023042	.0008171
%RSD	.2577234	.7001983	1.682572	2.004456	.3073014	2.011303
#1	.6062972	276.7300	5.572725	65.59481	.7472127	.0401353
#2	.6091810	276.0031	5.412008	63.21519	.7507005	.0401752
#3	.6088027	279.6723	5.414858	63.56276	.7515652	.0415701

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**6.206384**	**.5480940**	**.8089512**	**30.04871**	**.4414837**	**.2985540**
Stddev	.053343	.0104745	.0007893	.24670	.0095594	.0010171
%RSD	.8594934	1.911073	.0975679	.8209917	2.165285	.3406676
#1	6.174305	.5599743	.8088673	29.95556	.4320113	.2976510
#2	6.176886	.5401894	.8082073	29.86216	.4413120	.2996558
#3	6.267962	.5441184	.8097791	30.32842	.4511278	.2983553

Reviewed By:jaswal
On:10/24/2025 6:34:14 PM
Inst Id :P4
LB :LB137613

Sample Name: Q3397-01MS Acquired: 10/21/2025 17:16:49 Type: Unk
Method: 6010-200.7 NEW(v304) 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	**.5873346**	**4.274788**	F **10.14851**	F **10.54704**	**.9847444**	**.4762492**
Stddev	.0018354	.048623	.13487	.01475	.0026738	.0044949
%RSD	.3124970	1.137433	1.328975	.1398625	.2715230	.9438048
#1	.5867985	4.330877	10.02550	10.53126	.9816642	.4811379
#2	.5858269	4.244589	10.12729	10.56047	.9861012	.4753147
#3	.5893783	4.248897	10.29273	10.54940	.9864677	.4722951

Elem	Sr4077
Units	ppm
Avg	**.0316773**
Stddev	.0057986
%RSD	18.30527
#1	.0381881
#2	.0297752
#3	.0270687

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6771.941**	**112751.7**	**9369.745**	**5234.950**	**6309.443**
Stddev	10.932	393.1	179.200	14.370	15.147
%RSD	.1614275	.3486675	1.912535	.2745095	.2400699
#1	6783.323	112926.5	9165.680	5221.113	6322.362
#2	6770.977	113027.1	9442.106	5249.800	6313.196
#3	6761.523	112301.5	9501.450	5233.936	6292.773

Sample Name: Q3397-01MSD Acquired: 10/21/2025 17:20:47 Type: Unk
Method: 6010-200.7 NEW(v304) 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	**.6369587**	**1.669264**	**1.085947**	**1.421703**	**.3372900**	**163.9676**
Stddev	.0066831	.070290	.001446	.001833	.0027144	.6984
%RSD	1.049224	4.210827	.1331352	.1289634	.8047629	.4259673
#1	.6414195	1.713007	1.087496	1.421932	.3404045	164.4715
#2	.6292748	1.706601	1.085710	1.423411	.3354283	163.1704
#3	.6401818	1.588185	1.084634	1.419766	.3360371	164.2611

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.165278**	**.1597254**	**.1833695**	**24.97420**	**.4986577**	**.3221836**
Stddev	.006661	.0000078	.0008155	.14797	.0015463	.0009437
%RSD	.5716347	.0048900	.4447282	.5924769	.3101005	.2928953
#1	1.167286	.1597190	.1842088	25.09197	.4969728	.3232152
#2	1.157844	.1597341	.1833194	24.80812	.5000121	.3219715
#3	1.170704	.1597231	.1825801	25.02251	.4989883	.3213640

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.6034414**	**284.3066**	**5.192818**	**64.13527**	**.7592791**	**.0421120**
Stddev	.0003315	1.1724	.032255	.34967	.0012517	.0003018
%RSD	.0549324	.4123835	.6211432	.5452051	.1648488	.7166302
#1	.6037472	284.3983	5.215435	64.37558	.7602257	.0421969
#2	.6030891	283.0911	5.155883	63.73412	.7597516	.0417768
#3	.6034879	285.4305	5.207135	64.29610	.7578599	.0423622

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**6.223922**	**.5561784**	**.7963208**	**30.12571**	**.4439873**	**.3015981**
Stddev	.026704	.0032193	.0023258	.13797	.0053826	.0001649
%RSD	.4290583	.5788187	.2920730	.4579682	1.212337	.0546780
#1	6.224291	.5586699	.7936446	30.12418	.4454327	.3017798
#2	6.197036	.5525435	.7974642	29.98851	.4380295	.3015565
#3	6.250440	.5573218	.7978536	30.26443	.4484996	.3014579

Sample Name: Q3397-01MSD Acquired: 10/21/2025 17:20:47 Type: Unk
Method: 6010-200.7 NEW(v304) 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	.5978616	4.320281	F 10.76469	F 10.72582	.8903429	.4898968
Stddev	.0015719	.025364	.17890	.06909	.0083261	.0015438
%RSD	.2629247	.5870881	1.661894	.6441733	.9351568	.3151195
#1	.5995969	4.333291	10.96056	10.78892	.8990617	.4916496
#2	.5974548	4.291052	10.60993	10.73656	.8894921	.4893014
#3	.5965330	4.336500	10.72358	10.65199	.8824749	.4887395

Elem	Sr4077
Units	ppm
Avg	.0272172
Stddev	.0009941
%RSD	3.652385
#1	.0283331
#2	.0264262
#3	.0268923

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6821.414	112757.1	9335.731	5297.257	6303.809
Stddev	2.772	94.6	26.526	13.286	12.742
%RSD	.0406415	.0839037	.2841344	.2508069	.2021294
#1	6821.831	112809.0	9308.307	5312.545	6290.315
#2	6818.457	112647.9	9337.628	5290.725	6305.478
#3	6823.954	112814.3	9361.257	5288.502	6315.634

Sample Name: Q3397-01A Acquired: 10/21/2025 17:24:44 Type: Unk
Method: 6010-200.7 NEW(v304) 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	**.6534809**	**1.660152**	**1.067693**	**1.504769**	**.6221831**	**131.2785**
Stddev	.0018303	.051337	.000875	.004520	.0014971	.3766
%RSD	.2800786	3.092298	.0819959	.3003451	.2406147	.2868555
#1	.6542103	1.634277	1.068441	1.502854	.6230930	131.5891
#2	.6548339	1.626902	1.066730	1.501522	.6204553	130.8596
#3	.6513984	1.719278	1.067908	1.509930	.6230010	131.3868

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.008508**	**.1614296**	**.1807127**	**27.78716**	**.4670543**	**.2959716**
Stddev	.005703	.0004743	.0003493	.03587	.0024288	.0002867
%RSD	.5654614	.2937785	.1933035	.1291032	.5200315	.0968617
#1	1.014867	.1619716	.1804827	27.81273	.4697941	.2960454
#2	1.003848	.1610912	.1811146	27.74616	.4662036	.2962141
#3	1.006808	.1612259	.1805407	27.80260	.4651653	.2956552

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5543090**	**241.5407**	**4.579466**	**52.62742**	**.7032567**	**.0453721**
Stddev	.0010222	.9502	.010960	.03280	.0009194	.0003615
%RSD	.1844002	.3933787	.2393281	.0623182	.1307408	.7967306
#1	.5548402	242.6308	4.592120	52.66078	.7041875	.0457071
#2	.5531307	240.8878	4.572966	52.59522	.7032336	.0454203
#3	.5549562	241.1035	4.573311	52.62627	.7023491	.0449889

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**5.702572**	**.5127899**	**.7132402**	**26.77008**	**.4397877**	**.3229044**
Stddev	.032438	.0005223	.0053092	.18177	.0034765	.0004284
%RSD	.5688336	.1018653	.7443792	.6790050	.7904985	.1326599
#1	5.727052	.5129300	.7193619	26.97162	.4437005	.3224102
#2	5.665781	.5132279	.7098933	26.61854	.4386080	.3231709
#3	5.714884	.5122117	.7104655	26.72007	.4370545	.3231320

Sample Name: Q3397-01A Acquired: 10/21/2025 17:24:44 Type: Unk
Method: 6010-200.7 NEW(v304) 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	.6262805	3.967126	F 13.10245	F 10.08436	.8567157	.4321044
Stddev	.0022294	.013538	.09850	.06950	.0070595	.0041225
%RSD	.3559672	.3412541	.7517527	.6891917	.8240236	.9540602
#1	.6286737	3.981893	13.09482	10.00739	.8503968	.4363791
#2	.6242627	3.955301	13.00800	10.10316	.8554153	.4317812
#3	.6259052	3.964185	13.20455	10.14253	.8643350	.4281531

Elem	Sr4077
Units	ppm
Avg	.0752637
Stddev	.0010107
%RSD	1.342938
#1	.0764028
#2	.0744740
#3	.0749142

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6691.165	110754.0	9127.711	5304.838	6382.024
Stddev	9.114	500.0	27.701	14.685	9.654
%RSD	.1362040	.4514669	.3034808	.2768269	.1512667
#1	6701.004	110274.4	9108.392	5289.748	6388.591
#2	6683.013	111272.2	9159.448	5305.682	6370.940
#3	6689.479	110715.4	9115.293	5319.082	6386.542

Reviewed By:jaswal
On:10/24/2025 6:34:14 PM
Inst Id :P4
LB :LB137613

Sample Name: PB170192BL Acquired: 10/21/2025 17:28:42 Type: Unk
Method: 6010-200.7 NEW(v304) 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	**.0003502**	**.0000053**	**.0000055**	**.0001752**	**-.000545**	**.0081055**
Stddev	.0014697	.0021643	.0008965	.0007500	.001170	.0067007
%RSD	419.7031	41009.56	16461.30	428.0715	214.9278	82.66813
#1	.0004793	-.000226	.0007857	.0006395	-.000265	.0156350
#2	.0017511	-.002034	.0002044	.0005761	.000461	.0058835
#3	-.001180	.002276	-.000974	-.000690	-.001830	.0027981

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.004662**	**.0000633**	**-.000014**	**-.005205**	**.0000430**	**-.000109**
Stddev	.000441	.0000233	.000037	.009781	.0001011	.000145
%RSD	9.454712	36.90414	265.9844	187.9169	235.0065	133.3773
#1	-.005156	.0000645	-.000020	-.011316	-.000035	-.000036
#2	-.004522	.0000393	-.000048	.006076	.000157	-.000276
#3	-.004309	.0000860	.000026	-.010374	.000007	-.000014

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0002179**	**.0090931**	**-.000757**	**.0026533**	**.0000417**	**-.000131**
Stddev	.0003139	.0014920	.000488	.0209079	.0001797	.000413
%RSD	144.0400	16.40778	64.51437	787.9945	430.7031	314.3879
#1	.0004558	.0095309	-.000262	-.010023	.0001925	-.000494
#2	-.000138	.0103171	-.000771	.026785	-.000157	.000318
#3	.000336	.0074312	-.001238	-.008802	.000090	-.000219

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1818969**	**-.000335**	**-.000157**	**.0556550**	**-.023498**	**-.000437**
Stddev	.0205951	.000865	.000223	.0084168	.000589	.000062
%RSD	11.32243	258.0094	142.5085	15.12319	2.505285	14.13367
#1	.1663958	-.000703	.000059	.0511689	-.023113	-.000374
#2	.1740286	.000653	-.000142	.0504315	-.023205	-.000497
#3	.2052662	-.000955	-.000387	.0653645	-.024176	-.000442

Reviewed By:jaswal
On:10/24/2025 6:34:14 PM
Inst Id :P4
LB :LB137613

Sample Name: PB170192BL Acquired: 10/21/2025 17:28:42 Type: Unk
Method: 6010-200.7 NEW(v304) 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	-.011688	.0014462	-.011553	.0004532	F .0157298	-.009177
Stddev	.000494	.0011622	.014149	.0015773	.0008798	.004933
%RSD	4.226028	80.35819	122.4716	348.0660	5.593074	53.75209
#1	-.011296	.0017823	.004298	.0021973	.0160850	-.013422
#2	-.012243	.0024033	-.016049	.0000353	.0147280	-.010345
#3	-.011525	.0001531	-.022907	-.000873	.0163765	-.003765

Elem	Sr4077
Units	ppm
Avg	-.000006
Stddev	.000019
%RSD	302.9459
#1	.000001
#2	-.000028
#3	.000008

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5745.917	96472.75	7468.942	4589.059	7472.133
Stddev	4.436	392.72	73.924	7.985	16.866
%RSD	.0772003	.4070747	.9897453	.1740020	.2257214
#1	5742.838	96284.03	7383.591	4594.602	7455.366
#2	5751.002	96924.21	7510.561	4592.668	7471.938
#3	5743.913	96210.02	7512.675	4579.907	7489.096

Sample Name: PB170192BS Acquired: 10/21/2025 17:33:01 Type: Unk
Method: 6010-200.7 NEW(v304) 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	**.7341060**	**1.796765**	**.8728903**	**1.894876**	**.7651243**	**1.840105**
Stddev	.0022879	.010099	.0009671	.007426	.0010634	.008950
%RSD	.3116634	.5620931	.1107950	.3919160	.1389860	.4863856
#1	.7365427	1.785146	.8718792	1.891874	.7660960	1.836126
#2	.7337718	1.801710	.8729851	1.889420	.7652887	1.833835
#3	.7320036	1.803440	.8738065	1.903333	.7639883	1.850355

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1790254**	**.1875706**	**.1720140**	**.9343956**	**.3722621**	**.1780799**
Stddev	.0012400	.0007374	.0002013	.0161555	.0019060	.0003434
%RSD	.6926406	.3931441	.1169943	1.728979	.5120024	.1928231
#1	.1776033	.1867257	.1721709	.9306658	.3704851	.1783608
#2	.1798810	.1880848	.1720840	.9204312	.3742751	.1776971
#3	.1795919	.1879013	.1717871	.9520898	.3720261	.1781818

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2909647**	**2.764187**	**.1883217**	**1.837297**	**.4476580**	**.0668079**
Stddev	.0000886	.011026	.0006918	.046880	.0010550	.0005385
%RSD	.0304584	.3988886	.3673440	2.551563	.2356802	.8060280
#1	.2909931	2.776651	.1881327	1.800368	.4464708	.0662140
#2	.2910355	2.760210	.1890883	1.821484	.4484884	.0672643
#3	.2908653	2.755702	.1877440	1.890038	.4480147	.0669454

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.793029**	**.2735773**	**.1905021**	**8.693762**	**.2527337**	**.3766962**
Stddev	.012522	.0037920	.0006567	.052445	.0012768	.0003684
%RSD	.4483442	1.386074	.3447178	.6032534	.5052127	.0977995
#1	2.803360	.2754831	.1897446	8.720537	.2514976	.3762986
#2	2.779102	.2760383	.1909117	8.633333	.2540477	.3767642
#3	2.796626	.2692104	.1908499	8.727415	.2526557	.3770259

Reviewed By:jaswal
On:10/24/2025 6:34:14 PM
Inst Id :P4
LB :LB137613

Sample Name: PB170192BS Acquired: 10/21/2025 17:33:01 Type: Unk
Method: 6010-200.7 NEW(v304) 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	**.5954838**	**.1801292**	**.7983008**	**5.054426**	F **.0124861**	**.1747847**
Stddev	.0025482	.0020136	.0059067	.019531	.0014235	.0036969
%RSD	.4279233	1.117862	.7399079	.3864159	11.40055	2.115099
#1	.5980478	.1778293	.8051132	5.075900	.0109042	.1751870
#2	.5954520	.1809840	.7951801	5.049659	.0136637	.1709031
#3	.5929517	.1815744	.7946089	5.037720	.0128904	.1782639

Elem	Sr4077
Units	ppm
Avg	**.1801980**
Stddev	.0005952
%RSD	.3303018
#1	.1808159
#2	.1796284
#3	.1801497

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**5833.625**	**97504.50**	**7603.405**	**4547.512**	**7338.895**
Stddev	5.920	264.78	43.261	37.801	4.259
%RSD	.1014880	.2715525	.5689632	.8312398	.0580272
#1	5837.159	97660.67	7641.285	4591.157	7335.357
#2	5836.926	97198.79	7556.264	4526.205	7337.706
#3	5826.790	97654.04	7612.665	4525.175	7343.621

Sample Name: CCV05 Acquired: 10/21/2025 17:37:02 Type: Unk
Method: 6010-200.7 NEW(v304) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCV05 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.897744**	**5.027411**	**4.784460**	**5.026489**	**5.028917**	**9.542710**
Stddev	.015593	.025671	.004369	.027705	.016542	.035437
%RSD	.3183672	.5106169	.0913066	.5511840	.3289282	.3713559
#1	4.915658	5.053361	4.780726	5.057314	5.047477	9.582961
#2	4.890354	5.002028	4.783391	5.003665	5.015728	9.516202
#3	4.887220	5.026843	4.789264	5.018488	5.023546	9.528968

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**9.473177**	**.2339196**	**2.366262**	**23.76265**	**.9639638**	**2.391349**
Stddev	.043111	.0015805	.004833	.09417	.0001080	.003161
%RSD	.4550853	.6756602	.2042379	.3963047	.0112000	.1321642
#1	9.514803	.2357112	2.360928	23.85075	.9638533	2.387877
#2	9.476008	.2333250	2.367507	23.77381	.9640690	2.392112
#3	9.428720	.2327226	2.370350	23.66340	.9639693	2.394058

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.222766**	**4.837056**	**2.362544**	**23.56058**	**2.388650**	**1.209460**
Stddev	.002267	.010964	.011809	.09186	.003103	.001804
%RSD	.1854125	.2266575	.4998332	.3898989	.1299051	.1491980
#1	1.220711	4.828334	2.373096	23.66446	2.385346	1.210704
#2	1.222389	4.849364	2.364748	23.49006	2.389099	1.210285
#3	1.225198	4.833471	2.349789	23.52721	2.391503	1.207390

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**23.05586**	**2.393705**	**2.425461**	**23.65760**	**4.671826**	**4.890791**
Stddev	.05450	.006291	.006604	.02595	.031241	.003593
%RSD	.2363853	.2627958	.2722639	.1096842	.6687118	.0734685
#1	23.00632	2.400348	2.428391	23.63080	4.707700	4.890481
#2	23.11424	2.392926	2.430093	23.65939	4.657175	4.887363
#3	23.04702	2.387840	2.417900	23.68261	4.650603	4.894530

Sample Name: CCV05 Acquired: 10/21/2025 17:37:02 Type: Unk
Method: 6010-200.7 NEW(v304) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCV05 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.755388**	**4.765126**	**4.911614**	**4.794664**	**4.854642**	F **4.482659**
Stddev	.008461	.021198	.016386	.022613	.004008	.027192
%RSD	.1779271	.4448542	.3336217	.4716241	.0825608	.6065933
#1	4.749552	4.788045	4.920436	4.770096	4.856753	4.507793
#2	4.751521	4.761110	4.921699	4.814606	4.850020	4.486389
#3	4.765092	4.746224	4.892707	4.799292	4.857154	4.453795

Elem	Sr4077
Units	ppm
Avg	**4.761058**
Stddev	.147160
%RSD	3.090905
#1	4.928836
#2	4.700491
#3	4.653847

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**5600.145**	**93477.38**	**7615.844**	**4358.054**	**6539.855**
Stddev	5.618	209.98	60.530	10.203	11.253
%RSD	.1003237	.2246346	.7947940	.2341162	.1720656
#1	5605.873	93236.41	7547.672	4355.633	6552.572
#2	5599.919	93621.15	7636.578	4349.280	6535.808
#3	5594.644	93574.59	7663.283	4369.250	6531.186

Reviewed By:jaswal
On:10/24/2025 6:34:14 PM
Inst Id :P4
LB :LB137613

Sample Name: CCB05 Acquired: 10/21/2025 17:41:04 Type: Unk
Method: 6010-200.7 NEW(v304) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCB05 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0004961**	**.0020716**	**.0000921**	**.0009185**	**.0003499**	**.0160656**
Stddev	.0019198	.0008313	.0006567	.0002910	.0009501	.0084356
%RSD	386.9614	40.12861	712.7069	31.68450	271.5357	52.50709
#1	-.001565	.0027278	.0005094	.0011535	-.000291	.0130035
#2	.000819	.0011368	.0004319	.0010089	-.000100	.0095887
#3	.002234	.0023502	-.000665	.0005930	.001441	.0256045

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.004162**	**.0000254**	**-.000074**	**.0074142**	**-.000153**	**-.000079**
Stddev	.000443	.0000252	.000009	.0168297	.000214	.000023
%RSD	10.63863	98.99537	12.51884	226.9916	139.7063	28.99306
#1	-.004398	.0000311	-.000085	.0243145	.000036	-.000105
#2	-.004437	.0000473	-.000071	-.009344	-.000110	-.000072
#3	-.003651	-.000002	-.000067	.007272	-.000385	-.000060

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0002471**	**.0060405**	**-.000041**	**-.023207**	**-.000043**	**-.000207**
Stddev	.0003440	.0019153	.000208	.022126	.000103	.000155
%RSD	139.2489	31.70851	506.4686	95.34296	241.3601	75.07300
#1	.0004167	.0043210	-.000026	-.026351	-.000083	-.000028
#2	-.000149	.0081048	.000159	.000323	.000074	-.000290
#3	.000473	.0056956	-.000256	-.043592	-.000119	-.000303

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1130142**	**.0004551**	**.0003980**	**.0662729**	**-.017649**	**.0000897**
Stddev	.0133090	.0013373	.0001824	.0469872	.000304	.0000432
%RSD	11.77644	293.8513	45.82987	70.89961	1.724188	48.13111
#1	.1008709	.0018884	.0001902	.0163336	-.017412	.0001119
#2	.1109289	-.000759	.0005315	.0728754	-.017544	.0001172
#3	.1272428	.000236	.0004725	.1096096	-.017992	.0000399

Sample Name: CCB05 Acquired: 10/21/2025 17:41:04 Type: Unk
Method: 6010-200.7 NEW(v304) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCB05 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.012640	.0007573	-.014232	.0022059	F .0123004	-.007739
Stddev	.000505	.0010370	.015662	.0010858	.0012557	.002993
%RSD	3.995744	136.9334	110.0510	49.22315	10.20897	38.67251
#1	-.012220	.0017653	.003408	.0011704	.0131351	-.009483
#2	-.012501	-.000306	-.026506	.0021115	.0108563	-.009451
#3	-.013200	.000813	-.019597	.0033359	.0129099	-.004283

Elem	Sr4077
Units	ppm
Avg	.0000872
Stddev	.0000622
%RSD	71.31294
#1	.0001556
#2	.0000721
#3	.0000340

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5806.527	97324.46	7505.620	4547.075	7605.380
Stddev	5.126	217.21	205.848	34.040	3.521
%RSD	.0882816	.2231795	2.742581	.7486097	.0463022
#1	5801.845	97434.69	7270.919	4543.018	7603.099
#2	5805.732	97074.24	7655.526	4515.245	7603.605
#3	5812.005	97464.46	7590.414	4582.961	7609.435

Reviewed By:jaswal
On:10/24/2025 6:34:14 PM
Inst Id :P4
LB :LB137613

Sample Name: Q3365-01 Acquired: 10/21/2025 17:45:23 Type: Unk
Method: 6010-200.7 NEW(v304) 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	**.0458830**	**-.003676**	**.0238254**	**.0023201**	**.0059661**	**11.27633**
Stddev	.0029585	.001467	.0023202	.0020257	.0037077	.08046
%RSD	6.447877	39.89573	9.738185	87.31040	62.14560	.7135400
#1	.0489638	-.005003	.0212604	.0028073	.0056535	11.20571
#2	.0456208	-.003925	.0244382	.0040578	.0098202	11.36392
#3	.0430643	-.002101	.0257777	.0000952	.0024247	11.25934

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3382388**	**.0008145**	**.0267162**	**313.0686**	**.0163403**	**.0112661**
Stddev	.0021651	.0000096	.0001597	.9376	.0008048	.0002353
%RSD	.6401204	1.173279	.5975822	.2994847	4.925190	2.088156
#1	.3372716	.0008099	.0265741	312.3204	.0171192	.0109996
#2	.3407190	.0008255	.0268890	314.1203	.0155119	.0114447
#3	.3367260	.0008081	.0266857	312.7649	.0163897	.0113542

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1328502**	**49.35990**	**2.285715**	**45.62166**	**.0360480**	**-.000773**
Stddev	.0005671	.12759	.016819	.06053	.0004094	.000473
%RSD	.4268852	.2584870	.7358284	.1326765	1.135590	61.09822
#1	.1333336	49.31518	2.266398	45.57548	.0364973	-.000962
#2	.1329911	49.50382	2.297115	45.59933	.0359501	-.000236
#3	.1322259	49.26068	2.293630	45.69019	.0356964	-.001123

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F **4278.177**	**.0311330**	**1.135927**	**66.15730**	**.1946438**	**.0198009**
Stddev	49.052	.0031163	.004747	.70729	.0005452	.0001769
%RSD	1.146556	10.00952	.4178630	1.069100	.2800994	.8933709
#1	4333.306	.0279781	1.136053	65.36581	.1950564	.0199663
#2	4261.868	.0312120	1.140610	66.37864	.1948493	.0196144
#3	4239.357	.0342091	1.131119	66.72745	.1940257	.0198218

Sample Name: Q3365-01 Acquired: 10/21/2025 17:45:23 Type: Unk
Method: 6010-200.7 NEW(v304) 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	-.036522	.5363999	F 36.01516	1.170745	F 152.5485	.1528312
Stddev	.000723	.0084995	.17973	.003277	.6105	.0029423
%RSD	1.979882	1.584539	.4990396	.2798815	.4001945	1.925185
#1	-.037341	.5453809	36.22221	1.174417	152.7177	.1496018
#2	-.036250	.5284820	35.92397	1.169701	153.0565	.1535320
#3	-.035974	.5353368	35.89931	1.168118	151.8712	.1553599

Elem	Sr4077
Units	ppm
Avg	1.438551
Stddev	.011318
%RSD	.7867491
#1	1.427957
#2	1.450475
#3	1.437221

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4361.410	72121.09	7241.082	3429.751	4374.566
Stddev	15.527	285.51	8.871	26.510	15.306
%RSD	.3560087	.3958697	.1225048	.7729527	.3498772
#1	4349.307	71847.11	7236.062	3425.200	4364.054
#2	4356.006	72416.87	7251.324	3405.811	4367.519
#3	4378.917	72099.29	7235.859	3458.243	4392.126

Sample Name: Q3365-02 Acquired: 10/21/2025 17:49:40 Type: Unk
Method: 6010-200.7 NEW(v304) 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	.0269111	-.015814	.0137467	.0037379	-.002898	3.414651
Stddev	.0040761	.003790	.0008441	.0034257	.001422	.055252
%RSD	15.14639	23.96668	6.140182	91.64724	49.07730	1.618080
#1	.0279159	-.011683	.0145047	-.000078	-.002915	3.388350
#2	.0303907	-.016630	.0128371	.004743	-.001467	3.478140
#3	.0224266	-.019130	.0138982	.006549	-.004312	3.377463

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2519819	.0025727	.0078602	232.8615	-.013913	.0115569
Stddev	.0025911	.0000694	.0005189	2.3626	.000102	.0003772
%RSD	1.028285	2.697380	6.601867	1.014602	.7325590	3.263700
#1	.2508576	.0025993	.0074283	230.8044	-.013982	.0115595
#2	.2549453	.0026249	.0077164	235.4419	-.013796	.0111784
#3	.2501429	.0024940	.0084358	232.3382	-.013961	.0119328

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0780634	208.3505	2.105519	30.80407	.0270625	-.005669
Stddev	.0046393	2.0221	.022710	.33848	.0009658	.000348
%RSD	5.943014	.9705076	1.078600	1.098800	3.568743	6.142201
#1	.0731211	210.5607	2.085421	30.44434	.0261887	-.006032
#2	.0787448	207.8974	2.130156	31.11627	.0268995	-.005338
#3	.0823244	206.5935	2.100979	30.85160	.0280995	-.005635

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 3423.793	.0129574	.4092869	53.71911	.3728293	.0169272
Stddev	60.913	.0010797	.0041786	.27050	.0114318	.0003317
%RSD	1.779105	8.332650	1.020943	.5035387	3.066225	1.959825
#1	3468.811	.0121724	.4141030	53.95814	.3858330	.0167619
#2	3448.086	.0125110	.4071337	53.42548	.3682930	.0167106
#3	3354.482	.0141887	.4066242	53.77372	.3643618	.0173091

Sample Name: Q3365-02 Acquired: 10/21/2025 17:49:40 Type: Unk
Method: 6010-200.7 NEW(v304) 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	-.039073	.1391794	F 18.38294	1.247631	F 103.1829	.1188552
Stddev	.000293	.0043673	.24964	.017816	1.6133	.0060404
%RSD	.7508996	3.137887	1.357987	1.427982	1.563575	5.082146
#1	-.039263	.1392511	18.63239	1.229525	101.9947	.1258194
#2	-.039221	.1435104	18.38330	1.248226	102.5344	.1157068
#3	-.038735	.1347767	18.13312	1.265142	105.0196	.1150394

Elem	Sr4077
Units	ppm
Avg	.9210925
Stddev	.0090151
%RSD	.9787357
#1	.9118069
#2	.9298102
#3	.9216605

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4423.009	73122.72	7309.827	3455.831	4566.213
Stddev	54.276	845.64	94.813	28.000	53.818
%RSD	1.227133	1.156472	1.297063	.8102108	1.178612
#1	4468.604	72311.95	7377.560	3426.340	4616.613
#2	4437.451	73056.83	7201.471	3459.103	4572.495
#3	4362.973	73999.39	7350.450	3482.051	4509.529

Sample Name: Q3365-03 Acquired: 10/21/2025 17:53:57 Type: Unk
Method: 6010-200.7 NEW(v304) 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	**-.002108**	**-.000340**	**-.000807**	**.0008359**	**.0038630**	**.0280196**
Stddev	.002641	.001249	.001093	.0010698	.0022658	.0097483
%RSD	125.2919	367.9635	135.3445	127.9696	58.65404	34.79086
#1	-.003388	-.001711	-.000095	.0016729	.0064788	.0260169
#2	.000929	-.000043	-.002065	.0012043	.0025998	.0194282
#3	-.003866	.000735	-.000261	-.000369	.0025103	.0386136

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0464135**	**-.000162**	**-.000173**	**213.9196**	**.0007545**	**-.000411**
Stddev	.0021192	.000030	.000036	3.0358	.0000874	.000171
%RSD	4.565936	18.55738	20.55172	1.419132	11.58890	41.57630
#1	.0469873	-.000129	-.000201	214.6485	.0006598	-.000375
#2	.0440665	-.000168	-.000184	210.5857	.0008322	-.000261
#3	.0481868	-.000188	-.000133	216.5246	.0007714	-.000597

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0421932**	**.0844972**	**.0134427**	**76.99581**	**.0028620**	**-.000701**
Stddev	.0001780	.0009920	.0003963	1.08137	.0005187	.000472
%RSD	.4219095	1.174062	2.948176	1.404457	18.12333	67.39330
#1	.0421411	.0854422	.0134275	77.18901	.0025045	-.000226
#2	.0420471	.0845853	.0130543	75.83086	.0034569	-.001171
#3	.0423915	.0834640	.0138465	77.96757	.0026245	-.000706

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**94.85145**	**-.000037**	**.0129152**	**8.244184**	**.0575857**	**.0061536**
Stddev	.42404	.004571	.0001890	.063941	.0006572	.0003231
%RSD	.4470598	12274.58	1.463608	.7755888	1.141284	5.250244
#1	95.29295	-.004954	.0130631	8.317701	.0573643	.0062626
#2	94.81407	.000758	.0129803	8.213333	.0570678	.0057901
#3	94.44734	.004084	.0127023	8.201518	.0583250	.0064081

Sample Name: Q3365-03 Acquired: 10/21/2025 17:53:57 Type: Unk
Method: 6010-200.7 NEW(v304) 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	-.039275	-.007292	F 22.42471	.0121431	F 14.18041	.0735525
Stddev	.000354	.000738	.05835	.0020356	.03298	.0034306
%RSD	.9023113	10.12322	.2601876	16.76333	.2325962	4.664083
#1	-.039655	-.008053	22.43933	.0117865	14.14750	.0704440
#2	-.038953	-.007243	22.47436	.0143335	14.18027	.0772332
#3	-.039218	-.006580	22.36044	.0103094	14.21347	.0729803

Elem	Sr4077
Units	ppm
Avg	.4462603
Stddev	.0063087
%RSD	1.413688
#1	.4496336
#2	.4389821
#3	.4501653

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5331.255	91089.39	7658.709	4160.089	6328.018
Stddev	19.456	124.07	121.350	10.827	32.418
%RSD	.3649459	.1362081	1.584474	.2602511	.5122860
#1	5318.440	91227.26	7664.005	4164.288	6310.296
#2	5321.682	91054.18	7777.324	4168.188	6308.325
#3	5353.643	90986.73	7534.797	4147.792	6365.433

Reviewed By:jaswal
On:10/24/2025 6:34:14 PM
Inst Id :P4
LB :LB137613

Sample Name: Q3365-04 Acquired: 10/21/2025 17:58:11 Type: Unk
Method: 6010-200.7 NEW(v304) 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	**-.003592**	**-.001956**	**-.000089**	**.0019278**	**.0031183**	**.0355133**
Stddev	.001216	.001667	.000475	.0019909	.0004258	.0108358
%RSD	33.86113	85.22677	532.4270	103.2721	13.65572	30.51199
#1	-.004099	-.000058	-.000631	.0033795	.0028726	.0240952
#2	-.002204	-.003181	.000108	-.000342	.0028723	.0456536
#3	-.004472	-.002629	.000255	.002746	.0036100	.0367913

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0856082**	**-.000201**	**-.000030**	**187.9811**	**.0010403**	**.0025162**
Stddev	.0015233	.000056	.000054	1.2787	.0003273	.0001669
%RSD	1.779385	27.55908	180.3987	.6802293	31.46538	6.633535
#1	.0865751	-.000263	.000012	189.3125	.0008096	.0026052
#2	.0838522	-.000155	-.000090	186.7626	.0014149	.0026196
#3	.0863973	-.000186	-.000011	187.8681	.0008964	.0023236

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1271316**	**.0440514**	**.9017756**	**58.77241**	**.0149511**	**-.000543**
Stddev	.0009551	.0032785	.0039422	.51953	.0004974	.000095
%RSD	.7512784	7.442501	.4371602	.8839737	3.326871	17.59623
#1	.1276966	.0449522	.9049576	59.36871	.0145623	-.000579
#2	.1276694	.0467853	.8973655	58.41737	.0155116	-.000615
#3	.1260289	.0404166	.9030037	58.53116	.0147794	-.000434

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**252.8404**	**-.001320**	**.2036555**	**9.949887**	**.0913516**	**.0076786**
Stddev	2.1800	.002038	.0010061	.169373	.0016948	.0000990
%RSD	.8622088	154.4165	.4940022	1.702261	1.855262	1.289782
#1	255.2566	-.003453	.2031524	9.779004	.0929594	.0077904
#2	251.0209	-.001113	.2030002	9.952948	.0895815	.0076436
#3	252.2436	.000607	.2048139	10.11771	.0915140	.0076018

Sample Name: Q3365-04 Acquired: 10/21/2025 17:58:11 Type: Unk
Method: 6010-200.7 NEW(v304) 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	-.039087	-.005853	F 21.29341	.0123313	9.954892	.0630075
Stddev	.000661	.000433	.14524	.0015344	.078895	.0032213
%RSD	1.690823	7.397525	.6820772	12.44311	.7925201	5.112615
#1	-.039107	-.006243	21.12571	.0140949	9.965114	.0593250
#2	-.039738	-.005387	21.37569	.0113022	9.871384	.0643951
#3	-.038417	-.005929	21.37882	.0115968	10.02818	.0653026

Elem	Sr4077
Units	ppm
Avg	.4069392
Stddev	.0019749
%RSD	.4853067
#1	.4075331
#2	.4047355
#3	.4085490

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5330.383	89405.50	7867.899	4082.104	6240.234
Stddev	23.060	286.32	110.465	3.482	21.712
%RSD	.4326204	.3202481	1.403993	.0852996	.3479369
#1	5321.783	89707.04	7743.973	4081.574	6232.489
#2	5312.860	89372.15	7956.018	4078.918	6223.457
#3	5356.508	89137.33	7903.706	4085.821	6264.757

Reviewed By:jaswal
On:10/24/2025 6:34:14 PM
Inst Id :P4
LB :LB137613

Sample Name: Q3365-05 Acquired: 10/21/2025 18:02:31 Type: Unk
Method: 6010-200.7 NEW(v304) 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	**-.000882**	**-.000412**	**-.001418**	**.0028477**	**.0045131**	**.0318582**
Stddev	.001695	.001503	.001829	.0049585	.0003820	.0050434
%RSD	192.1731	365.0673	128.9814	174.1248	8.463857	15.83068
#1	-.000259	.000902	.000642	-.002734	.0045575	.0348270
#2	-.002801	-.000086	-.002851	.004534	.0048709	.0347125
#3	.000414	-.002051	-.002043	.006743	.0041108	.0260350

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1663795**	**-.000221**	**-.000011**	**193.1928**	**.0008057**	**.0012270**
Stddev	.0013631	.000013	.000017	.8361	.0000787	.0001728
%RSD	.8192787	6.057257	152.3956	.4327620	9.768343	14.07892
#1	.1674107	-.000205	-.000030	194.1377	.0008948	.0013589
#2	.1668936	-.000229	-.000003	192.8919	.0007767	.0012907
#3	.1648341	-.000227	.000000	192.5489	.0007457	.0010315

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0840205**	**.0671678**	**1.075986**	**71.67785**	**.0051653**	**-.000545**
Stddev	.0002253	.0025667	.011403	.11856	.0004479	.000095
%RSD	.2681631	3.821297	1.059811	.1654015	8.670505	17.38369
#1	.0842510	.0667735	1.088394	71.74526	.0050795	-.000471
#2	.0840099	.0648211	1.073600	71.74734	.0056499	-.000511
#3	.0838007	.0699088	1.065964	71.54096	.0047666	-.000651

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**318.3760**	**-.002151**	**.0679139**	**7.478414**	**.0638621**	**.0054785**
Stddev	4.5173	.001253	.0004660	.065520	.0011437	.0003106
%RSD	1.418854	58.24509	.6861355	.8761251	1.790891	5.669530
#1	318.3235	-.001872	.0675563	7.508000	.0648754	.0051200
#2	322.9192	-.003520	.0677446	7.523925	.0640889	.0056486
#3	313.8851	-.001061	.0684409	7.403319	.0626220	.0056668

Reviewed By:jaswal
On:10/24/2025 6:34:14 PM
Inst Id :P4
LB :LB137613

Sample Name: Q3365-05 Acquired: 10/21/2025 18:02:31 Type: Unk
Method: 6010-200.7 NEW(v304) 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	-.039621	-.007412	F 18.33529	.0122598	F 17.67523	.0599498
Stddev	.000285	.000652	.01940	.0010563	.17943	.0057882
%RSD	.7198008	8.799301	.1058306	8.615920	1.015134	9.655130
#1	-.039769	-.006665	18.35752	.0134500	17.75093	.0583596
#2	-.039800	-.007868	18.32663	.0114339	17.80439	.0551229
#3	-.039292	-.007703	18.32172	.0118954	17.47035	.0663669

Elem	Sr4077
Units	ppm
Avg	.4316877
Stddev	.0042790
%RSD	.9912342
#1	.4357955
#2	.4320118
#3	.4272559

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5159.670	87179.43	7598.530	4052.236	6021.791
Stddev	5.690	298.18	34.762	10.742	5.004
%RSD	.1102857	.3420356	.4574862	.2650854	.0830911
#1	5153.184	87247.68	7580.575	4058.089	6018.317
#2	5163.822	86853.04	7576.417	4039.838	6027.526
#3	5162.005	87437.58	7638.598	4058.779	6019.531

Sample Name: Q3370-01 Acquired: 10/21/2025 18:06:51 Type: Unk
Method: 6010-200.7 NEW(v304) 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	**-.002351**	**-.003946**	**-.000235**	**.0056557**	**.0036414**	**1.325892**
Stddev	.002466	.000926	.000438	.0026689	.0005996	.012298
%RSD	104.8663	23.46071	186.4222	47.19024	16.46477	.9275348
#1	-.000617	-.003236	-.000287	.0048404	.0036827	1.314582
#2	-.001263	-.004993	.000227	.0086372	.0030223	1.324110
#3	-.005174	-.003609	-.000645	.0034895	.0042192	1.338984

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0477002**	**-.000121**	**-.000077**	**50.17864**	**.0303517**	**.0000090**
Stddev	.0018638	.000040	.000019	.29537	.0001590	.0000828
%RSD	3.907274	33.40495	24.99333	.5886436	.5239154	921.2791
#1	.0493148	-.000122	-.000092	50.51155	.0303663	.0000903
#2	.0481252	-.000160	-.000083	50.07642	.0301859	.0000120
#3	.0456607	-.000080	-.000055	49.94795	.0305029	-.000075

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0353789**	**.3689994**	**.0212408**	**17.23545**	**.0338537**	**-.000447**
Stddev	.0002164	.0076244	.0007067	.09496	.0002113	.000248
%RSD	.6116918	2.066238	3.326949	.5509484	.6242152	55.42028
#1	.0355496	.3602260	.0220551	17.33102	.0336111	-.000301
#2	.0354517	.3740202	.0208785	17.23420	.0339530	-.000308
#3	.0351355	.3727521	.0207887	17.14112	.0339971	-.000734

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**202.9877**	**-.001099**	**1.321884**	**23.43856**	**.6357199**	**.0022949**
Stddev	1.0506	.001855	.002596	.11413	.0086634	.0001505
%RSD	.5175571	168.8910	.1963745	.4869525	1.362772	6.557964
#1	203.8457	-.000977	1.323682	23.32588	.6444774	.0021999
#2	201.8160	.000693	1.318908	23.43570	.6355286	.0024684
#3	203.3014	-.003012	1.323061	23.55409	.6271538	.0022164

Sample Name: Q3370-01 Acquired: 10/21/2025 18:06:51 Type: Unk
Method: 6010-200.7 NEW(v304) 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	-.028626	-.000769	4.116180	1.090323	F 102.2481	.0062403
Stddev	.000237	.002297	.030201	.002539	.3184	.0019052
%RSD	.8275428	298.5733	.7337153	.2328457	.3114039	30.53032
#1	-.028409	-.000420	4.081542	1.087973	101.8862	.0067668
#2	-.028879	.001333	4.129998	1.093016	102.4852	.0078268
#3	-.028591	-.003222	4.137000	1.089978	102.3729	.0041272

Elem	Sr4077
Units	ppm
Avg	.2552686
Stddev	.0019809
%RSD	.7759933
#1	.2575358
#2	.2543970
#3	.2538730

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5499.614	93374.54	7850.058	4366.949	6541.709
Stddev	13.438	128.30	66.381	14.838	19.344
%RSD	.2443394	.1374086	.8456060	.3397695	.2957032
#1	5493.165	93514.03	7778.181	4375.138	6524.425
#2	5490.616	93348.01	7862.939	4375.886	6538.097
#3	5515.061	93261.57	7909.055	4349.821	6562.604

Sample Name: Q3370-01DUP Acquired: 10/21/2025 18:11:10 Type: Unk
Method: 6010-200.7 NEW(v304) 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	**-.003956**	**-.003508**	**.0007579**	**.0042311**	**.0030464**	**1.311242**
Stddev	.002364	.002131	.0012534	.0010317	.0000881	.000515
%RSD	59.75351	60.73599	165.3778	24.38432	2.891411	.0392702
#1	-.001416	-.001076	.0021872	.0036171	.0030365	1.311654
#2	-.006092	-.005045	-.000154	.0036540	.0029638	1.310665
#3	-.004360	-.004404	.000240	.0054222	.0031391	1.311408

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0455746**	**-.000101**	**-.000091**	**49.29403**	**.0306258**	**.0000642**
Stddev	.0029768	.000091	.000089	.21084	.0002885	.0002661
%RSD	6.531655	90.15978	98.50062	.4277117	.9419366	414.7933
#1	.0443114	.000004	-.000184	49.17600	.0307050	-.000214
#2	.0434377	-.000156	-.000082	49.16865	.0303060	.000316
#3	.0489747	-.000153	-.000006	49.53745	.0308664	.000091

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0352056**	**.3669956**	**.0199769**	**16.98159**	**.0345469**	**-.000503**
Stddev	.0000744	.0060562	.0003276	.06971	.0002237	.000147
%RSD	.2112653	1.650221	1.639733	.4105137	.6474025	29.22817
#1	.0352900	.3737917	.0203368	16.91049	.0347958	-.000666
#2	.0351493	.3650251	.0198977	16.98447	.0343628	-.000462
#3	.0351776	.3621700	.0196962	17.04982	.0344821	-.000380

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**195.1950**	**-.002866**	**1.334297**	**23.04781**	**.6310087**	**.0025222**
Stddev	2.4829	.002018	.003787	.19326	.0036959	.0000315
%RSD	1.271985	70.42044	.2838154	.8385233	.5857166	1.250604
#1	197.5878	-.002474	1.338657	23.23195	.6267526	.0024860
#2	192.6310	-.005051	1.332408	22.84656	.6328646	.0025369
#3	195.3664	-.001072	1.331826	23.06491	.6334089	.0025437

Reviewed By:jaswal
On:10/24/2025 6:34:14 PM
Inst Id :P4
LB :LB137613

Sample Name: Q3370-01DUP Acquired: 10/21/2025 18:11:10 Type: Unk
Method: 6010-200.7 NEW(v304) 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	-.028573	-.000366	4.103174	1.090305	F 102.6306	.0053710
Stddev	.001499	.000853	.014882	.006703	.5109	.0017638
%RSD	5.245822	232.6597	.3626860	.6147770	.4977754	32.83898
#1	-.028774	-.000558	4.115940	1.095030	102.4136	.0036261
#2	-.029961	-.001107	4.086830	1.093251	103.2141	.0071531
#3	-.026984	.000566	4.106753	1.082633	102.2640	.0053338

Elem	Sr4077
Units	ppm
Avg	.2471331
Stddev	.0008964
%RSD	.3627230
#1	.2474319
#2	.2461254
#3	.2478419

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5509.287	93020.97	7953.330	4291.215	6576.201
Stddev	6.164	482.51	35.920	13.156	16.091
%RSD	.1118767	.5187115	.4516321	.3065817	.2446838
#1	5513.252	92585.16	7991.470	4279.049	6568.398
#2	5502.186	93539.49	7948.375	4305.177	6565.499
#3	5512.423	92938.26	7920.144	4289.419	6594.706

Reviewed By:jaswal
On:10/24/2025 6:34:14 PM
Inst Id :P4
LB :LB137613

Sample Name: Q3370-01LX5 Acquired: 10/21/2025 18:15:26 Type: Unk
Method: 6010-200.7 NEW(v304) 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	**-.000212**	**.0015263**	**-.000381**	**.0017329**	**.0001734**	**.2745232**
Stddev	.000694	.0029433	.000847	.0026355	.0011461	.0061655
%RSD	326.5792	192.8390	222.5507	152.0839	661.0092	2.245895
#1	.000460	.0045311	-.000950	-.000705	.0013757	.2680374
#2	-.000171	-.001351	-.000785	.001374	-.000907	.2752235
#3	-.000926	.001399	.000593	.004529	.000051	.2803086

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0067725**	**.0000828**	**-.000042**	**10.29287**	**.0058931**	**-.000182**
Stddev	.0011047	.0000242	.000014	.00936	.0001645	.000120
%RSD	16.31095	29.16954	32.57515	.0909012	2.790817	66.00678
#1	.0070805	.0000962	-.000037	10.29211	.0060046	-.000317
#2	.0055466	.0000973	-.000032	10.28392	.0059703	-.000083
#3	.0076906	.0000549	-.000058	10.30259	.0057042	-.000148

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0074893**	**.0715947**	**.0042491**	**3.527452**	**.0067984**	**-.000548**
Stddev	.0001226	.0050673	.0003874	.031355	.0000913	.000292
%RSD	1.636987	7.077738	9.116408	.8888963	1.343683	53.32662
#1	.0073887	.0746540	.0044735	3.562294	.0068294	-.000267
#2	.0076258	.0743846	.0038018	3.518557	.0068702	-.000850
#3	.0074533	.0657456	.0044721	3.501505	.0066956	-.000526

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**40.88751**	**.0012094**	**.2677877**	**6.030667**	**.1272437**	**.0000348**
Stddev	.28368	.0027035	.0004977	.025235	.0018112	.0000466
%RSD	.6937945	223.5428	.1858522	.4184372	1.423432	133.9984
#1	41.18104	.0032826	.2677827	6.025589	.1269128	.0000878
#2	40.86667	-.001848	.2672926	6.058054	.1256207	.0000002
#3	40.61484	.002194	.2682879	6.008357	.1291975	.0000164

Sample Name: Q3370-01LX5 Acquired: 10/21/2025 18:15:26 Type: Unk
Method: 6010-200.7 NEW(v304) 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	-.014975	.0011021	.7824519	.2151348	F 20.86338	.0242365
Stddev	.000735	.0014098	.0140099	.0003676	.07317	.0047604
%RSD	4.908607	127.9188	1.790517	.1708676	.3507261	19.64128
#1	-.015443	.0027236	.7975276	.2147109	20.88485	.0273541
#2	-.014128	.0004160	.7698325	.2153657	20.92341	.0265982
#3	-.015354	.0001666	.7799957	.2153278	20.78187	.0187570

Elem	Sr4077
Units	ppm
Avg	.0514354
Stddev	.0001990
%RSD	.3869950
#1	.0512697
#2	.0513803
#3	.0516562

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5828.132	98668.32	7914.926	4521.172	7243.860
Stddev	18.526	316.98	21.299	16.257	21.490
%RSD	.3178705	.3212541	.2691016	.3595759	.2966600
#1	5810.006	98360.56	7911.978	4505.471	7224.785
#2	5827.356	98650.63	7937.546	4520.111	7239.653
#3	5847.033	98993.77	7895.255	4537.933	7267.142

Sample Name: Q3370-01MS Acquired: 10/21/2025 18:19:41 Type: Unk
Method: 6010-200.7 NEW(v304) 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	**.7640551**	**1.655656**	**.8458001**	**1.915778**	**.7929658**	**3.182036**
Stddev	.0042607	.049790	.0043723	.003059	.0022569	.016472
%RSD	.5576417	3.007257	.5169476	.1596678	.2846170	.5176555
#1	.7608551	1.669205	.8431455	1.917547	.7954190	3.194134
#2	.7624188	1.600494	.8434081	1.912246	.7909775	3.163277
#3	.7688913	1.697269	.8508465	1.917542	.7925010	3.188697

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2297730**	**.1718345**	**.1758207**	**51.99686**	**.4032578**	**.1830785**
Stddev	.0003536	.0015980	.0008280	.11340	.0016875	.0004668
%RSD	.1538995	.9299948	.4709124	.2180917	.4184553	.2549931
#1	.2296605	.1705870	.1749398	52.11136	.4052042	.1825537
#2	.2294893	.1736358	.1759392	51.88459	.4023631	.1832342
#3	.2301692	.1712807	.1765830	51.99463	.4022062	.1834475

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3142038**	**3.320769**	**.2019862**	**19.37508**	**.4883064**	**.0664505**
Stddev	.0005701	.039220	.0005558	.10975	.0017294	.0004021
%RSD	.1814557	1.181057	.2751701	.5664407	.3541553	.6051208
#1	.3140026	3.334961	.2014212	19.28489	.4863722	.0660014
#2	.3148472	3.276429	.2025323	19.34308	.4888438	.0667770
#3	.3137614	3.350919	.2020051	19.49727	.4897033	.0665732

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**204.1070**	**.2786693**	**1.553650**	**33.28025**	**.8927916**	**.4105293**
Stddev	3.6690	.0009935	.003657	.41323	.0114760	.0009147
%RSD	1.797602	.3565259	.2354043	1.241681	1.285402	.2228002
#1	208.3140	.2776626	1.554017	33.67479	.8824040	.4094972
#2	202.4364	.2796491	1.557110	32.85056	.9051108	.4108510
#3	201.5705	.2786962	1.549823	33.31538	.8908600	.4112396

Sample Name: Q3370-01MS Acquired: 10/21/2025 18:19:41 Type: Unk
Method: 6010-200.7 NEW(v304) 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	.6095755	.1814879	5.096193	6.378145	F 106.0663	.1785345
Stddev	.0022510	.0026939	.085979	.046006	.4975	.0031135
%RSD	.3692707	1.484338	1.687128	.7213137	.4690608	1.743940
#1	.6074659	.1802663	5.169618	6.350309	105.9819	.1774433
#2	.6093154	.1845761	5.001610	6.352878	105.6163	.1820467
#3	.6119453	.1796211	5.117351	6.431248	106.6006	.1761134

Elem	Sr4077
Units	ppm
Avg	.4360897
Stddev	.0016885
%RSD	.3871967
#1	.4374948
#2	.4342165
#3	.4365579

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5482.828	93226.87	7890.777	4320.430	6547.123
Stddev	17.380	499.39	45.740	10.020	28.631
%RSD	.3169916	.5356709	.5796670	.2319278	.4373085
#1	5502.755	92658.18	7911.296	4310.957	6578.461
#2	5474.922	93593.87	7838.370	4319.414	6540.572
#3	5470.806	93428.57	7922.664	4330.920	6522.334

Sample Name: Q3370-01MSD Acquired: 10/21/2025 18:23:45 Type: Unk
Method: 6010-200.7 NEW(v304) 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	**.7667624**	**1.633466**	**.8531688**	**1.921143**	**.7988846**	**3.170325**
Stddev	.0014001	.014386	.0017267	.003663	.0023301	.009279
%RSD	.1825969	.8806923	.2023906	.1906693	.2916658	.2926677
#1	.7661681	1.648198	.8538004	1.925291	.7962783	3.163121
#2	.7657576	1.632746	.8512152	1.918353	.8007664	3.180795
#3	.7683617	1.619453	.8544909	1.919785	.7996091	3.167059

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2344598**	**.1747313**	**.1770307**	**51.20708**	**.4004699**	**.1844824**
Stddev	.0024544	.0015451	.0000876	.12093	.0011024	.0003918
%RSD	1.046847	.8843012	.0494571	.2361606	.2752797	.2123676
#1	.2319073	.1730794	.1769622	51.06913	.4004215	.1840304
#2	.2368028	.1761412	.1770005	51.29478	.4015958	.1846924
#3	.2346693	.1749732	.1771293	51.25735	.3993926	.1847245

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3157735**	**3.362567**	**.2078139**	**19.14072**	**.4903608**	**.0670784**
Stddev	.0007959	.008658	.0023788	.10476	.0008458	.0005640
%RSD	.2520355	.2574858	1.144687	.5473151	.1724915	.8407373
#1	.3151852	3.362650	.2050676	19.03164	.4898825	.0674344
#2	.3166790	3.353867	.2092346	19.24055	.4898625	.0673727
#3	.3154562	3.371183	.2091396	19.14998	.4913374	.0664282

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**203.5253**	**.2844435**	**1.521824**	**32.87248**	**.8903170**	**.4111633**
Stddev	.5339	.0014433	.005527	.01781	.0050560	.0005809
%RSD	.2623494	.5074260	.3631680	.0541652	.5678842	.1412916
#1	204.1175	.2836558	1.515448	32.87347	.8845652	.4116366
#2	203.0805	.2861093	1.524774	32.88976	.8940592	.4105150
#3	203.3779	.2835653	1.525249	32.85419	.8923265	.4113384

Reviewed By:jaswal
On:10/24/2025 6:34:14 PM
Inst Id :P4
LB :LB137613

Sample Name: Q3370-01MSD Acquired: 10/21/2025 18:23:45 Type: Unk
Method: 6010-200.7 NEW(v304) 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	.6157559	.1857601	4.979445	6.444378	F 103.4745	.1864976
Stddev	.0010024	.0008786	.013926	.012413	.2862	.0014815
%RSD	.1627891	.4729764	.2796646	.1926102	.2765601	.7943605
#1	.6162486	.1852828	4.982295	6.442500	103.7552	.1848404
#2	.6146026	.1867741	4.964315	6.433011	103.1832	.1876937
#3	.6164166	.1852235	4.991725	6.457622	103.4850	.1869587

Elem	Sr4077
Units	ppm
Avg	.4380588
Stddev	.0029387
%RSD	.6708480
#1	.4351301
#2	.4410075
#3	.4380387

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5448.663	92734.94	7770.327	4316.917	6488.194
Stddev	1.240	133.48	53.159	13.928	.467
%RSD	.0227624	.1439326	.6841312	.3226470	.0072019
#1	5447.234	92774.54	7825.909	4332.926	6487.677
#2	5449.302	92586.14	7719.978	4307.569	6488.316
#3	5449.453	92844.13	7765.094	4310.257	6488.588

Reviewed By:jaswal
On:10/24/2025 6:34:14 PM
Inst Id :P4
LB :LB137613

Sample Name: CCV06 Acquired: 10/21/2025 18:27:52 Type: Unk
Method: 6010-200.7 NEW(v304) 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	**4.746412**	**4.848208**	**4.605477**	**4.867807**	**4.897568**	**9.222509**	**9.374038**
Stddev	.010861	.093969	.008696	.016550	.001144	.038550	.014645
%RSD	.2288294	1.938227	.1888094	.3399785	.0233574	.4179940	.1562300
#1	4.748775	4.839494	4.598666	4.866737	4.897023	9.178315	9.376038
#2	4.734564	4.758900	4.602493	4.851819	4.898883	9.240001	9.387580
#3	4.755898	4.946231	4.615271	4.884866	4.896799	9.249211	9.358496

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2262833**	**2.271527**	**23.00602**	**.9049063**	**2.306947**	**1.184135**	**4.731394**
Stddev	.0002043	.004412	.02570	.0078254	.004851	.000547	.051047
%RSD	.0902687	.1942316	.1117277	.8647700	.2102893	.0461912	1.078908
#1	.2264374	2.267730	22.98146	.9088097	2.306291	1.184685	4.721802
#2	.2260516	2.270484	23.00386	.9100121	2.302457	1.183591	4.786557
#3	.2263609	2.276367	23.03273	.8958970	2.312092	1.184130	4.685823

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.328081**	**22.75006**	**2.301557**	**1.169763**	**24.40601**	**2.322260**	**2.321427**
Stddev	.002007	.08903	.004783	.010792	.32617	.011612	.025312
%RSD	.0862233	.3913430	.2078088	.9225689	1.336442	.5000133	1.090362
#1	2.329389	22.78031	2.297957	1.175717	24.57931	2.309227	2.332971
#2	2.329085	22.64984	2.299729	1.176267	24.60895	2.331504	2.338910
#3	2.325770	22.82002	2.306984	1.157306	24.02977	2.326049	2.292401

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**24.10552**	**4.603766**	**4.728417**	**4.577137**	**4.667353**	**4.692239**	**4.670458**
Stddev	.24685	.006284	.006149	.016980	.002251	.051356	.015563
%RSD	1.024019	.1364986	.1300352	.3709782	.0482366	1.094486	.3332154
#1	24.12601	4.610976	4.723662	4.574457	4.666601	4.682004	4.676003
#2	24.34148	4.600869	4.726229	4.561656	4.665574	4.747941	4.652882
#3	23.84907	4.599452	4.735361	4.595297	4.669884	4.646771	4.682489

Reviewed By:jaswal
On:10/24/2025 6:34:14 PM
Inst Id :P4
LB :LB137613

Sample Name: CCV06 Acquired: 10/21/2025 18:27:52 Type: Unk
Method: 6010-200.7 NEW(v304) 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	**4.725152**	**4.601929**	**4.734936**
Stddev	.031766	.010590	.029653
%RSD	.6722727	.2301231	.6262568
#1	4.734380	4.612654	4.723361
#2	4.689794	4.601654	4.712816
#3	4.751283	4.591479	4.768631

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**5815.662**	**99167.93**	**8001.044**	**4633.728**	**6801.241**
Stddev	14.164	658.55	26.949	19.544	15.754
%RSD	.2435504	.6640743	.3368144	.4217754	.2316331
#1	5831.076	99003.54	8016.731	4647.135	6819.277
#2	5803.219	98607.15	8016.475	4611.304	6794.273
#3	5812.691	99893.10	7969.927	4642.746	6790.172

Sample Name: CCB06 Acquired: 10/21/2025 18:31:55 Type: Unk
Method: 6010-200.7 NEW(v304) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCB06 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000492**	**-.000041**	**.0001165**	**.0002323**	**-.000768**	**.0113791**
Stddev	.001704	.001919	.0001116	.0019651	.000630	.0058808
%RSD	346.4807	4711.605	95.83194	845.8822	81.94971	51.68030
#1	.001471	-.001404	.0001613	-.001331	-.000253	.0073195
#2	-.001354	.002154	-.000011	.002438	-.001470	.0181231
#3	-.001592	-.000872	.000199	-.000410	-.000582	.0086949

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.003361**	**.0000627**	**-.000030**	**.0004350**	**.0000259**	**-.000082**
Stddev	.000130	.0000787	.000005	.0046583	.0000768	.000078
%RSD	3.865653	125.5077	17.16520	1070.766	296.0153	95.09999
#1	-.003229	.0000795	-.000029	-.004548	.0000687	-.000039
#2	-.003367	-.000023	-.000026	.001172	-.000063	-.000035
#3	-.003489	.000132	-.000036	.004681	.000072	-.000172

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0002209**	**.0064943**	**-.001012**	**-.009307**	**.0003323**	**-.000185**
Stddev	.0002582	.0052592	.000597	.035752	.0002596	.000014
%RSD	116.8936	80.98175	58.99557	384.1265	78.11506	7.426907
#1	-.000041	.0050538	-.001686	.026074	.0001376	-.000170
#2	.000475	.0123237	-.000804	-.045418	.0006270	-.000196
#3	.000229	.0021055	-.000547	-.008577	.0002323	-.000189

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.9995380**	**-.001244**	**.0002582**	**.9558595**	**-.016062**	**-.000072**
Stddev	.0151421	.000358	.0000749	.0399764	.000141	.000180
%RSD	1.514906	28.76431	29.01883	4.182248	.8779884	247.9979
#1	.9866369	-.000831	.0002911	.9127857	-.015979	.000133
#2	.9957682	-.001435	.0001725	.9917700	-.015983	-.000199
#3	1.016209	-.001466	.0003111	.9630228	-.016225	-.000152

Reviewed By:jaswal
On:10/24/2025 6:34:14 PM
Inst Id :P4
LB :LB137613

Sample Name: CCB06 Acquired: 10/21/2025 18:31:55 Type: Unk
Method: 6010-200.7 NEW(v304) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCB06 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.012571	.0020305	-.011713	.0020598	F .0243732	.0007825
Stddev	.000126	.0008335	.018444	.0011221	.0006183	.0037357
%RSD	1.002298	41.05009	157.4680	54.47399	2.536891	477.3975
#1	-.012666	.0028854	.000005	.0009766	.0250594	.0047632
#2	-.012620	.0019860	-.002170	.0019859	.0242010	-.002647
#3	-.012428	.0012201	-.032974	.0032171	.0238593	.000231

Elem	Sr4077
Units	ppm
Avg	.0000147
Stddev	.0000432
%RSD	293.2840
#1	-.000034
#2	.000046
#3	.000032

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5917.587	99684.50	7655.918	4608.500	7735.298
Stddev	12.784	318.67	138.494	19.965	21.595
%RSD	.2160399	.3196783	1.808981	.4332243	.2791739
#1	5928.264	100052.1	7496.002	4631.517	7757.895
#2	5903.420	99486.9	7735.057	4598.128	7714.869
#3	5921.077	99514.5	7736.696	4595.857	7733.130

Sample Name: Q3370-01A Acquired: 10/21/2025 18:36:14 Type: Unk
Method: 6010-200.7 NEW(v304) 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	**.7628048**	**1.609232**	**.8571048**	**1.903853**	**.7854201**	**3.181187**
Stddev	.0015197	.020310	.0015229	.001650	.0007033	.014289
%RSD	.1992223	1.262063	.1776739	.0866749	.0895484	.4491569
#1	.7643800	1.632290	.8560029	1.905306	.7859581	3.166181
#2	.7626869	1.594001	.8588425	1.904193	.7846243	3.194629
#3	.7613475	1.601404	.8564690	1.902059	.7856780	3.182752

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2307391**	**.1793744**	**.1779193**	**50.03999**	**.4033424**	**.1841089**
Stddev	.0010250	.0005378	.0003788	.21331	.0018811	.0003443
%RSD	.4442409	.2998180	.2129173	.4262841	.4663774	.1870324
#1	.2298116	.1792358	.1779775	49.81549	.4040506	.1839776
#2	.2305660	.1789194	.1782656	50.24001	.4047667	.1844995
#3	.2318397	.1799679	.1775147	50.06447	.4012100	.1838495

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3143526**	**3.316522**	**.2072396**	**18.86824**	**.4910649**	**.0621667**
Stddev	.0003357	.026269	.0010881	.14293	.0006842	.0020741
%RSD	.1067974	.7920751	.5250552	.7575066	.1393273	3.336333
#1	.3146329	3.299011	.2061800	18.70414	.4917206	.0600905
#2	.3144444	3.346728	.2083541	18.93506	.4911187	.0621710
#3	.3139805	3.303827	.2071847	18.96551	.4903554	.0642386

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**203.6527**	**.2849468**	**1.519233**	**32.58226**	**.8982401**	**.4063166**
Stddev	1.9787	.0016300	.005502	.17810	.0037044	.0002466
%RSD	.9716052	.5720264	.3621605	.5466238	.4124061	.0607025
#1	203.6722	.2833278	1.524503	32.60780	.8968329	.4065995
#2	205.6215	.2865875	1.519671	32.74622	.8954454	.4062035
#3	201.6642	.2849252	1.513525	32.39277	.9024419	.4061467

Sample Name: Q3370-01A Acquired: 10/21/2025 18:36:14 Type: Unk
Method: 6010-200.7 NEW(v304) 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	.6112794	.1817351	5.015867	6.409391	F 100.7108	.1871315
Stddev	.0014658	.0011868	.021666	.019553	.4965	.0072252
%RSD	.2397976	.6530158	.4319412	.3050723	.4929513	3.861032
#1	.6128146	.1811766	5.021366	6.431884	101.2830	.1787899
#2	.6111291	.1809305	5.034254	6.399840	100.4547	.1914333
#3	.6098945	.1830980	4.991982	6.396448	100.3947	.1911712

Elem	Sr4077
Units	ppm
Avg	.4264227
Stddev	.0013935
%RSD	.3267914
#1	.4253392
#2	.4279947
#3	.4259342

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5497.032	90808.26	7678.008	4160.847	6538.191
Stddev	9.324	390.60	10.954	7.213	4.674
%RSD	.1696142	.4301336	.1426646	.1733483	.0714827
#1	5504.014	90598.86	7686.447	4157.559	6538.301
#2	5486.443	90567.01	7681.948	4155.865	6533.463
#3	5500.637	91258.91	7665.629	4169.118	6542.809

Sample Name: Q3376-07 Acquired: 10/21/2025 18:40:14 Type: Unk
Method: 6010-200.7 NEW(v304) 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	**-.002937**	**-.003144**	**-.000277**	**.0036817**	**.0037949**	**.0250045**	**-.005983**
Stddev	.001167	.000632	.000497	.0018912	.0019457	.0153179	.000265
%RSD	39.73680	20.08899	179.5238	51.36624	51.27058	61.26062	4.434988
#1	-.002406	-.002747	.000295	.0052396	.0056937	.0110509	-.006115
#2	-.002129	-.003872	-.000606	.0042280	.0018055	.0225679	-.005678
#3	-.004274	-.002812	-.000521	.0015775	.0038856	.0413946	-.006156

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000209**	**-.000116**	**.0847802**	**.0013314**	**-.000385**	**.0006267**	**.0234494**
Stddev	.000035	.000037	.0089804	.0003571	.000068	.0000678	.0066826
%RSD	16.84958	32.11163	10.59260	26.82006	17.70388	10.82210	28.49820
#1	-.000203	-.000073	.0884998	.0009664	-.000311	.0006029	.0288304
#2	-.000247	-.000143	.0913032	.0016800	-.000445	.0005741	.0255485
#3	-.000177	-.000131	.0745376	.0013477	-.000397	.0007033	.0159692

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0015439**	**.0366468**	**-.000061**	**-.000444**	**.1383311**	**-.001623**	**.0057283**
Stddev	.0002521	.0299781	.000197	.000054	.0024231	.001347	.0003180
%RSD	16.32647	81.80267	320.3227	12.18705	1.751639	82.99549	5.551221
#1	.0018306	.0375309	-.000185	-.000382	.1381020	-.000241	.0054546
#2	.0013571	.0062365	.000165	-.000482	.1360307	-.001695	.0060771
#3	.0014440	.0661731	-.000165	-.000467	.1408606	-.002932	.0056533

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.257827**	**-.021116**	**.0003885**	**-.035192**	**-.000880**	**.0205880**	**.0059166**
Stddev	.028694	.000365	.0000509	.000497	.000589	.0133790	.0003792
%RSD	11.12901	1.730117	13.09077	1.412859	66.86646	64.98418	6.409781
#1	-.236756	-.020746	.0003456	-.035076	-.001480	.0076189	.0055837
#2	-.290506	-.021477	.0003753	-.035738	-.000303	.0198029	.0063295
#3	-.246218	-.021125	.0004447	-.034764	-.000858	.0343423	.0058368

Reviewed By:jaswal
On:10/24/2025 6:34:14 PM
Inst Id :P4
LB :LB137613

Sample Name: Q3376-07 Acquired: 10/21/2025 18:40:14 Type: Unk
Method: 6010-200.7 NEW(v304) 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	.0442321	-.011563	.0002134
Stddev	.0021719	.004071	.0000418
%RSD	4.910209	35.20666	19.57122
#1	.0417242	-.008908	.0002028
#2	.0454948	-.009532	.0002595
#3	.0454772	-.016250	.0001780

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5834.990	100133.1	7807.675	4541.898	7720.030
Stddev	11.197	913.1	16.211	47.341	11.282
%RSD	.1918997	.9118571	.2076341	1.042308	.1461447
#1	5834.128	100334.8	7789.784	4569.768	7707.576
#2	5846.593	99136.0	7811.850	4487.238	7729.568
#3	5824.248	100928.5	7821.390	4568.689	7722.946

Sample Name: Q3400-01 Acquired: 10/21/2025 18:44:33 Type: Unk
Method: 6010-200.7 NEW(v304) 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	**.0267512**	**-.006480**	**.0989223**	**.0072069**	**-.002097**	**47.66527**
Stddev	.0001467	.001933	.0005441	.0002361	.001876	.12174
%RSD	.5482996	29.83630	.5500259	3.275859	89.46613	.2554163
#1	.0266234	-.007208	.0995191	.0072273	-.003759	47.64281
#2	.0267188	-.007945	.0984540	.0074321	-.000063	47.55632
#3	.0269113	-.004289	.0987936	.0069613	-.002468	47.79668

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3362754**	**.0041661**	**.0006756**	**45.79131**	**.1345096**	**.0193809**
Stddev	.0023653	.0000805	.0000315	.11827	.0001995	.0000540
%RSD	.7033721	1.932688	4.668019	.2582856	.1483373	.2787467
#1	.3335720	.0042377	.0006811	45.70686	.1347044	.0194334
#2	.3372904	.0041817	.0006417	45.74059	.1343057	.0193255
#3	.3379637	.0040789	.0007041	45.92648	.1345186	.0193839

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1028999**	**52.99427**	**2.086783**	**10.97461**	**.0495857**	**-.003744**
Stddev	.0005796	.20345	.012503	.00852	.0003083	.000389
%RSD	.5632671	.3839013	.5991703	.0776060	.6217359	10.39097
#1	.1035487	52.77566	2.072349	10.98393	.0496453	-.003895
#2	.1027176	53.02910	2.093725	10.97266	.0498598	-.003302
#3	.1024333	53.17806	2.094275	10.96724	.0492519	-.004035

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**75.63509**	**.0852612**	**.1403458**	**6.378161**	**.1002710**	**.0273693**
Stddev	.51562	.0021894	.0001570	.006535	.0016455	.0003364
%RSD	.6817153	2.567921	.1118406	.1024552	1.641096	1.229007
#1	75.06197	.0830847	.1405193	6.384363	.0984298	.0277297
#2	76.06132	.0874634	.1402136	6.378781	.1015981	.0273144
#3	75.78197	.0852356	.1403044	6.371338	.1007852	.0270637

Sample Name: Q3400-01 Acquired: 10/21/2025 18:44:33 Type: Unk
Method: 6010-200.7 NEW(v304) 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	-.035857	.2431087	F 89.98259	.6112608	F 13.92834	.0301607
Stddev	.000487	.0069270	.21773	.0034768	.06267	.0014096
%RSD	1.358280	2.849353	.2419671	.5687885	.4499432	4.673707
#1	-.036209	.2355971	90.01664	.6072506	13.87191	.0300679
#2	-.035302	.2492448	89.74984	.6131009	13.91732	.0287997
#3	-.036062	.2444842	90.18129	.6134307	13.99579	.0316143

Elem	Sr4077
Units	ppm
Avg	.5165433
Stddev	.0025001
%RSD	.4839962
#1	.5136570
#2	.5180339
#3	.5179389

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6446.898	106609.7	8698.804	5090.303	6819.730
Stddev	2.843	162.5	20.329	13.134	3.287
%RSD	.0440962	.1523831	.2337045	.2580128	.0481937
#1	6444.226	106624.9	8713.117	5102.306	6815.961
#2	6446.584	106764.0	8707.761	5092.329	6821.997
#3	6449.885	106440.1	8675.534	5076.274	6821.232

Reviewed By:jaswal
On:10/24/2025 6:34:14 PM
Inst Id :P4
LB :LB137613

Sample Name: Q3398-01 Acquired: 10/21/2025 18:48:40 Type: Unk
Method: 6010-200.7 NEW(v304) 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	k .2851114	s 4.277026	sF -1.85393	k .0098344	k 2.618176	9.986426
Stddev	.0101555	.027815	.40794	.0086049	.006886	.129393
%RSD	3.561949	.6503375	22.00417	87.49816	.2630236	1.295689
#1	k .2968245	k 4.304717	k -1.65253	k .0193510	k 2.610807	9.885762
#2	k .2797423	s 4.277272	s -2.32341	k .0075498	k 2.619275	9.941141
#3	k .2787675	k 4.249089	k -1.58586	k .0026023	k 2.624448	10.13238

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005219	^ *****	s -.152212	2.154863	k 3.393199	^ *****
Stddev	.001190	-----	.024752	.017235	.003371	-----
%RSD	22.79828	-----	16.26140	.7997976	.0993412	-----
#1	-.003868	^ -----	k -.139455	2.171542	k 3.395250	^ -----
#2	-.005677	^ -----	s -.180740	2.137122	k 3.389309	^ -----
#3	-.006111	^ -----	k -.136441	2.155924	k 3.395038	^ -----

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k 1.634741	k 3.221953	k .0154083	F -13.7198	s .2820401	k -.085409
Stddev	.002548	.030999	.0011962	.0942	.0474866	.001214
%RSD	.1558898	.9621242	7.763134	.6865923	16.83684	1.421544
#1	k 1.632075	k 3.246714	k .0167187	-13.7298	.2596040	k -.085111
#2	k 1.634995	k 3.231959	k .0151314	-13.8087	s .3365877	k -.084372
#3	k 1.637153	k 3.187187	k .0143749	-13.6211	.2499287	k -.086745

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1359.201	^ *****	k .0535780	27.80693	kF 24.35203	F 464.4550
Stddev	9.685	-----	.0008573	.17004	.03859	2.8012
%RSD	.7125787	-----	1.600025	.6115145	.1584502	.6031221
#1	1348.898	^ -----	k .0527383	27.65938	k 24.35237	467.3456
#2	1368.120	^ -----	k .0544518	27.76852	k 24.31327	464.2668
#3	1360.587	^ -----	k .0535438	27.99289	k 24.39044	461.7526

Reviewed By:jaswal
On:10/24/2025 6:34:14 PM
Inst Id :P4
LB :LB137613

Sample Name: Q3398-01 Acquired: 10/21/2025 18:48:40 Type: Unk
Method: 6010-200.7 NEW(v304) 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	s -.014230	k .0941608	k 4.757159	s .8160201	sF 85.10907	k .0021226
Stddev	.006659	.0013076	.025322	.1393479	13.90236	.0025288
%RSD	46.79657	1.388713	.5322891	17.07653	16.33476	119.1375
#1	k -.015828	k .0927747	k 4.760711	k .7487421	k 78.17796	k .0000436
#2	s -.006917	k .0943353	k 4.730249	s .9762415	s 101.1144	k .0013863
#3	k -.019944	k .0953725	k 4.780518	k .7230768	k 76.0349	k .0049377

Elem	Sr4077
Units	ppm
Avg	k .0168594
Stddev	.0000649
%RSD	.3846980
#1	k .0168800
#2	k .0167868
#3	k .0169115

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3318.102	79508.57	7489.929	2563.970	^ *****
Stddev	10.475	228.30	34.669	17.929	-----
%RSD	.3156984	.2871396	.4628785	.6992761	-----
#1	3306.703	79277.99	7452.127	2574.113	2423.706
#2	3320.299	79513.21	7497.416	2574.529	^ -----
#3	3327.305	79734.52	7520.242	2543.269	2496.291

Sample Name: Q3399-01 Acquired: 10/21/2025 19:01:24 Type: Unk
Method: 6010-200.7 NEW(v304) 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	.0356953	-.002248	.0472458	.0036928	-.003746	29.02091	.1094038
Stddev	.0010134	.002440	.0006428	.0028922	.000446	.05794	.0005842
%RSD	2.839059	108.5481	1.360516	78.32070	11.89766	.1996570	.5340104
#1	.0351702	-.004026	.0466865	.0003968	-.003315	28.98592	.1087409
#2	.0368635	-.003251	.0479480	.0058068	-.004205	29.08779	.1098435
#3	.0350523	.000534	.0471029	.0048748	-.003717	28.98901	.1096270

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0026671	.0001810	6.373812	.0668869	.0176797	.0732120	69.36372
Stddev	.0000173	.0000154	.005460	.0003203	.0002567	.0002763	.18507
%RSD	.6479972	8.533092	.0856573	.4789301	1.452031	.3774202	.2668131
#1	.0026623	.0001665	6.370833	.0665442	.0176637	.0730257	69.22444
#2	.0026527	.0001792	6.370489	.0671789	.0179440	.0730808	69.57372
#3	.0026862	.0001972	6.380113	.0669377	.0174314	.0735295	69.29298

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.530577	4.484774	.0335979	-.003653	12.93619	.0793324	.1180469
Stddev	.001871	.010512	.0001012	.000366	.07313	.0045228	.0006262
%RSD	.1222157	.2343974	.3011852	10.01203	.5653090	5.701068	.5304954
#1	1.532570	4.473399	.0334921	-.003831	12.97501	.0844792	.1173743
#2	1.530304	4.494130	.0336937	-.003896	12.98173	.0775267	.1186132
#3	1.528859	4.486794	.0336078	-.003233	12.85184	.0759915	.1181531

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.266742	.0403775	.0204577	-.016545	1.003984	6.000203	1.380773
Stddev	.031896	.0019058	.0011656	.000820	.013452	.055271	.010057
%RSD	.9763864	4.719923	5.697434	4.954561	1.339902	.9211546	.7283860
#1	3.247656	.0406105	.0214994	-.017023	1.015710	5.947116	1.392103
#2	3.249007	.0421561	.0206748	-.015598	.989298	6.057426	1.377318
#3	3.303564	.0383660	.0191988	-.017013	1.006944	5.996066	1.372899

Reviewed By:jaswal
On:10/24/2025 6:34:14 PM
Inst Id :P4
LB :LB137613

Sample Name: Q3399-01 Acquired: 10/21/2025 19:01:24 Type: Unk
Method: 6010-200.7 NEW(v304) 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	**1.073489**	**.0228249**	**-.013204**
Stddev	.008304	.0034151	.000096
%RSD	.7735863	14.96212	.7235544
#1	1.083074	.0189981	-.013094
#2	1.068934	.0255628	-.013252
#3	1.068459	.0239137	-.013265

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**5992.107**	**100700.6**	**8000.875**	**4741.983**	**7145.306**
Stddev	8.319	278.0	37.914	27.535	14.290
%RSD	.1388409	.2760235	.4738706	.5806657	.1999932
#1	5992.638	100449.5	7958.422	4710.623	7136.709
#2	5983.535	100652.9	8012.839	4753.121	7137.408
#3	6000.149	100999.3	8031.364	4762.203	7161.802

Reviewed By:jaswal
On:10/24/2025 6:34:14 PM
Inst Id :P4
LB :LB137613

Sample Name: Q3405-01 Acquired: 10/21/2025 19:05:29 Type: Unk
Method: 6010-200.7 NEW(v304) 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	**.0629600**	**.0091629**	**.0906956**	**-.005173**	**.0009857**	**156.1753**
Stddev	.0021433	.0027364	.0060871	.001993	.0023589	.1742
%RSD	3.404194	29.86413	6.711514	38.53236	239.3061	.1115231
#1	.0628931	.0119869	.0973236	-.005425	-.001723	156.3170
#2	.0651359	.0089785	.0894073	-.007028	.002089	155.9808
#3	.0608510	.0065233	.0853558	-.003065	.002591	156.2279

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.8202696**	**.0098917**	**.0046022**	**1610.156**	**.2116893**	**.0608011**
Stddev	.0072967	.0000519	.0009721	13.014	.0012952	.0037739
%RSD	.8895457	.5246982	21.12230	.8082506	.6118233	6.207014
#1	.8263869	.0099513	.0057236	1616.874	.2130612	.0651575
#2	.8121934	.0098563	.0040825	1595.155	.2104877	.0587200
#3	.8222283	.0098675	.0040003	1618.437	.2115191	.0585259

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1282235**	**142.9641**	**3.586475**	**83.18860**	**.1474706**	**-.006873**
Stddev	.0091004	.6384	.023212	.23480	.0075015	.000496
%RSD	7.097267	.4465113	.6472178	.2822516	5.086785	7.213220
#1	.1386883	143.5802	3.603383	83.20158	.1561246	-.007025
#2	.1221647	143.0063	3.560010	82.94758	.1434652	-.006319
#3	.1238177	142.3056	3.596034	83.41664	.1428219	-.007275

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.575105**	**.1698213**	**.6907161**	**8.099441**	**.3429764**	**.0116719**
Stddev	.012529	.0021907	.0049236	.016044	.0006495	.0008981
%RSD	.2738414	1.290019	.7128227	.1980852	.1893603	7.694644
#1	4.566135	.1675865	.6954150	8.094399	.3429004	.0126956
#2	4.569760	.1719652	.6855950	8.117400	.3436606	.0110165
#3	4.589420	.1699122	.6911384	8.086524	.3423683	.0113035

Reviewed By:jaswal
On:10/24/2025 6:34:14 PM
Inst Id :P4
LB :LB137613

Sample Name: Q3405-01 Acquired: 10/21/2025 19:05:29 Type: Unk
Method: 6010-200.7 NEW(v304) 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	-.005375	5.327192	3.288896	5.028470	F 89.59526	.7742944
Stddev	.001269	.023768	.036994	.258030	4.48488	.0030073
%RSD	23.60556	.4461554	1.124827	5.131386	5.005712	.3883979
#1	-.003963	5.350937	3.328931	5.326347	94.76940	.7708730
#2	-.005741	5.303402	3.281785	4.885156	87.19630	.7754907
#3	-.006420	5.327236	3.255974	4.873908	86.82009	.7765196

Elem	Sr4077
Units	ppm
Avg	5.483729
Stddev	.084372
%RSD	1.538589
#1	5.486834
#2	5.397848
#3	5.566506

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5436.674	90433.02	8191.087	4334.233	5058.791
Stddev	199.938	293.88	61.676	28.681	214.684
%RSD	3.677583	.3249669	.7529627	.6617297	4.243772
#1	5205.976	90099.38	8162.926	4303.768	4810.901
#2	5559.700	90546.20	8261.816	4360.714	5184.012
#3	5544.347	90653.47	8148.518	4338.216	5181.462

Reviewed By:jaswal
On:10/24/2025 6:34:14 PM
Inst Id :P4
LB :LB137613

Sample Name: Q3405-02 Acquired: 10/21/2025 19:09:49 Type: Unk
Method: 6010-200.7 NEW(v304) 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	**.0237173**	**.0040787**	**.0661133**	**-.010674**	**.0051792**	**106.8332**
Stddev	.0046121	.0070269	.0027220	.005251	.0018079	.1998
%RSD	19.44622	172.2817	4.117139	49.19384	34.90733	.1870375
#1	.0275152	.0098033	.0641056	-.004669	.0057977	107.0051
#2	.0250516	-.003764	.0650228	-.014400	.0065968	106.6139
#3	.0185852	.006197	.0692114	-.012953	.0031432	106.8806

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5618701**	**.0048198**	**.0016803**	**1717.173**	**.2883335**	**.0346246**
Stddev	.0040273	.0000243	.0001216	8.585	.0005996	.0001584
%RSD	.7167715	.5052501	7.233986	.4999478	.2079527	.4574374
#1	.5663888	.0048479	.0018171	1711.590	.2877272	.0344464
#2	.5605619	.0048064	.0015847	1712.870	.2883473	.0347493
#3	.5586594	.0048050	.0016392	1727.058	.2889261	.0346782

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1263853**	**78.91576**	**2.214444**	**125.1236**	**.1840590**	**-.002617**
Stddev	.0001853	.13677	.014708	.4906	.0008739	.000263
%RSD	.1466352	.1733077	.6641708	.3920934	.4748171	10.03937
#1	.1264792	78.75787	2.231332	125.5690	.1836973	-.002428
#2	.1265048	78.99756	2.204441	124.5977	.1850558	-.002916
#3	.1261718	78.99186	2.207561	125.2039	.1834240	-.002506

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.855379**	**.3531200**	**1.717194**	**10.11531**	**.2216367**	**.0134670**
Stddev	.045459	.0018461	.004690	.11500	.0005502	.0001364
%RSD	1.592052	.5227955	.2731254	1.136870	.2482621	1.012616
#1	2.815110	.3552305	1.717191	9.98424	.2210834	.0133110
#2	2.846354	.3523246	1.712505	10.16239	.2221839	.0135636
#3	2.904674	.3518050	1.721885	10.19929	.2216427	.0135263

Sample Name: Q3405-02 Acquired: 10/21/2025 19:09:49 Type: Unk
Method: 6010-200.7 NEW(v304) 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	-.006484	4.267341	1.524630	3.454603	F 75.61490	.8423933
Stddev	.000794	.019100	.026689	.023185	.25081	.0130821
%RSD	12.24160	.4475895	1.750546	.6711476	.3316990	1.552963
#1	-.005580	4.289391	1.495666	3.428827	75.38316	.8298625
#2	-.006804	4.256716	1.529994	3.461225	75.58033	.8413529
#3	-.007067	4.255916	1.548230	3.473756	75.88120	.8559645

Elem	Sr4077
Units	ppm
Avg	7.769409
Stddev	.047351
%RSD	.6094555
#1	7.722655
#2	7.768236
#3	7.817336

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5237.962	85981.29	7800.434	4057.904	5058.943
Stddev	6.131	265.75	46.826	15.545	4.239
%RSD	.1170511	.3090763	.6002998	.3830696	.0837849
#1	5233.303	86287.03	7746.952	4073.921	5063.837
#2	5244.908	85851.03	7834.059	4056.913	5056.544
#3	5235.674	85805.80	7820.292	4042.879	5056.449

Reviewed By:jaswal
On:10/24/2025 6:34:14 PM
Inst Id :P4
LB :LB137613

Sample Name: Q3405-03 Acquired: 10/21/2025 19:14:10 Type: Unk
Method: 6010-200.7 NEW(v304) 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	**.0597093**	**.0052700**	**.1025075**	**-.002854**	**.0032353**	**189.5570**
Stddev	.0014923	.0068540	.0015092	.001529	.0036579	.4344
%RSD	2.499247	130.0563	1.472285	53.59289	113.0638	.2291891
#1	.0613589	-.002641	.1017953	-.001120	.0003951	189.2739
#2	.0593157	.009419	.1042410	-.003430	.0073628	189.3399
#3	.0584533	.009032	.1014862	-.004011	.0019479	190.0572

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.084459**	**.0100469**	**.0081177**	**2090.247**	**.3739811**	**.0982859**
Stddev	.009010	.0000575	.0000666	13.609	.0013864	.0001384
%RSD	.4322419	.5718249	.8205625	.6510723	.3707124	.1408145
#1	2.074541	.0099821	.0080494	2076.671	.3723806	.0981472
#2	2.086701	.0100917	.0081211	2103.889	.3748123	.0984240
#3	2.092137	.0100670	.0081825	2090.180	.3747504	.0982863

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1973330**	**207.0998**	**2.260337**	**113.5631**	**.2207244**	**-.010505**
Stddev	.0002601	.5461	.010417	.2882	.0003997	.000499
%RSD	.1318193	.2636732	.4608613	.2538119	.1811050	4.751013
#1	.1976139	206.4832	2.248924	113.3714	.2211448	-.009935
#2	.1972845	207.5223	2.269332	113.8946	.2206793	-.010865
#3	.1971005	207.2940	2.262755	113.4233	.2203491	-.010714

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**8.122535**	**.3243447**	**.6967998**	**21.94851**	**.4873488**	**.0142963**
Stddev	.050396	.0005707	.0004700	.21309	.0028079	.0004864
%RSD	.6204515	.1759609	.0674568	.9708614	.5761487	3.402206
#1	8.065739	.3240596	.6971577	21.74406	.4841098	.0144286
#2	8.139962	.3239728	.6962675	21.93217	.4888447	.0147028
#3	8.161906	.3250018	.6969743	22.16930	.4890920	.0137574

Reviewed By:jaswal
On:10/24/2025 6:34:14 PM
Inst Id :P4
LB :LB137613

Sample Name: Q3405-03 Acquired: 10/21/2025 19:14:10 Type: Unk
Method: 6010-200.7 NEW(v304) 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	-.001287	9.864051	3.437529	F 12.91652	F 134.8988	1.117767
Stddev	.001375	.017536	.012787	.02773	.8918	.010260
%RSD	106.8396	.1777781	.3719816	.2147179	.6611153	.9178614
#1	-.001723	9.848287	3.452144	12.91788	135.6826	1.109184
#2	.000253	9.860928	3.432037	12.88814	133.9284	1.114987
#3	-.002390	9.882939	3.428405	12.94355	135.0853	1.129130

Elem	Sr4077
Units	ppm
Avg	9.896746
Stddev	.049369
%RSD	.4988396
#1	9.848678
#2	9.947320
#3	9.894239

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5482.554	89576.74	8484.418	4178.347	4792.317
Stddev	3.847	288.39	30.760	5.334	2.280
%RSD	.0701660	.3219483	.3625524	.1276508	.0475851
#1	5486.867	89909.75	8518.353	4184.479	4791.687
#2	5481.321	89409.25	8458.366	4174.783	4794.847
#3	5479.475	89411.23	8476.535	4175.779	4790.418

Reviewed By:jaswal
On:10/24/2025 6:34:14 PM
Inst Id :P4
LB :LB137613

Sample Name: CCV07 Acquired: 10/21/2025 19:18:28 Type: Unk
Method: 6010-200.7 NEW(v304) 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	**4.768922**	**4.816534**	**4.682064**	**4.853275**	**4.900642**	**9.654312**	**9.643018**
Stddev	.003957	.108948	.009808	.008561	.006117	.314547	.281774
%RSD	.0829810	2.261950	.2094813	.1763898	.1248113	3.258095	2.922054
#1	4.771920	4.939900	4.688807	4.862816	4.902202	9.593472	9.542472
#2	4.770409	4.733517	4.686573	4.846264	4.905828	9.994834	9.961273
#3	4.764436	4.776185	4.670812	4.850746	4.893897	9.374629	9.425308

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2363415**	**2.321743**	**24.10834**	**.9445367**	**2.349583**	**1.202144**	**4.820794**
Stddev	.0066419	.001961	.77685	.0023268	.001441	.001760	.016032
%RSD	2.810302	.0844702	3.222330	.2463461	.0613233	.1464194	.3325620
#1	.2364522	2.323830	23.93563	.9466282	2.351105	1.200957	4.804681
#2	.2429274	2.321462	24.95700	.9420304	2.349403	1.204166	4.836744
#3	.2296449	2.319938	23.43237	.9449516	2.348240	1.201308	4.820959

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.405764**	**23.77690**	**2.347147**	**1.189210**	**22.68502**	**2.425884**	**2.370429**
Stddev	.072079	.76604	.000640	.000862	.16346	.074783	.001361
%RSD	2.996083	3.221792	.0272662	.0724676	.7205643	3.082728	.0574090
#1	2.382063	23.67835	2.347340	1.189883	22.49845	2.411405	2.370467
#2	2.486708	24.58745	2.347669	1.189508	22.75352	2.506848	2.369050
#3	2.348520	23.06490	2.346433	1.188239	22.80308	2.359398	2.371771

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**23.50644**	**4.756415**	**4.816477**	**4.660194**	**4.828072**	**4.785411**	**4.704815**
Stddev	.19084	.139618	.006069	.011541	.153397	.021193	.021120
%RSD	.8118449	2.935363	.1260054	.2476597	3.177195	.4428581	.4489116
#1	23.29450	4.751885	4.814203	4.673003	4.779615	4.761083	4.704007
#2	23.56013	4.898243	4.823355	4.650602	4.999846	4.795286	4.684109
#3	23.66467	4.619117	4.811874	4.656977	4.704755	4.799863	4.726327

Reviewed By:jaswal
On:10/24/2025 6:34:14 PM
Inst Id :P4
LB :LB137613

Sample Name: CCV07 Acquired: 10/21/2025 19:18:28 Type: Unk
Method: 6010-200.7 NEW(v304) 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	**4.684601**	**4.537908**	**4.830218**
Stddev	.020439	.107603	.138544
%RSD	.4362919	2.371202	2.868286
#1	4.704342	4.502157	4.764129
#2	4.663530	4.658836	4.989432
#3	4.685930	4.452731	4.737093

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**5755.883**	**96068.10**	**7584.962**	**4536.486**	**6721.893**
Stddev	7.689	36.04	218.957	15.378	7.557
%RSD	.1335904	.0375136	2.886731	.3389759	.1124244
#1	5764.762	96081.88	7587.325	4522.693	6722.181
#2	5751.361	96027.20	7364.832	4553.067	6729.302
#3	5751.527	96095.21	7802.728	4533.700	6714.196

Reviewed By:jaswal
On:10/24/2025 6:34:14 PM
Inst Id :P4
LB :LB137613

Sample Name: CCB07 Acquired: 10/21/2025 19:22:31 Type: Unk
Method: 6010-200.7 NEW(v304) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCB07 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0017257**	**.0010471**	**.0002634**	**.0004071**	**-.000005**	**.0093877**
Stddev	.0010359	.0016546	.0004396	.0021842	.000566	.0106219
%RSD	60.03140	158.0150	166.9203	536.4880	11749.35	113.1469
#1	.0014394	.0000879	.0007615	.0019913	-.000006	.0150488
#2	.0028746	.0000958	-.000070	-.002085	-.000570	-.002866
#3	.0008630	.0029576	.000099	.001315	.000562	.015980

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.005770**	**.0000201**	**-.000015**	**-.002499**	**.0001003**	**-.000148**
Stddev	.000562	.0000415	.000034	.008978	.0002441	.000113
%RSD	9.737020	206.2803	225.6300	359.2842	243.3686	76.76095
#1	-.006000	-.000007	.000024	-.011742	.0000905	-.000216
#2	-.006180	.000068	-.000034	-.001943	.0003491	-.000017
#3	-.005130	-.000000	-.000035	.006188	-.000139	-.000211

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0002280**	**.0059009**	**-.000167**	**-.004634**	**.0000442**	**-.000307**
Stddev	.0002084	.0015747	.001046	.034978	.0003334	.000262
%RSD	91.40510	26.68624	624.5679	754.8169	754.9729	85.38707
#1	.0003180	.0044372	.001000	-.008925	-.000245	-.000574
#2	-.000010	.0075671	-.001017	-.037269	.000409	-.000050
#3	.000376	.0056983	-.000485	.032292	-.000031	-.000297

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4504033**	**-.002546**	**.0001715**	**.4717077**	**-.012460**	**.0010939**
Stddev	.0163174	.002301	.0000802	.0708176	.000599	.0001416
%RSD	3.622839	90.36216	46.76284	15.01303	4.805635	12.94219
#1	.4390559	-.001231	.0002630	.4079065	-.012049	.0010808
#2	.4430508	-.001205	.0001379	.4593117	-.012183	.0012416
#3	.4691033	-.005202	.0001136	.5479050	-.013147	.0009593

Reviewed By:jaswal
On:10/24/2025 6:34:14 PM
Inst Id :P4
LB :LB137613

Sample Name: CCB07 Acquired: 10/21/2025 19:22:31 Type: Unk
Method: 6010-200.7 NEW(v304) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCB07 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.012206	.0001753	-.013283	.0008160	F .0184641	-.002257
Stddev	.000602	.0010191	.011471	.0015107	.0039252	.003462
%RSD	4.933518	581.4256	86.35231	185.1375	21.25833	153.3452
#1	-.012796	.0011356	-.008482	.0020851	.0229964	.001164
#2	-.011593	.0002839	-.004994	.0012181	.0161774	-.005758
#3	-.012228	-.000894	-.026374	-.000855	.0162185	-.002179

Elem	Sr4077
Units	ppm
Avg	.0001123
Stddev	.0000775
%RSD	69.00748
#1	.0000233
#2	.0001646
#3	.0001492

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5855.837	98671.13	7666.798	4601.508	7643.065
Stddev	7.878	557.73	38.942	9.459	19.537
%RSD	.1345293	.5652435	.5079358	.2055570	.2556151
#1	5850.043	98139.14	7658.275	4597.286	7624.940
#2	5852.661	98622.80	7632.823	4612.342	7640.495
#3	5864.807	99251.46	7709.296	4594.896	7663.759

Reviewed By:jaswal
On:10/24/2025 6:34:14 PM
Inst Id :P4
LB :LB137613

Sample Name: Q3405-04 Acquired: 10/21/2025 19:26:51 Type: Unk
Method: 6010-200.7 NEW(v304) 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	**.0187284**	**.0168319**	**.0332270**	**.0015170**	**.0073667**	**166.2583**
Stddev	.0011211	.0060443	.0013541	.0058518	.0005421	1.1116
%RSD	5.986106	35.90989	4.075252	385.7467	7.358434	.6686250
#1	.0188982	.0118294	.0321051	.0068507	.0069466	167.4780
#2	.0175321	.0151183	.0347311	-.004742	.0079786	165.3021
#3	.0197549	.0235480	.0328447	.002443	.0071750	165.9947

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.336014**	**.0119192**	**.0018990**	**1346.810**	**.1493764**	**.0418296**
Stddev	.014701	.0000504	.0000887	10.399	.0005274	.0002812
%RSD	1.100401	.4224821	4.671873	.7721408	.3530459	.6722501
#1	1.352980	.0119394	.0018349	1334.830	.1499714	.0415363
#2	1.327024	.0118619	.0018619	1353.515	.1489666	.0420969
#3	1.328038	.0119563	.0020003	1352.085	.1491912	.0418557

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0653605**	**63.86354**	**5.502944**	**76.52618**	**.0658656**	**-.001088**
Stddev	.0004567	.27159	.061401	.55266	.0010008	.000312
%RSD	.6987281	.4252610	1.115787	.7221903	1.519485	28.71879
#1	.0648338	64.07765	5.573834	77.16403	.0651435	-.001433
#2	.0656471	63.95493	5.468516	76.19011	.0670080	-.000825
#3	.0656005	63.55805	5.466481	76.22439	.0654452	-.001004

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.396352**	**.1304905**	**1.387445**	**9.552684**	**.2736615**	**.0044673**
Stddev	.022262	.0030879	.002978	.023544	.0020086	.0003664
%RSD	.5063781	2.366341	.2146318	.2464646	.7339635	8.202504
#1	4.421602	.1340237	1.390395	9.565351	.2759772	.0042210
#2	4.387901	.1291392	1.387499	9.525519	.2723907	.0042925
#3	4.379553	.1283087	1.384440	9.567183	.2726168	.0048884

Sample Name: Q3405-04 Acquired: 10/21/2025 19:26:51 Type: Unk
Method: 6010-200.7 NEW(v304) 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	-.011932	7.425053	1.795362	4.818647	F 76.77666	.6400825
Stddev	.002164	.066988	.014836	.030942	.66154	.0056725
%RSD	18.13812	.9021850	.8263510	.6421302	.8616406	.8862190
#1	-.014196	7.502346	1.792870	4.794877	76.03821	.6365882
#2	-.009883	7.383837	1.781930	4.807433	76.97661	.6370318
#3	-.011718	7.388975	1.811287	4.853633	77.31515	.6466276

Elem	Sr4077
Units	ppm
Avg	6.333332
Stddev	.137299
%RSD	2.167878
#1	6.467135
#2	6.340077
#3	6.192786

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5987.761	97496.70	8685.779	4693.701	5291.095
Stddev	18.484	93.47	76.803	19.281	15.673
%RSD	.3086942	.0958684	.8842399	.4107825	.2962169
#1	5991.712	97441.75	8597.978	4671.846	5300.020
#2	6003.950	97443.73	8740.492	4708.308	5300.267
#3	5967.621	97604.62	8718.868	4700.948	5272.997

Reviewed By:jaswal
On:10/24/2025 6:34:14 PM
Inst Id :P4
LB :LB137613

Sample Name: Q3409-01 Acquired: 10/21/2025 19:31:09 Type: Unk
Method: 6010-200.7 NEW(v304) 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	**.0405312**	**.0020422**	**.0357944**	**-.005673**	**-.005698**	**152.4574**
Stddev	.0030812	.0032233	.0023901	.002201	.001519	.5770
%RSD	7.602163	157.8374	6.677253	38.79678	26.65475	.3784889
#1	.0375037	-.000068	.0382195	-.003164	-.004036	152.7667
#2	.0404263	.005753	.0357228	-.007278	-.007013	151.7917
#3	.0436635	.000442	.0334410	-.006578	-.006045	152.8139

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4155449**	**.0063700**	**.0032406**	**920.8918**	**.1659519**	**.1097944**
Stddev	.0034024	.0000207	.0002366	5.5697	.0011762	.0010830
%RSD	.8187745	.3253836	7.302095	.6048199	.7087334	.9863974
#1	.4168153	.0063800	.0030922	926.8144	.1665104	.1089452
#2	.4116901	.0063461	.0035135	915.7593	.1646005	.1110140
#3	.4181293	.0063837	.0031161	920.1016	.1667447	.1094239

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.9980782**	**195.1918**	**1.226598**	**70.26426**	**.2187485**	**-.010751**
Stddev	.0084781	.6375	.007233	.37208	.0027752	.000556
%RSD	.8494380	.3265844	.5896940	.5295438	1.268668	5.174330
#1	.9888712	194.9656	1.230258	70.62845	.2156567	-.010947
#2	1.005563	194.6983	1.218266	69.88477	.2210239	-.011183
#3	.999800	195.9115	1.231270	70.27956	.2195650	-.010123

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**12.86736**	**.9658028**	**.3041992**	**9.766054**	**.2278621**	**.0074477**
Stddev	.05568	.0067259	.0003148	.043067	.0016764	.0003002
%RSD	.4326869	.6964008	.1034871	.4409893	.7357117	4.031210
#1	12.81463	.9713199	.3045392	9.717761	.2290987	.0077631
#2	12.86189	.9583105	.3039179	9.779923	.2285335	.0074144
#3	12.92557	.9677778	.3041405	9.800478	.2259540	.0071655

Sample Name: Q3409-01 Acquired: 10/21/2025 19:31:09 Type: Unk
Method: 6010-200.7 NEW(v304) 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	-.002184	6.301226	7.500798	6.363186	F 34.78392	.4279643
Stddev	.001293	.029826	.018983	.074731	.22643	.0019590
%RSD	59.20291	.4733295	.2530862	1.174422	.6509636	.4577375
#1	-.002603	6.326592	7.519859	6.287721	34.54804	.4276932
#2	-.000733	6.268369	7.500642	6.437160	34.99954	.4261551
#3	-.003215	6.308717	7.481893	6.364678	34.80419	.4300448

Elem	Sr4077
Units	ppm
Avg	1.024842
Stddev	.003377
%RSD	.3295248
#1	1.024989
#2	1.021393
#3	1.028143

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5636.023	92238.94	8016.116	4330.942	5526.012
Stddev	29.210	312.12	46.261	8.730	41.316
%RSD	.5182779	.3383860	.5770988	.2015654	.7476581
#1	5669.237	92095.50	7984.125	4336.666	5570.215
#2	5614.330	92597.00	8069.159	4320.895	5488.369
#3	5624.503	92024.32	7995.066	4335.266	5519.451

Reviewed By:jaswal
On:10/24/2025 6:34:14 PM
Inst Id :P4
LB :LB137613

Sample Name: Q3409-02 Acquired: 10/21/2025 19:35:20 Type: Unk
Method: 6010-200.7 NEW(v304) 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	**.0976558**	**.0123194**	**.0315339**	**-.003343**	**-.000583**	**193.0091**
Stddev	.0019661	.0057088	.0028198	.002963	.002086	1.0229
%RSD	2.013269	46.33937	8.941980	88.63580	357.9626	.5299668
#1	.0997980	.0058079	.0307376	-.004009	.001684	193.0862
#2	.0972359	.0146863	.0346661	-.000104	-.001010	193.9913
#3	.0959337	.0164640	.0291979	-.005917	-.002422	191.9499

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.8880302**	**.0104682**	**.0066681**	**1599.109**	**.3588766**	**.1410841**
Stddev	.0059268	.0001419	.0000499	14.722	.0016918	.0003647
%RSD	.6674069	1.355369	.7479227	.9206624	.4714104	.2584838
#1	.8875882	.0104009	.0067239	1599.840	.3572299	.1414941
#2	.8941656	.0103725	.0066278	1584.035	.3587898	.1407957
#3	.8823368	.0106312	.0066527	1613.452	.3606101	.1409627

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1418666**	**179.9281**	**4.155378**	**159.9643**	**.3651814**	**-.008152**
Stddev	.0010059	1.3707	.025358	.8178	.0012087	.000410
%RSD	.7090520	.7618195	.6102496	.5112416	.3309837	5.028494
#1	.1430136	179.2931	4.136604	159.8721	.3646445	-.008531
#2	.1411346	181.5011	4.184225	160.8243	.3665655	-.007717
#3	.1414516	178.9900	4.145306	159.1965	.3643342	-.008209

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**3.920762**	**.4603259**	**.5593008**	**63.42651**	**.2835056**	**.0108979**
Stddev	.026713	.0026239	.0006566	.39090	.0051169	.0003857
%RSD	.6813219	.5700151	.1173949	.6163047	1.804860	3.539602
#1	3.890387	.4592481	.5585686	63.25106	.2825716	.0113405
#2	3.940597	.4633172	.5594965	63.87440	.2890252	.0107202
#3	3.931303	.4584126	.5598372	63.15408	.2789201	.0106331

Reviewed By:jaswal
On:10/24/2025 6:34:14 PM
Inst Id :P4
LB :LB137613

Sample Name: Q3409-02 Acquired: 10/21/2025 19:35:20 Type: Unk
Method: 6010-200.7 NEW(v304) 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	.0052389	F 10.65182	3.693463	6.015563	F 63.38024	1.040531
Stddev	.0012867	.05363	.035854	.034537	.36849	.017156
%RSD	24.56078	.5035081	.9707427	.5741277	.5813938	1.648794
#1	.0063402	10.63932	3.704656	6.041261	63.57682	1.047641
#2	.0038245	10.71060	3.722385	6.029125	63.60875	1.052989
#3	.0055520	10.60555	3.653348	5.976304	62.95515	1.020963

Elem	Sr4077
Units	ppm
Avg	2.386094
Stddev	.003946
%RSD	.1653634
#1	2.382189
#2	2.386015
#3	2.390079

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6046.426	98511.14	9132.439	4673.951	4981.706
Stddev	4.061	268.71	9.044	18.473	6.302
%RSD	.0671717	.2727722	.0990297	.3952224	.1265088
#1	6042.215	98645.61	9140.875	4694.101	4978.627
#2	6046.743	98201.74	9122.890	4657.817	4977.535
#3	6050.320	98686.07	9133.552	4669.935	4988.956

Sample Name: Q3412-01 Acquired: 10/21/2025 19:39:40 Type: Unk
Method: 6010-200.7 NEW(v304) 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	**.0989420**	**-.010797**	**2.177387**	**.0023862**	**.0044897**	**163.9083**
Stddev	.0015856	.003032	.004090	.0020847	.0009339	3.1385
%RSD	1.602518	28.08414	.1878562	87.36644	20.80107	1.914777
#1	.0979488	-.012422	2.181971	-.000019	.0040317	167.5320
#2	.1007706	-.007299	2.174108	.003671	.0055642	162.1395
#3	.0981067	-.012671	2.176084	.003507	.0038732	162.0534

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.142195**	**.0153115**	**.0111893**	**37.29079**	**.2171751**	**.2005190**
Stddev	.030200	.0003761	.0003483	.77412	.0009002	.0004977
%RSD	2.644064	2.455967	3.113097	2.075895	.4144990	.2482164
#1	1.177004	.0157422	.0113265	38.18294	.2161440	.2003432
#2	1.122982	.0151442	.0114481	36.79665	.2178048	.2010807
#3	1.126597	.0150482	.0107932	36.89279	.2175764	.2001330

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.6657266**	**407.0514**	**8.179513**	**78.02333**	**.4267695**	**-.018256**
Stddev	.0004221	1.4852	.192878	1.43651	.0002076	.000726
%RSD	.0633977	.3648703	2.358067	1.841133	.0486547	3.977264
#1	.6660862	407.9658	8.399423	79.67060	.4269832	-.018958
#2	.6652619	405.3377	8.039033	77.03104	.4267567	-.018300
#3	.6658318	407.8506	8.100084	77.36835	.4265685	-.017508

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**12.67044**	**.4050939**	**1.056319**	**26.04403**	**.3448118**	**.0066656**
Stddev	.05967	.0053578	.001885	.05715	.0063177	.0002183
%RSD	.4709169	1.322613	.1784062	.2194382	1.832210	3.275587
#1	12.73846	.4106219	1.058483	26.10899	.3375282	.0064170
#2	12.64596	.4047355	1.055043	26.02160	.3480997	.0068263
#3	12.62691	.3999242	1.055430	26.00150	.3488074	.0067534

Sample Name: Q3412-01 Acquired: 10/21/2025 19:39:40 Type: Unk
Method: 6010-200.7 NEW(v304) 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	1.233602	5.264125	F 10.88037	F 10.94827	1.040580	.3788444
Stddev	.004030	.120676	.08865	.03471	.004587	.0076940
%RSD	.3267197	2.292423	.8147568	.3170509	.4407874	2.030923
#1	1.237360	5.403464	10.95017	10.98077	1.045110	.3875805
#2	1.234100	5.193350	10.78063	10.95233	1.040693	.3758759
#3	1.229346	5.195561	10.91031	10.91170	1.035939	.3730768

Elem	Sr4077
Units	ppm
Avg	-.081796
Stddev	.006556
%RSD	8.014838
#1	-.074278
#2	-.084791
#3	-.086320

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6876.220	115521.9	9744.895	5385.934	6129.200
Stddev	2.883	375.4	167.656	19.071	4.578
%RSD	.0419342	.3249916	1.720451	.3540925	.0746870
#1	6879.516	115944.1	9551.435	5378.172	6127.500
#2	6874.982	115225.6	9847.834	5371.967	6125.716
#3	6874.162	115396.1	9835.415	5407.662	6134.385

Sample Name: Q3412-01DUP Acquired: 10/21/2025 19:43:41 Type: Unk
Method: 6010-200.7 NEW(v304) 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	**.0989700**	**-.009375**	**2.039522**	**.0015758**	**.0014408**	**161.1658**
Stddev	.0030936	.001933	.040185	.0045081	.0038530	.2400
%RSD	3.125827	20.61824	1.970301	286.0881	267.4277	.1488928
#1	.0997988	-.008430	2.074858	.0049585	.0053063	161.4225
#2	.1015648	-.011598	2.047898	-.003542	.0014156	161.1279
#3	.0955464	-.008096	1.995809	.003311	-.002400	160.9471

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.148763**	**.0154291**	**.0087939**	**36.94643**	**.2142128**	**.1956965**
Stddev	.002600	.0001883	.0005012	.07826	.0004146	.0018402
%RSD	.2263675	1.220567	5.699670	.2118221	.1935230	.9403545
#1	1.151757	.0156153	.0092074	37.03615	.2144406	.1974119
#2	1.147065	.0152388	.0089377	36.89222	.2137342	.1959250
#3	1.147468	.0154332	.0082364	36.91091	.2144634	.1937527

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.6416955**	**408.2012**	**8.207636**	**76.96027**	**.4138675**	**-.016698**
Stddev	.0057078	.2152	.019474	.11584	.0039925	.000610
%RSD	.8894816	.0527108	.2372612	.1505154	.9646778	3.654093
#1	.6472954	408.4371	8.229601	77.05199	.4179246	-.016767
#2	.6419055	408.1508	8.200820	76.83010	.4137350	-.016056
#3	.6358856	408.0156	8.192486	76.99873	.4099429	-.017271

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**12.73753**	**.3970474**	**1.043612**	**26.14607**	**.3413052**	**.0066059**
Stddev	.02411	.0007363	.002473	.09075	.0097438	.0001712
%RSD	.1892875	.1854530	.2369862	.3470718	2.854869	2.591462
#1	12.76465	.3976172	1.044799	26.24734	.3406955	.0064984
#2	12.71851	.3973088	1.045268	26.07213	.3318805	.0065160
#3	12.72944	.3962160	1.040769	26.11875	.3513395	.0068033

Sample Name: Q3412-01DUP Acquired: 10/21/2025 19:43:41 Type: Unk
Method: 6010-200.7 NEW(v304) 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	1.086479	5.250216	F 10.93175	F 10.73611	.9222091	.3803757
Stddev	.045002	.016093	.18090	.14014	.0102614	.0049702
%RSD	4.142006	.3065116	1.654801	1.305283	1.112697	1.306658
#1	1.131723	5.267299	11.05998	10.84781	.9288290	.3793101
#2	1.085992	5.248007	11.01043	10.78165	.9274096	.3760247
#3	1.041723	5.235342	10.72483	10.57887	.9103886	.3857923

Elem	Sr4077
Units	ppm
Avg	-.083430
Stddev	.000697
%RSD	.8349233
#1	-.082633
#2	-.083927
#3	-.083728

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6872.118	114183.9	9680.564	5409.028	6157.823
Stddev	2.416	256.4	37.469	15.100	17.480
%RSD	.0351516	.2245166	.3870502	.2791552	.2838667
#1	6872.326	113943.2	9637.557	5416.748	6138.355
#2	6874.424	114453.5	9706.149	5418.706	6162.945
#3	6869.606	114155.0	9697.988	5391.629	6172.170

Sample Name: Q3412-01LX5 Acquired: 10/21/2025 19:47:41 Type: Unk
Method: 6010-200.7 NEW(v304) 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	**.0229762**	**-.002066**	**.4541501**	**-.000453**	**.0008331**	**39.68018**	**.2729000**
Stddev	.0009526	.003547	.0006358	.004045	.0001830	.38588	.0032469
%RSD	4.145932	171.7201	.1399896	892.2295	21.96295	.9724672	1.189792
#1	.0222983	-.003585	.4535850	.003363	.0008265	39.42519	.2705570
#2	.0240653	.001988	.4548385	-.000029	.0006535	40.12412	.2766063
#3	.0225650	-.004601	.4540268	-.004694	.0010192	39.49124	.2715366

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0039127**	**.0006440**	**9.325538**	**.0551945**	**.0398534**	**.1766739**	**98.36952**
Stddev	.0000594	.0000686	.110951	.0001672	.0001365	.0006721	.30500
%RSD	1.517633	10.65511	1.189754	.3028862	.3424217	.3804321	.3100556
#1	.0039529	.0007212	9.251203	.0551502	.0400109	.1774343	98.29625
#2	.0039408	.0006207	9.453071	.0553793	.0397705	.1764278	98.70448
#3	.0038445	.0005900	9.272341	.0550539	.0397787	.1761594	98.10782

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.046433**	**19.28782**	**.0871135**	**-.005110**	**3.128916**	**.0992004**	**.2619565**
Stddev	.022527	.14676	.0001016	.000247	.016041	.0023967	.0002923
%RSD	1.100783	.7609002	.1165992	4.826229	.5126789	2.415973	.1115835
#1	2.040334	19.17801	.0871274	-.005182	3.116856	.0964513	.2620654
#2	2.071381	19.45451	.0870058	-.005312	3.147122	.1002994	.2621787
#3	2.027584	19.23094	.0872075	-.004835	3.122772	.1008505	.2616254

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**6.173925**	**.0594455**	**.0016833**	**.2358041**	**1.308478**	**3.163273**	**2.186573**
Stddev	.028566	.0025753	.0002370	.0007129	.015312	.029094	.014139
%RSD	.4626864	4.332211	14.07676	.3023137	1.170205	.9197321	.6466420
#1	6.176796	.0617066	.0014124	.2365467	1.300432	3.133059	2.197853
#2	6.200946	.0566423	.0018519	.2357404	1.326135	3.191099	2.191155
#3	6.144032	.0599875	.0017857	.2351252	1.298866	3.165661	2.170711

Reviewed By:jaswal
On:10/24/2025 6:34:14 PM
Inst Id :P4
LB :LB137613

Sample Name: Q3412-01LX5 Acquired: 10/21/2025 19:47:41 Type: Unk
Method: 6010-200.7 NEW(v304) 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	.2077889	.0850326	-.018961		
Stddev	.0036943	.0012797	.000564		
%RSD	1.777905	1.504909	2.976972		
#1	.2113482	.0862071	-.019322		
#2	.2039730	.0852218	-.018310		
#3	.2080455	.0836688	-.019250		

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6009.890	99311.15	8001.283	4686.132	6849.238
Stddev	3.911	246.29	81.574	3.276	8.802
%RSD	.0650770	.2480003	1.019510	.0699182	.1285070
#1	6014.024	99412.85	8042.697	4689.675	6853.799
#2	6006.249	99030.29	7907.310	4685.511	6839.092
#3	6009.396	99490.30	8053.843	4683.211	6854.823

Sample Name: Q3412-01MS Acquired: 10/21/2025 19:51:45 Type: Unk
Method: 6010-200.7 NEW(v304) 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	**.5823032**	**1.444427**	**1.394305**	**1.253883**	**.2371301**	**141.4964**
Stddev	.0040542	.011527	.002497	.007395	.0031526	.0407
%RSD	.6962302	.7980510	.1790832	.5897597	1.329468	.0287586
#1	.5846512	1.431352	1.395395	1.254471	.2374806	141.4775
#2	.5776218	1.448803	1.396072	1.246211	.2338169	141.4687
#3	.5846366	1.453125	1.391449	1.260966	.2400927	141.5431

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.120307**	**.1440527**	**.1643551**	**38.68115**	**.4552804**	**.3155589**
Stddev	.001917	.0004094	.0001624	.13921	.0028094	.0006783
%RSD	.1711494	.2841944	.0988285	.3598979	.6170627	.2149517
#1	1.122389	.1445081	.1641881	38.84190	.4583048	.3154178
#2	1.119920	.1437152	.1645125	38.60189	.4547843	.3162967
#3	1.118613	.1439348	.1643647	38.59967	.4527522	.3149623

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.6977406**	**282.8600**	**7.200216**	**63.58198**	**.7144226**	**.0364629**
Stddev	.0012614	2.0119	.026758	.06191	.0014913	.0001443
%RSD	.1807889	.7112712	.3716254	.0973678	.2087401	.3958180
#1	.6963221	285.0552	7.224019	63.58871	.7139953	.0366022
#2	.6981633	282.4205	7.171254	63.64024	.7160809	.0364724
#3	.6987364	281.1041	7.205375	63.51698	.7131916	.0363141

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**11.30442**	**.5158988**	**.9831168**	**29.35097**	**.3972884**	**.2610602**
Stddev	.09602	.0034388	.0078116	.16967	.0026157	.0000973
%RSD	.8493633	.6665658	.7945783	.5780698	.6583936	.0372816
#1	11.41394	.5120045	.9920340	29.52793	.3988581	.2611628
#2	11.26460	.5185176	.9774817	29.33529	.3987382	.2610488
#3	11.23472	.5171743	.9798348	29.18968	.3942688	.2609691

Reviewed By:jaswal
On:10/24/2025 6:34:14 PM
Inst Id :P4
LB :LB137613

Sample Name: Q3412-01MS Acquired: 10/21/2025 19:51:45 Type: Unk
Method: 6010-200.7 NEW(v304) 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	.5615520	4.367875	F 11.40717	F 12.75553	.8592094	.4242318
Stddev	.0009239	.007808	.09109	.01981	.0039200	.0020047
%RSD	.1645332	.1787594	.7985493	.1552705	.4562379	.4725573
#1	.5617192	4.361729	11.51235	12.74425	.8559845	.4227728
#2	.5623809	4.365234	11.35601	12.74394	.8580711	.4265177
#3	.5605559	4.376660	11.35317	12.77840	.8635726	.4234047

Elem	Sr4077
Units	ppm
Avg	.1425748
Stddev	.0015274
%RSD	1.071280
#1	.1416036
#2	.1417854
#3	.1443353

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6668.237	110857.0	9283.168	5152.166	6255.567
Stddev	13.492	718.8	15.718	23.511	16.186
%RSD	.2023371	.6483912	.1693211	.4563418	.2587508
#1	6675.614	110119.0	9265.920	5127.557	6263.249
#2	6652.665	110897.0	9286.900	5174.400	6236.970
#3	6676.433	111554.9	9296.685	5154.540	6266.481

Sample Name: Q3412-01MSD Acquired: 10/21/2025 19:55:42 Type: Unk
Method: 6010-200.7 NEW(v304) 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	**.6227230**	**1.553529**	**1.608936**	**1.335050**	**.2647888**	**151.3552**
Stddev	.0028434	.008453	.009773	.011781	.0032245	.2606
%RSD	.4566133	.5441352	.6074010	.8824053	1.217759	.1721679
#1	.6194480	1.544609	1.598222	1.321555	.2612163	151.6056
#2	.6245629	1.561421	1.617361	1.340317	.2656669	151.3744
#3	.6241581	1.554558	1.611224	1.343278	.2674833	151.0855

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.248592**	**.1509165**	**.1806509**	**56.33178**	**.4844812**	**.3451668**
Stddev	.006308	.0009516	.0009723	.08838	.0026253	.0023129
%RSD	.5051886	.6305470	.5381947	.1568938	.5418715	.6700875
#1	1.252178	.1515050	.1795354	56.41180	.4814532	.3424961
#2	1.252290	.1514258	.1810989	56.34661	.4861193	.3464955
#3	1.241309	.1498186	.1813184	56.23692	.4858712	.3465088

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.7898153**	**307.9125**	**8.071130**	**66.81406**	**.7736004**	**.0395167**
Stddev	.0034842	1.6955	.046641	.09318	.0036879	.0001666
%RSD	.4411452	.5506396	.5778714	.1394658	.4767195	.4216054
#1	.7860053	305.9721	8.108452	66.91782	.7693605	.0393284
#2	.7928395	309.1081	8.086095	66.73751	.7760640	.0395770
#3	.7906012	308.6573	8.018844	66.78685	.7753767	.0396448

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**12.54417**	**.5583557**	**1.044341**	**31.03577**	**.4452493**	**.2829326**
Stddev	.06667	.0049245	.004680	.22748	.0062265	.0005944
%RSD	.5314843	.8819550	.4481671	.7329673	1.398438	.2100789
#1	12.48834	.5634987	1.040823	30.78147	.4394114	.2822565
#2	12.61799	.5536836	1.049653	31.21989	.4445337	.2831688
#3	12.52618	.5578849	1.042547	31.10594	.4518027	.2833727

Reviewed By:jaswal
On:10/24/2025 6:34:14 PM
Inst Id :P4
LB :LB137613

Sample Name: Q3412-01MSD Acquired: 10/21/2025 19:55:42 Type: Unk
Method: 6010-200.7 NEW(v304) 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	.6275428	4.821190	F 16.18282	F 14.65486	1.022671	.4650794
Stddev	.0050801	.021719	.20500	.13340	.009134	.0054826
%RSD	.8095274	.4504842	1.266782	.9103067	.8931809	1.178846
#1	.6216987	4.835699	15.95977	14.50163	1.014114	.4672735
#2	.6309035	4.831651	16.36299	14.74511	1.021609	.4691252
#3	.6300263	4.796221	16.22568	14.71785	1.032290	.4588396

Elem	Sr4077
Units	ppm
Avg	.2328000
Stddev	.0034556
%RSD	1.484361
#1	.2367256
#2	.2314563
#3	.2302181

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6787.802	112172.6	9624.391	5140.744	6154.831
Stddev	16.143	685.1	40.221	29.599	20.177
%RSD	.2378186	.6107749	.4179040	.5757645	.3278177
#1	6805.981	112959.8	9595.992	5160.090	6178.118
#2	6775.143	111711.0	9606.765	5106.671	6142.553
#3	6782.284	111846.9	9670.415	5155.473	6143.823

Reviewed By:jaswal
On:10/24/2025 6:34:14 PM
Inst Id :P4
LB :LB137613

Sample Name: Q3412-01A Acquired: 10/21/2025 19:59:39 Type: Unk
Method: 6010-200.7 NEW(v304) 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	**.7028636**	**1.584354**	**3.098737**	**1.486233**	**.6208834**	**168.4437**
Stddev	.0048679	.042537	.005004	.005395	.0014551	.6795
%RSD	.6925739	2.684793	.1614952	.3629781	.2343578	.4034058
#1	.7079732	1.619530	3.098503	1.492344	.6217512	169.2167
#2	.7023372	1.596455	3.103854	1.484224	.6216955	167.9409
#3	.6982803	1.537078	3.093853	1.482131	.6192035	168.1735

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.318234**	**.1632867**	**.1975591**	**38.37151**	**.5144009**	**.3927218**
Stddev	.012094	.0011043	.0004628	.18695	.0021089	.0004305
%RSD	.9174068	.6762626	.2342437	.4872089	.4099808	.1096257
#1	1.332025	.1645236	.1979779	38.58691	.5124806	.3926206
#2	1.309439	.1624002	.1976371	38.25147	.5140642	.3931939
#3	1.313238	.1629362	.1970623	38.27614	.5166580	.3923509

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.8850083**	**416.4095**	**8.476890**	**80.74223**	**.9002396**	**.0399070**
Stddev	.0028312	.7115	.088235	.54234	.0017841	.0009651
%RSD	.3199039	.1708647	1.040895	.6716945	.1981825	2.418295
#1	.8860450	417.1993	8.578497	81.36839	.9020813	.0389304
#2	.8871750	415.8188	8.419571	80.42004	.9001183	.0408602
#3	.8818049	416.2104	8.432601	80.43828	.8985193	.0399303

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**15.47342**	**.6421356**	**1.220457**	**34.60950**	**.5388350**	**.3097112**
Stddev	.02100	.0050347	.003758	.06497	.0069004	.0009428
%RSD	.1357402	.7840492	.3078847	.1877125	1.280614	.3044187
#1	15.48464	.6479000	1.216229	34.55099	.5458748	.3103717
#2	15.48644	.6386004	1.221728	34.67941	.5320830	.3101304
#3	15.44919	.6399062	1.223414	34.59811	.5385472	.3086315

Sample Name: Q3412-01A Acquired: 10/21/2025 19:59:39 Type: Unk
Method: 6010-200.7 NEW(v304) 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	1.892744	5.571525	F 13.74538	F 16.23449	.9585359	.5396008
Stddev	.006145	.033196	.09006	.01016	.0054254	.0084069
%RSD	.3246591	.5958118	.6552346	.0625982	.5660046	1.557990
#1	1.899297	5.608412	13.76914	16.23666	.9646478	.5463505
#2	1.891823	5.544057	13.82119	16.22341	.9566711	.5301838
#3	1.887111	5.562104	13.64582	16.24339	.9542889	.5422682

Elem	Sr4077
Units	ppm
Avg	.0675187
Stddev	.0026686
%RSD	3.952383
#1	.0705946
#2	.0658199
#3	.0661417

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6780.494	113160.1	9556.127	5254.034	6024.407
Stddev	12.522	391.6	58.031	5.501	4.928
%RSD	.1846736	.3460317	.6072657	.1047032	.0817966
#1	6781.444	113564.7	9491.028	5248.457	6019.123
#2	6767.524	113132.6	9602.430	5259.456	6025.222
#3	6792.514	112783.0	9574.923	5254.188	6028.878

Reviewed By:jaswal
On:10/24/2025 6:34:14 PM
Inst Id :P4
LB :LB137613

Sample Name: CCV08 Acquired: 10/21/2025 20:03:35 Type: Unk
Method: 6010-200.7 NEW(v304) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCV08 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.854437**	**5.054986**	**4.726700**	**4.974182**	**4.998996**	**9.516841**	**9.606084**
Stddev	.010069	.091936	.004820	.011098	.012814	.013602	.061278
%RSD	.2074167	1.818728	.1019738	.2231036	.2563412	.1429237	.6379094
#1	4.864673	5.144980	4.725937	4.985245	5.013792	9.501275	9.581565
#2	4.844544	5.058753	4.722307	4.963050	4.991483	9.522813	9.560863
#3	4.854095	4.961223	4.731856	4.974251	4.991712	9.526436	9.675826

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2342399**	**2.325151**	**23.70575**	**.9145844**	**2.357903**	**1.207074**	**4.830467**
Stddev	.0059789	.003211	.07763	.0321508	.002244	.002147	.094087
%RSD	2.552476	.1380843	.3274833	3.515341	.0951837	.1778751	1.947782
#1	.2372187	2.325700	23.62558	.9365586	2.357848	1.209361	4.832913
#2	.2273568	2.321701	23.71110	.8776835	2.355687	1.205101	4.735180
#3	.2381443	2.328052	23.78057	.9295110	2.360175	1.206759	4.923307

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.407964**	**23.57627**	**2.354030**	**1.186064**	**23.26401**	**2.400230**	**2.340025**
Stddev	.009365	.05895	.003595	.052994	.51712	.015000	.111798
%RSD	.3889068	.2500434	.1527263	4.468021	2.222820	.6249435	4.777632
#1	2.400132	23.52652	2.354483	1.212577	23.33056	2.395513	2.401487
#2	2.405424	23.56092	2.350230	1.125047	22.71684	2.388155	2.210981
#3	2.418337	23.64138	2.357377	1.220568	23.74463	2.417021	2.407608

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**23.13775**	**4.770534**	**4.814846**	**4.700257**	**4.805881**	**4.869168**	**4.827545**
Stddev	.47286	.150394	.012978	.004421	.020880	.065455	.004988
%RSD	2.043673	3.152569	.2695367	.0940541	.4344648	1.344283	.1033278
#1	23.32839	4.839977	4.829610	4.702086	4.793530	4.894781	4.821785
#2	22.59933	4.597965	4.805240	4.695216	4.794124	4.794779	4.830421
#3	23.48553	4.873658	4.809689	4.703470	4.829988	4.917943	4.830429

Reviewed By:jaswal
On:10/24/2025 6:34:14 PM
Inst Id :P4
LB :LB137613

Sample Name: CCV08 Acquired: 10/21/2025 20:03:35 Type: Unk
Method: 6010-200.7 NEW(v304) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCV08 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	**4.824477**	**4.722815**	**4.752408**
Stddev	.008276	.059595	.011858
%RSD	.1715356	1.261861	.2495075
#1	4.833830	4.693298	4.739372
#2	4.818105	4.683739	4.762553
#3	4.821497	4.791408	4.755298

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**5666.604**	**96020.88**	**7643.946**	**4535.219**	**6612.085**
Stddev	7.764	1572.61	12.144	102.450	4.088
%RSD	.1370190	1.637779	.1588674	2.258996	.0618187
#1	5657.797	94968.03	7642.490	4468.239	6615.205
#2	5672.461	97828.61	7632.597	4653.156	6613.592
#3	5669.553	95266.01	7656.753	4484.261	6607.458

Sample Name: CCB08 Acquired: 10/21/2025 20:07:38 Type: Unk
Method: 6010-200.7 NEW(v304) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCB08 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0001162**	**.0006281**	**-.000125**	**.0017777**	**-.000469**	**-.000865**
Stddev	.0018251	.0016744	.000876	.0013349	.000278	.005225
%RSD	1570.997	266.5919	702.4368	75.09086	59.15156	604.3850
#1	.0011154	.0007282	-.000122	.0002481	-.000751	-.005944
#2	-.001990	-.001094	.000750	.0023773	-.000195	-.001145
#3	.001223	.002250	-.001002	.0027076	-.000463	.004495

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.007531**	**-.000032**	**-.000044**	**.0063733**	**-.000020**	**-.000141**
Stddev	.000891	.000011	.000064	.0041387	.000069	.000114
%RSD	11.83217	35.99592	145.8034	64.93853	348.4079	80.76419
#1	-.008468	-.000024	-.000074	.0031388	-.000069	-.000182
#2	-.007430	-.000045	-.000087	.0110373	.000059	-.000012
#3	-.006695	-.000026	.000030	.0049438	-.000049	-.000230

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0001937**	**.0063457**	**.0000825**	**-.005541**	**-.000252**	**.0000300**
Stddev	.0000960	.0070417	.0003009	.013699	.000194	.0001440
%RSD	49.57796	110.9672	364.8760	247.2344	77.12807	479.3103
#1	.0001884	.0098543	.0000737	-.009112	-.000476	.0000456
#2	.0001004	.0109439	.0003876	-.017101	-.000148	-.000121
#3	.0002922	-.001761	-.000214	.009590	-.000132	.000166

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1574838**	**-.001450**	**-.000091**	**.1290764**	**-.016235**	**.0004694**
Stddev	.0108221	.002465	.000241	.0091751	.000416	.0001155
%RSD	6.871868	169.9758	265.1425	7.108260	2.562350	24.59732
#1	.1646916	.001013	-.000321	.1240929	-.016671	.0003361
#2	.1450394	-.001447	.000159	.1396648	-.015843	.0005348
#3	.1627202	-.003917	-.000110	.1234715	-.016191	.0005372

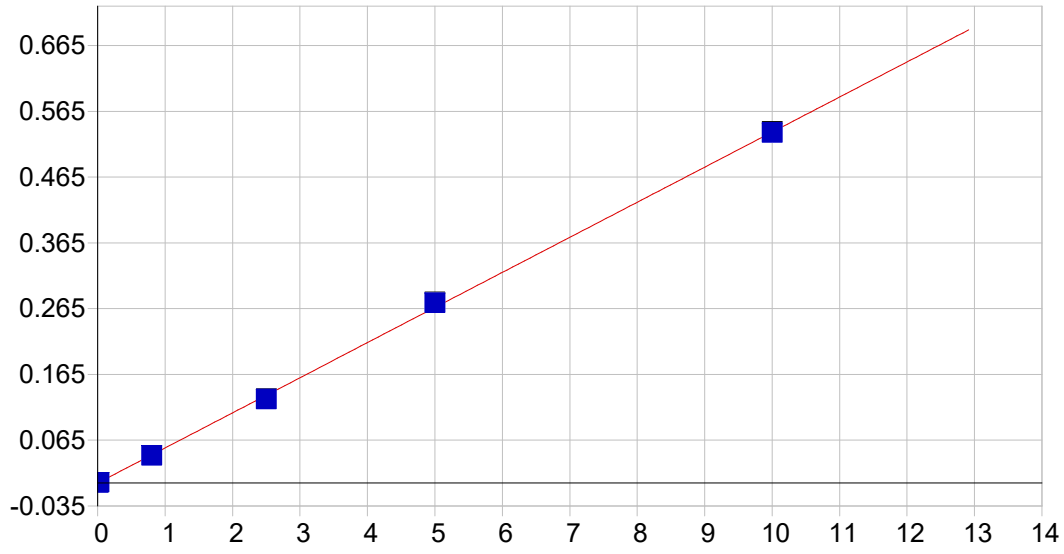
Reviewed By:jaswal
On:10/24/2025 6:34:14 PM
Inst Id :P4
LB :LB137613

Sample Name: CCB08 Acquired: 10/21/2025 20:07:38 Type: Unk
Method: 6010-200.7 NEW(v304) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCB08 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.016558**	**-.000295**	**-.013554**	**.0018715**	F **.0120510**	F **-.010281**
Stddev	.000705	.002133	.005507	.0012768	.0006007	.000513
%RSD	4.259570	722.9025	40.62899	68.22305	4.984286	4.985999
#1	-.016109	.001032	-.019879	.0006636	.0119762	-.009702
#2	-.016193	.000839	-.009818	.0017434	.0114913	-.010677
#3	-.017371	-.002756	-.010966	.0032075	.0126856	-.010463

Elem	Sr4077
Units	ppm
Avg	**.0000897**
Stddev	.0000521
%RSD	58.02516
#1	.0000840
#2	.0001444
#3	.0000408

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**5695.234**	**97048.49**	**7676.319**	**4546.676**	**7485.464**
Stddev	12.626	194.76	53.467	13.045	12.046
%RSD	.2217016	.2006874	.6965213	.2869221	.1609186
#1	5709.251	96841.94	7737.173	4532.221	7498.788
#2	5691.698	97074.72	7654.911	4557.573	7475.346
#3	5684.752	97228.81	7636.874	4550.236	7482.258

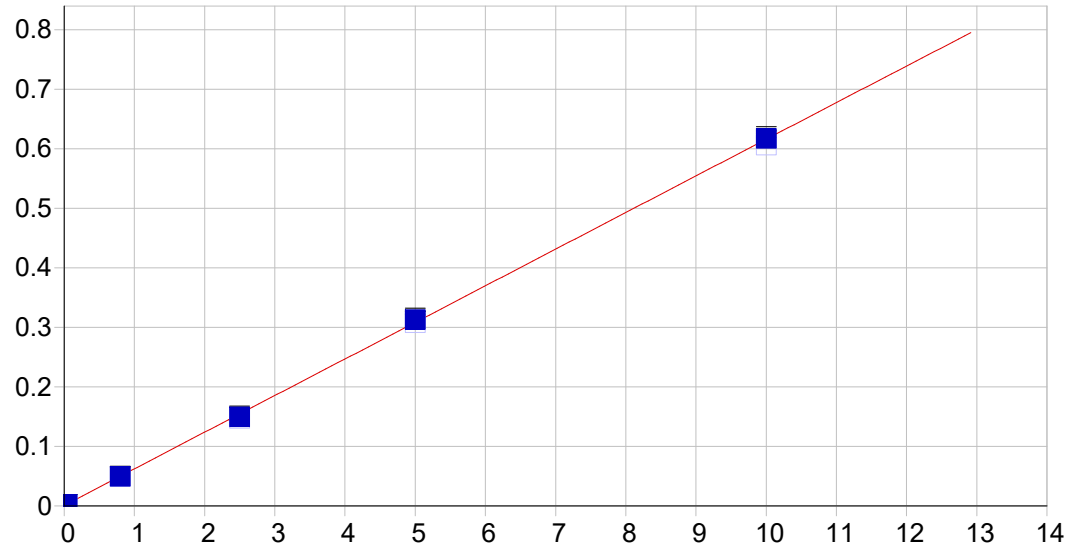


As 189.042 {479}

Date of Fit:	10/23/2025 13:03:18	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000034	Re-Slope:	1.000000
A1 (Gain):	0.053353	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999756	Status:	OK.
Std Error of Est:	0.000028		
Predicted MDL:	0.002152		
Predicted MQL:	0.007175		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00003	.000	1
S1	.02000	.01965	-.000	-1.76	.00101	.000	1
S3	2.5000	2.3912	-.109	-4.35	.12741	.000	1
S4	5.0000	5.1375	.138	2.75	.27380	.001	1
S5	10.000	9.9890	-.011	-.110	.53236	.001	1
S2	.80000	.78256	-.017	-2.18	.04167	.000	1

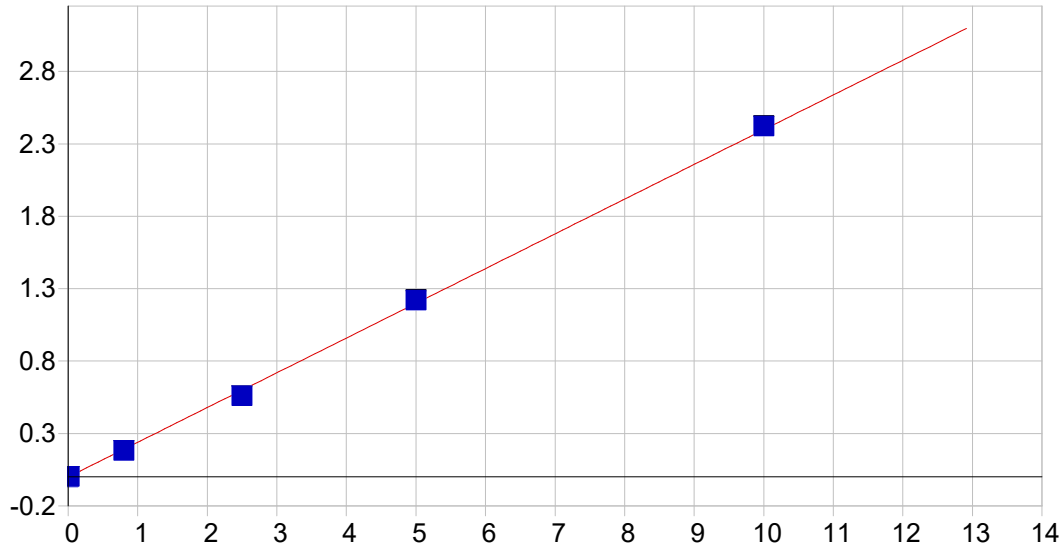


Tl 190.856 {477}

Date of Fit:	10/23/2025 13:03:18	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000777	Re-Slope:	1.000000
A1 (Gain):	0.061532	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999877	Status:	OK.
Std Error of Est:	0.000031		
Predicted MDL:	0.002616		
Predicted MQL:	0.008719		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00078	.000	1
S1	.04000	.03648	-.004	-8.81	.00286	.000	1
S3	2.5000	2.4158	-.084	-3.37	.14662	.002	1
S4	5.0000	5.0759	.076	1.52	.30750	.002	1
S5	10.000	10.017	.017	.168	.60591	.004	1
S2	.80000	.79482	-.005	-.647	.04879	.001	1

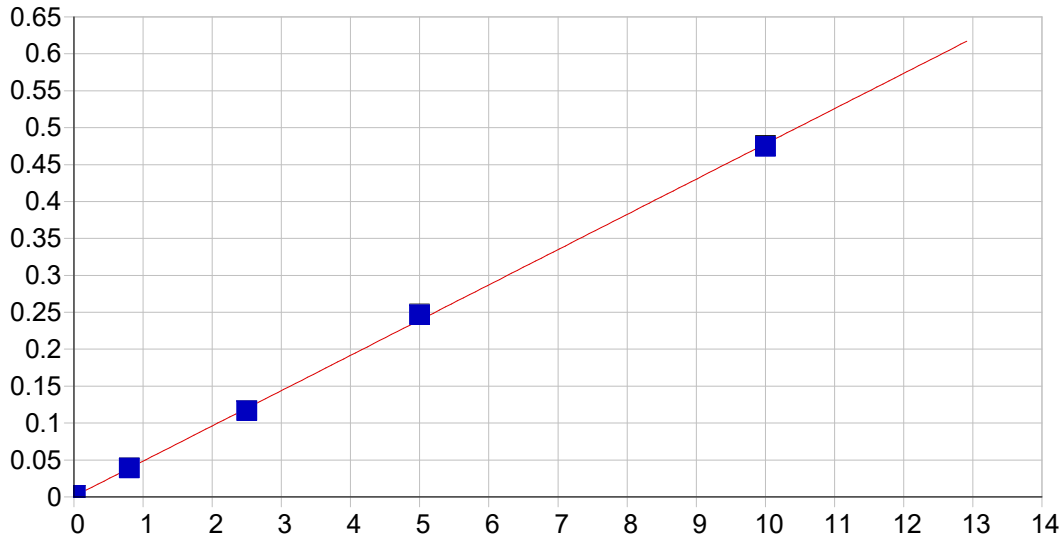


Pb 220.353 {453}

Date of Fit:	10/23/2025 13:03:18	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000282	Re-Slope:	1.000000
A1 (Gain):	0.239849	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999586	Status:	OK.
Std Error of Est:	0.000125		
Predicted MDL:	0.001217		
Predicted MQL:	0.004056		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00028	.000	1
S1	.01200	.01166	-.000	-2.87	.00245	.000	1
S3	2.5000	2.3403	-.160	-6.39	.56031	.001	1
S4	5.0000	5.0922	.092	1.84	1.2196	.004	1
S5	10.000	10.108	.108	1.08	2.4213	.002	1
S2	.80000	.75940	-.041	-5.07	.18163	.000	1

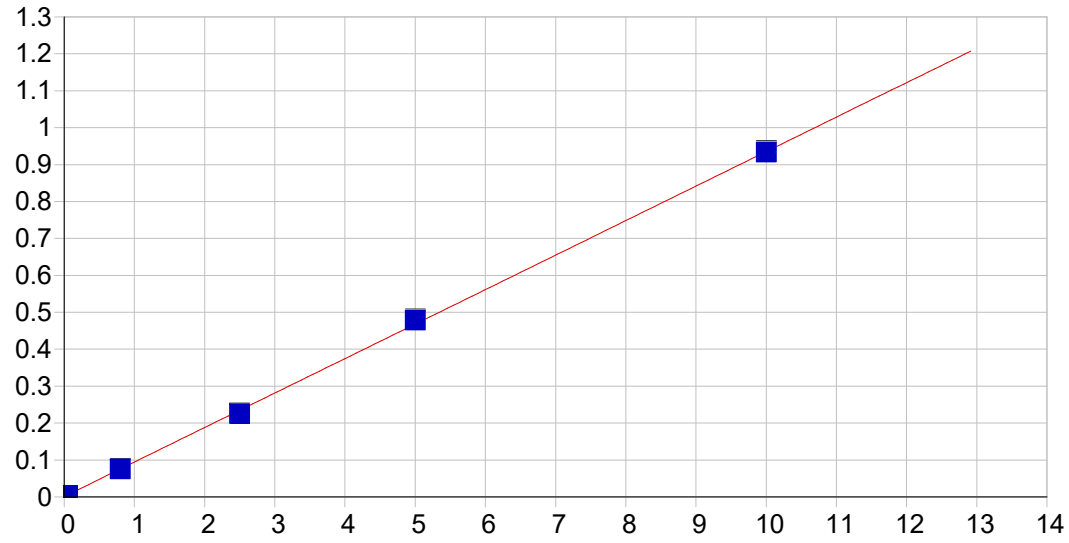


Se 196.090 {472}

Date of Fit:	10/23/2025 13:03:18	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000711	Re-Slope:	1.000000
A1 (Gain):	0.047732	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999807	Status:	OK.
Std Error of Est:	0.000022		
Predicted MDL:	0.003078		
Predicted MQL:	0.010261		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00071	.000	1
S1	.02000	.01955	-.000	-2.25	.00164	.000	1
S3	2.5000	2.4267	-.073	-2.93	.11651	.000	1
S4	5.0000	5.1483	.148	2.97	.24639	.001	1
S5	10.000	9.9274	-.073	-.726	.47444	.001	1
S2	.80000	.79802	-.002	-.248	.03879	.000	1

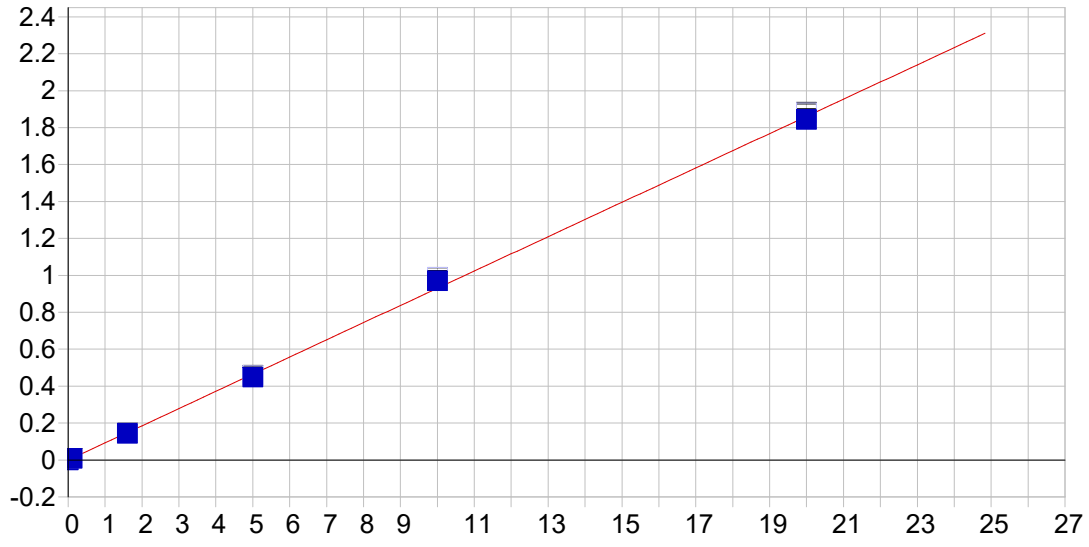


Sb 206.833 {463}

Date of Fit:	10/23/2025 13:03:18	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000973	Re-Slope:	1.000000
A1 (Gain):	0.093415	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999825	Status:	OK.
Std Error of Est:	0.000065		
Predicted MDL:	0.002044		
Predicted MQL:	0.006813		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00097	.000	1
S1	.05000	.04753	-.002	-4.93	.00542	.000	1
S3	2.5000	2.4042	-.096	-3.83	.22620	.000	1
S4	5.0000	5.1149	.115	2.30	.48006	.002	1
S5	10.000	9.9855	-.015	-.145	.93631	.001	1
S2	.80000	.79783	-.002	-.271	.07571	.000	1

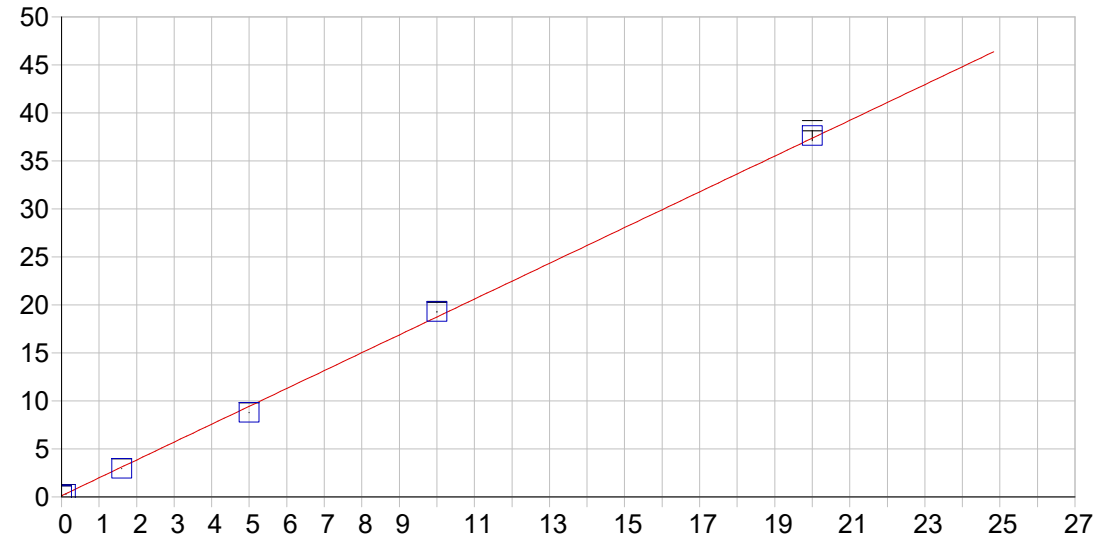


Al 396.152 { 85}

Date of Fit:	10/23/2025 13:03:18	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000580	Re-Slope:	1.000000
A1 (Gain):	0.093077	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999619	Status:	OK.
Std Error of Est:	0.000194		
Predicted MDL:	0.014510		
Predicted MQL:	0.048365		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00058	.002	1
S1	.10000	.09529	-.005	-4.71	.00901	.001	1
S3	5.0000	4.8237	-.176	-3.53	.45743	.001	1
S4	10.000	10.433	.433	4.33	.98851	.001	1
S5	20.000	19.806	-.194	-.970	1.8790	.005	1
S2	1.6000	1.5426	-.057	-3.58	.14589	.000	1

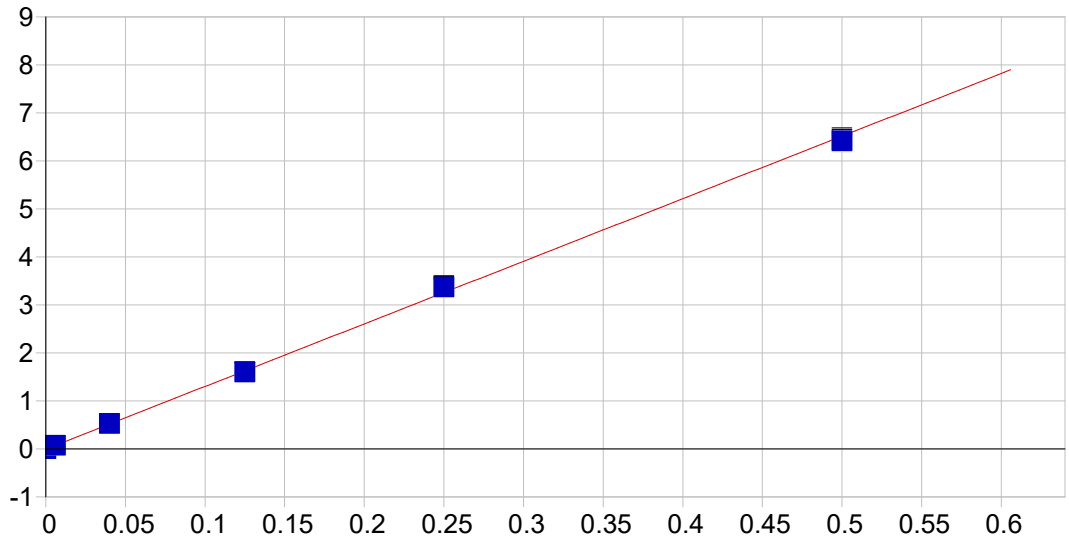


Ba 493.409 { 68}

Date of Fit:	10/23/2025 13:03:18	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.126021	Re-Slope:	1.000000
A1 (Gain):	1.861897	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999466	Status:	OK.
Std Error of Est:	0.004512		
Predicted MDL:	0.001814		
Predicted MQL:	0.006046		

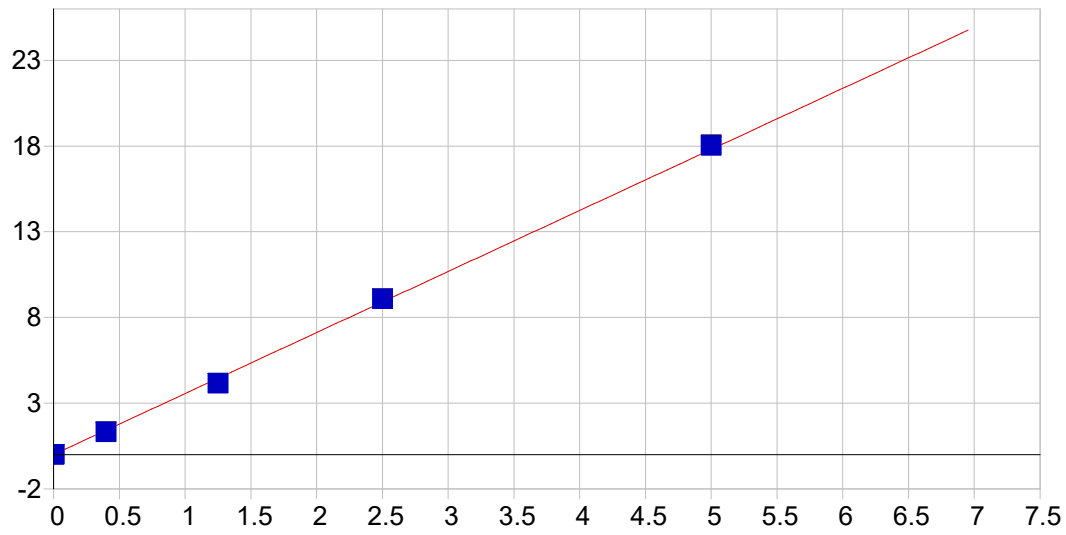
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.12605	.003	1
S1	.10000	.09130	-.009	-8.70	.29602	.006	1
S3	5.0000	4.6503	-.350	-6.99	8.7843	.008	1
S4	10.000	10.293	.293	2.93	19.291	.048	1
S5	20.000	20.148	.148	.739	37.639	.539	1
S2	1.6000	1.5173	-.083	-5.17	2.9511	.015	1



Be 234.861 {144}

Date of Fit:		Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	-0.002437		Re-Slope:	1.000000	
A1 (Gain):	13.037811		Y-int:	0.000000	
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.999741		Status:	OK.	
Std Error of Est:	0.000849				
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	-.00244	.000	1
S1	.00600	.00601	.000	.131	.07531	.000	1
S3	.12500	.12277	-.002	-1.79	1.5909	.006	1
S4	.25000	.25889	.009	3.56	3.3584	.029	1
S5	.50000	.49271	-.007	-1.46	6.3922	.057	1
S2	.04000	.04062	.001	1.56	.52486	.002	1

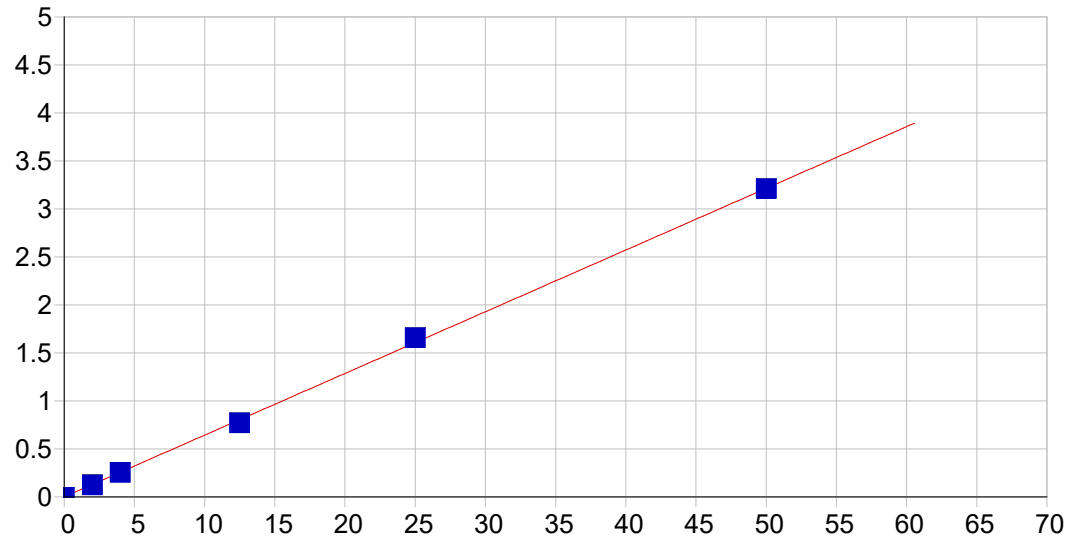


Cd 226.502 {449}

Date of Fit:	10/23/2025 13:03:18	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000361	Re-Slope:	1.000000
A1 (Gain):	3.561111	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999477	Status:	OK.
Std Error of Est:	0.001047		
Predicted MDL:	0.000069		
Predicted MQL:	0.000231		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00036	.000	1
S1	.00600	.00537	-.001	-10.5	.01882	.000	1
S3	1.2500	1.1666	-.083	-6.67	4.1568	.007	1
S4	2.5000	2.5523	.052	2.09	9.0945	.015	1
S5	5.0000	5.0610	.061	1.22	18.034	.035	1
S2	.40000	.37080	-.029	-7.30	1.3210	.000	1

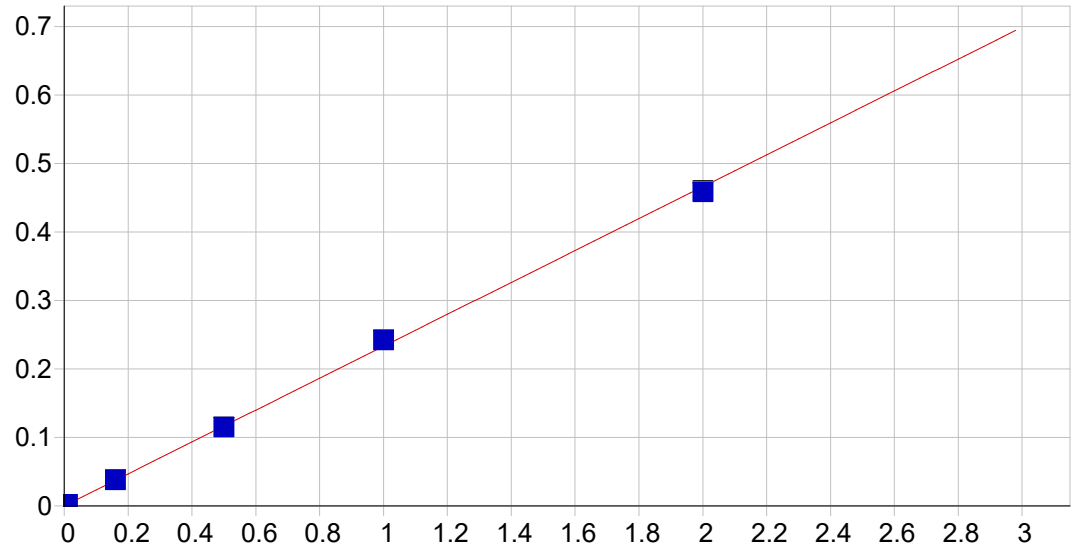


Ca 373.690 { 90}

Date of Fit:	10/23/2025 13:03:18	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000731	Re-Slope:	1.000000
A1 (Gain):	0.064269	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999708	Status:	OK.
Std Error of Est:	0.000822		
Predicted MDL:	0.016660		
Predicted MQL:	0.055534		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00015	.000	.000	.00074	.000	1
S2	4.0000	3.9177	-.082	-2.06	.25251	.000	1
S3	12.500	11.945	-.555	-4.44	.76840	.002	1
S4	25.000	25.789	.789	3.16	1.6582	.003	1
S5	50.000	49.928	-.072	-.143	3.2096	.005	1
S1	2.0000	1.9200	-.080	-4.00	.12412	.001	1

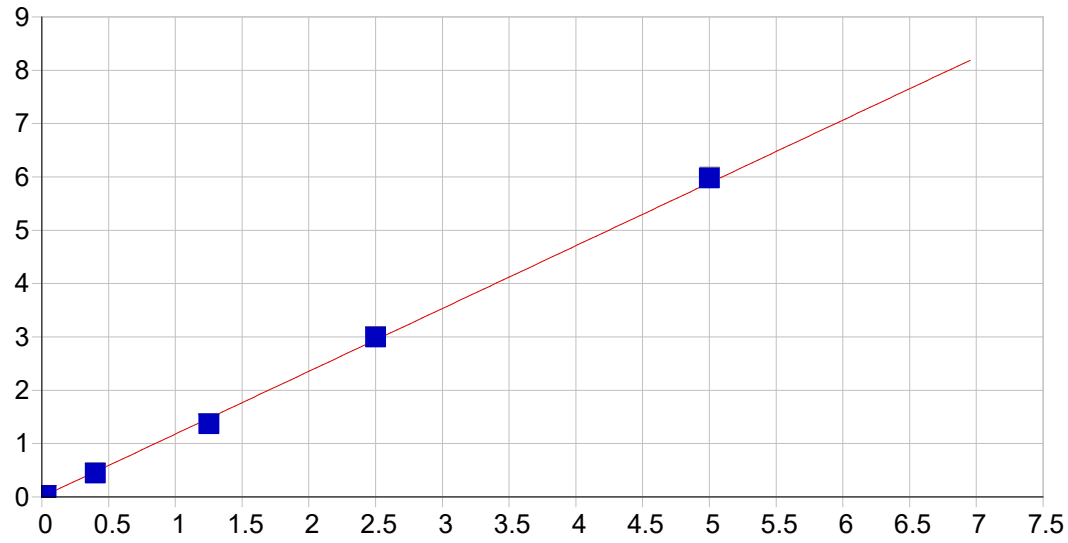


Cr 267.716 {126}

Date of Fit:	10/23/2025 13:03:18	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000145	Re-Slope:	1.000000
A1 (Gain):	0.233023	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999691	Status:	OK.
Std Error of Est:	0.000043		
Predicted MDL:	0.000366		
Predicted MQL:	0.001220		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00015	.000	1
S1	.01000	.00957	-.000	-4.25	.00238	.000	1
S3	.50000	.49186	-.008	-1.63	.11485	.000	1
S4	1.0000	1.0391	.039	3.91	.24247	.001	1
S5	2.0000	1.9668	-.033	-1.66	.45883	.001	1
S2	.16000	.16265	.003	1.66	.03808	.000	1

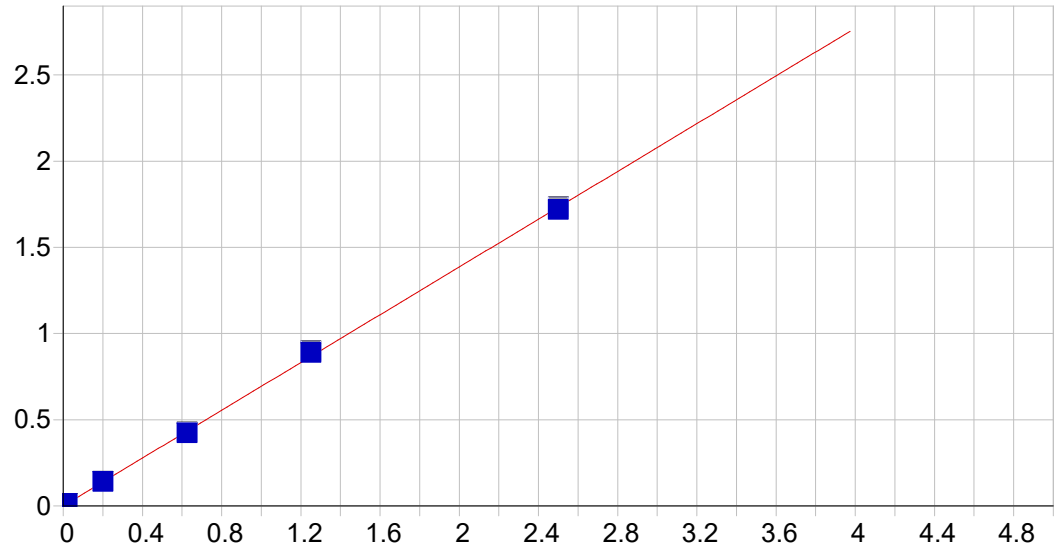


Co 228.616 {448}

Date of Fit:	10/23/2025 13:03:18	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000275	Re-Slope:	1.000000
A1 (Gain):	1.177358	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999453	Status:	OK.
Std Error of Est:	0.000793		
Predicted MDL:	0.000186		
Predicted MQL:	0.000619		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00028	.000	1
S1	.03000	.02732	-.003	-8.93	.03229	.000	1
S3	1.2500	1.1604	-.090	-7.17	1.3690	.002	1
S4	2.5000	2.5429	.043	1.72	2.9992	.008	1
S5	5.0000	5.0744	.074	1.49	5.9847	.010	1
S2	.40000	.37490	-.025	-6.27	.44247	.001	1

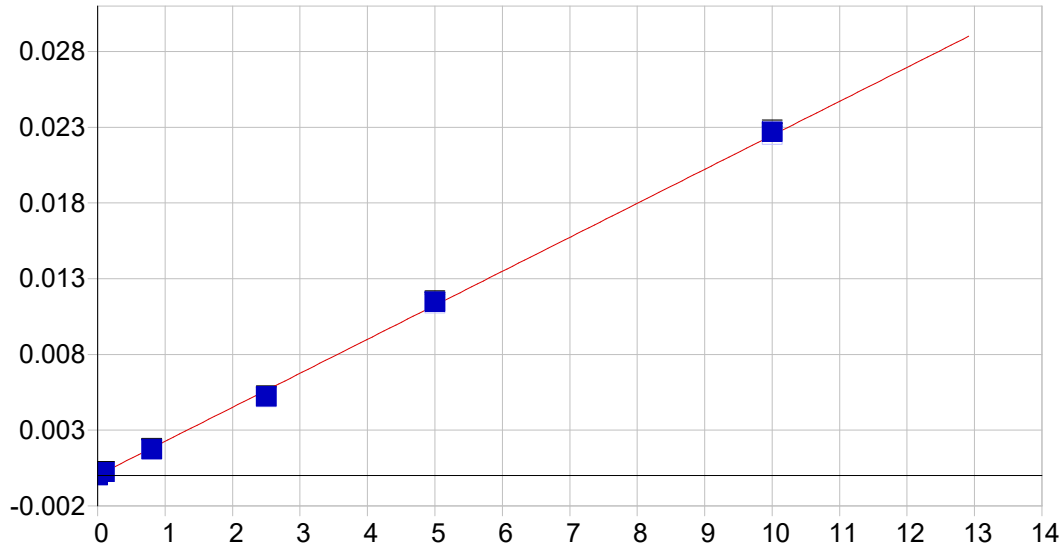


Cu 224.700 {450}

Date of Fit:	10/23/2025 13:03:18	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000751	Re-Slope:	1.000000
A1 (Gain):	0.692844	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999839	Status:	OK.
Std Error of Est:	0.000147		
Predicted MDL:	0.000425		
Predicted MQL:	0.001418		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00075	.000	1
S1	.02000	.02015	.000	.737	.01487	.000	1
S3	.62500	.60932	-.016	-2.51	.42670	.003	1
S4	1.2500	1.2838	.034	2.70	.89779	.002	1
S5	2.5000	2.4793	-.021	-.826	1.7337	.003	1
S2	.20000	.20238	.002	1.19	.14218	.000	1

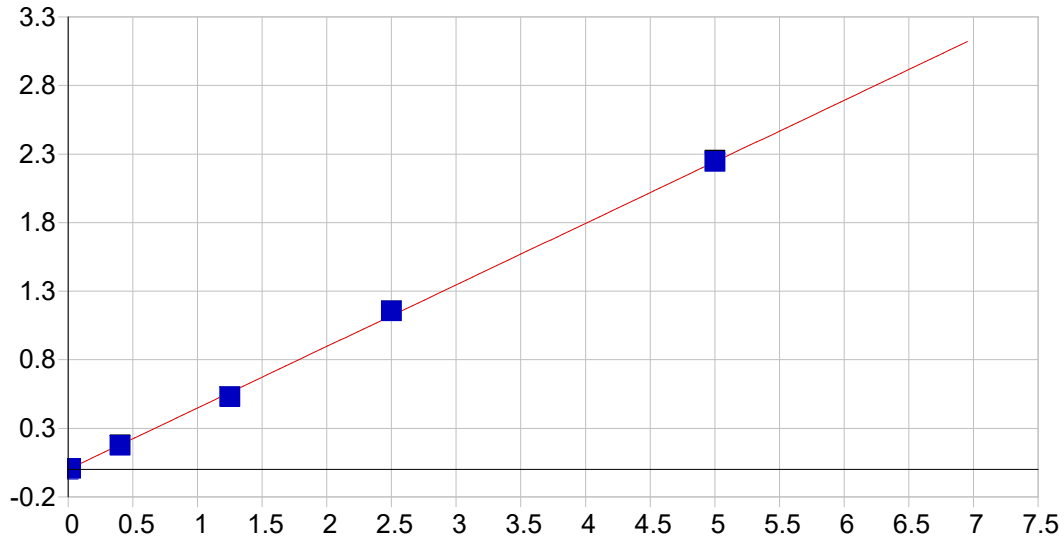


Fe 240.488 {140}

Date of Fit:	10/23/2025 13:03:18	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000021	Re-Slope:	1.000000
A1 (Gain):	0.002244	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999515	Status:	OK.
Std Error of Est:	0.000004		
Predicted MDL:	0.010360		
Predicted MQL:	0.034535		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00002	.000	1
S1	.10000	.09876	-.001	-1.24	.00024	.000	1
S3	2.5000	2.3193	-.181	-7.23	.00518	.000	1
S4	5.0000	5.1054	.105	2.11	.01138	.000	1
S5	10.000	10.107	.107	1.07	.02251	.000	1
S2	.80000	.76997	-.030	-3.75	.00173	.000	1

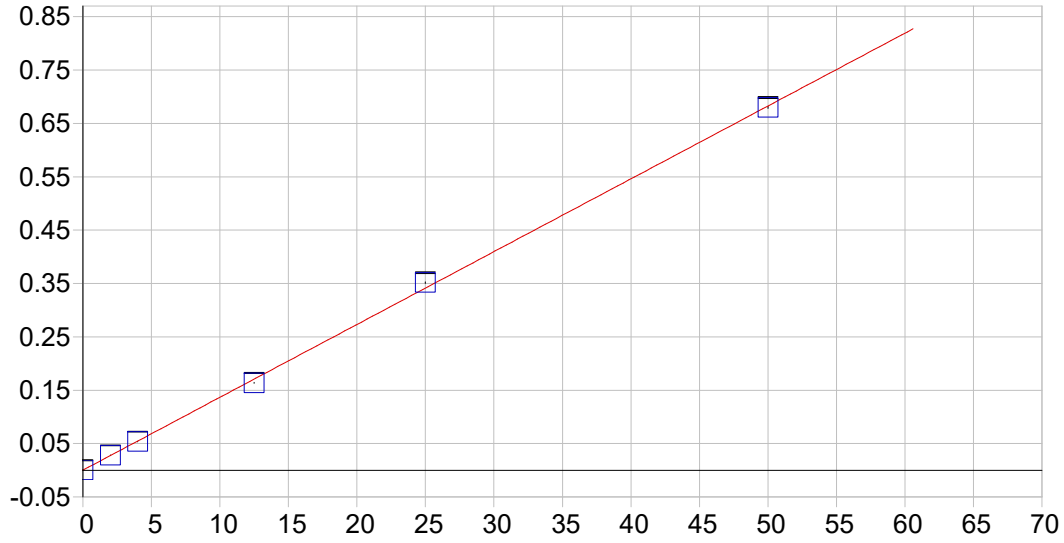


Mn 257.610 {131}

Date of Fit:	10/23/2025 13:03:18	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000205	Re-Slope:	1.000000
A1 (Gain):	0.448558	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999664	Status:	OK.
Std Error of Est:	0.000193		
Predicted MDL:	0.000851		
Predicted MQL:	0.002837		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00021	.000	1
S1	.02000	.01920	-.001	-4.01	.00882	.000	1
S3	1.2500	1.1812	-.069	-5.50	.53017	.000	1
S4	2.5000	2.5738	.074	2.95	1.1549	.001	1
S5	5.0000	5.0040	.004	.080	2.2452	.010	1
S2	.40000	.39176	-.008	-2.06	.17597	.001	1

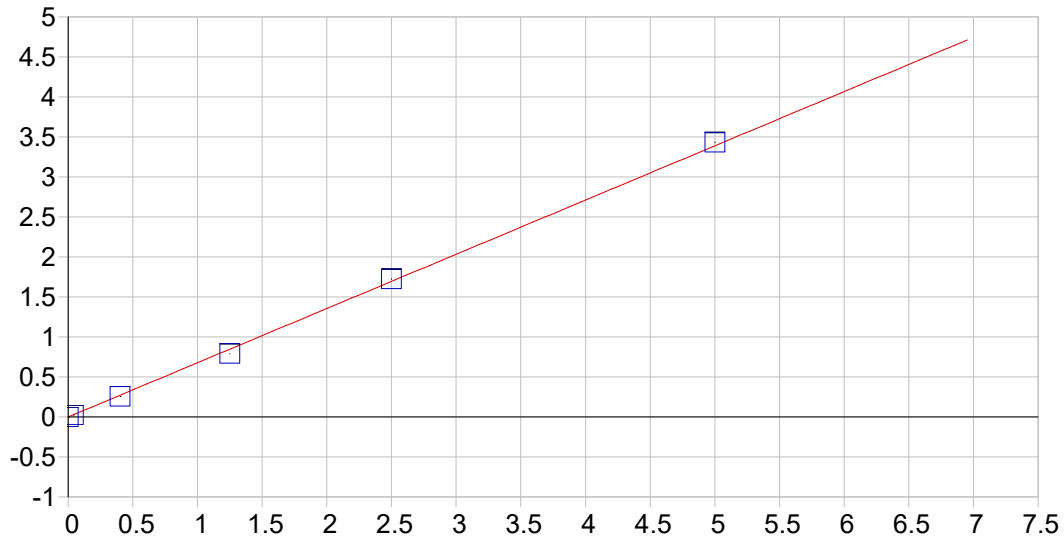


Mg 279.079 {121}

Date of Fit:	10/23/2025 13:03:18	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000160	Re-Slope:	1.000000
A1 (Gain):	0.013649	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999753	Status:	OK.
Std Error of Est:	0.000161		
Predicted MDL:	0.036355		
Predicted MQL:	0.121182		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00005	.000	.000	.00016	.001	1
S2	4.0000	3.9290	-.071	-1.78	.05379	.000	1
S3	12.500	11.985	-.515	-4.12	.16375	.001	1
S4	25.000	25.756	.756	3.03	.35171	.001	1
S5	50.000	49.812	-.188	-.377	.68004	.002	1
S1	2.0000	2.0178	.018	.892	.02770	.001	1

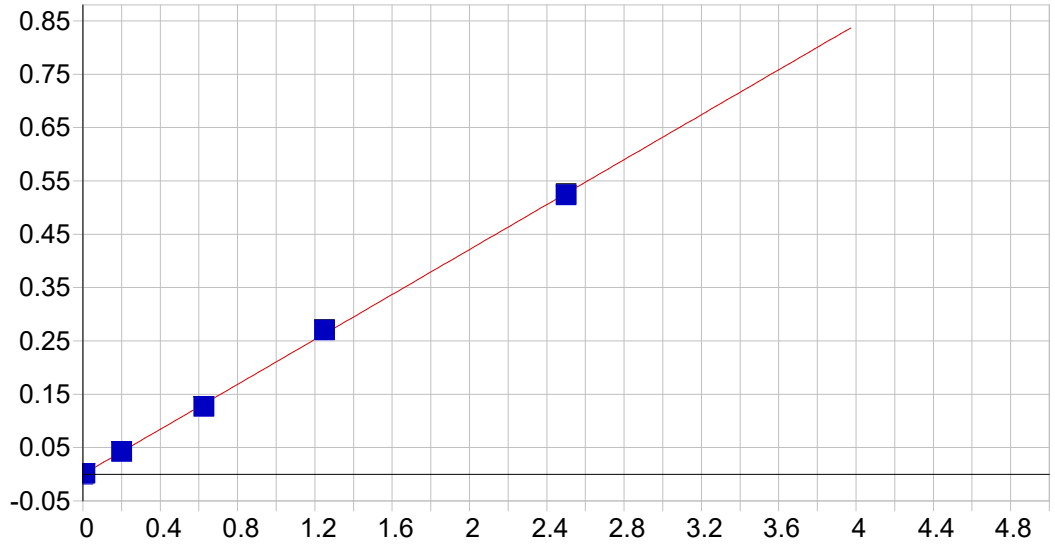


Ni 231.604 {446}

Date of Fit:	10/23/2025 13:03:18	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000631	Re-Slope:	1.000000
A1 (Gain):	0.677832	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999528	Status:	OK.
Std Error of Est:	0.000489		
Predicted MDL:	0.000344		
Predicted MQL:	0.001145		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00063	.000	1
S1	.04000	.03634	-.004	-9.14	.02400	.000	1
S3	1.2500	1.1665	-.084	-6.68	.79004	.002	1
S4	2.5000	2.5448	.045	1.79	1.7243	.004	1
S5	5.0000	5.0639	.064	1.28	3.4318	.005	1
S2	.40000	.37859	-.021	-5.35	.25599	.000	1

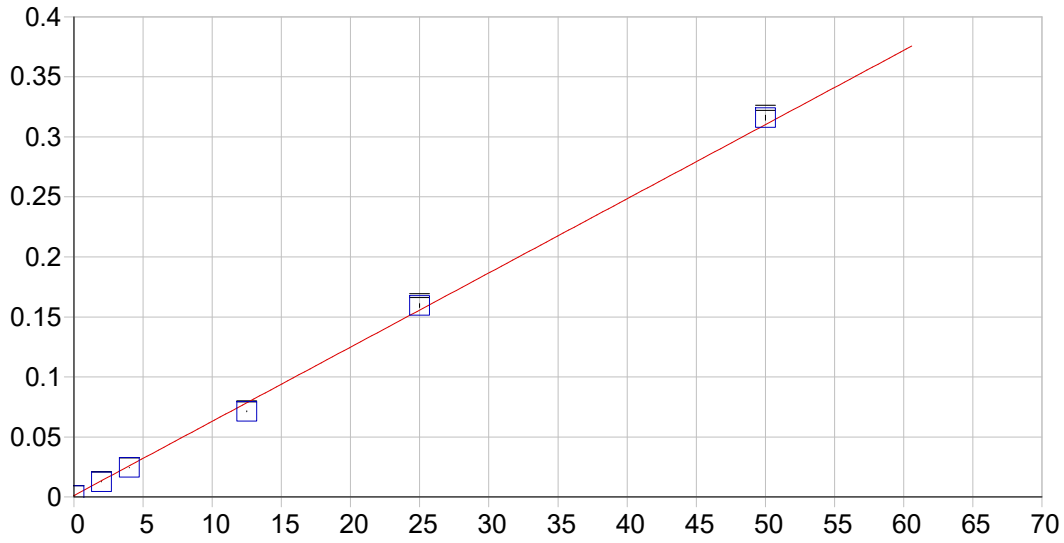


Ag 328.068 {103}

Date of Fit:	10/23/2025 13:03:18	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000080	Re-Slope:	1.000000
A1 (Gain):	0.210675	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999806	Status:	OK.
Std Error of Est:	0.000034		
Predicted MDL:	0.000626		
Predicted MQL:	0.002086		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00008	.000	1
S1	.01000	.00919	-.001	-8.14	.00184	.000	1
S3	.62500	.60266	-.022	-3.57	.12635	.000	1
S4	1.2500	1.2827	.033	2.62	.26909	.001	1
S5	2.5000	2.4897	-.010	-.412	.52231	.001	1
S2	.20000	.20074	.001	.371	.04204	.000	1

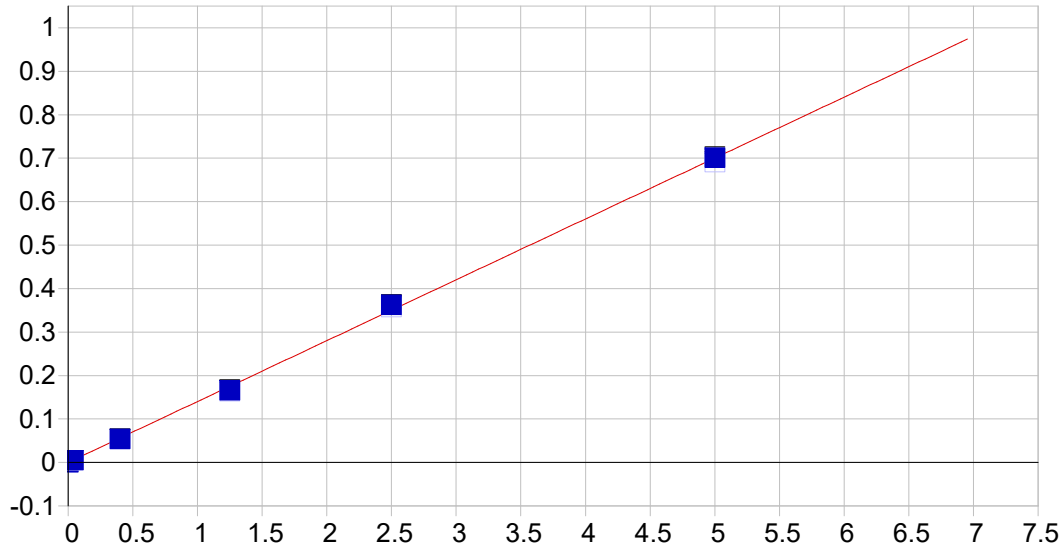


Na 589.592 { 57}

Date of Fit:	10/23/2025 13:03:18	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.001195	Re-Slope:	1.000000
A1 (Gain):	0.006181	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999123	Status:	OK.
Std Error of Est:	0.000137		
Predicted MDL:	0.026880		
Predicted MQL:	0.089601		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00037	.000	.000	.00120	.000	1
S2	4.0000	3.7559	-.244	-6.10	.02441	.000	1
S3	12.500	11.347	-1.15	-9.23	.07133	.000	1
S4	25.000	25.607	.607	2.43	.15947	.002	1
S5	50.000	50.935	.935	1.87	.31603	.002	1
S1	2.0000	1.8553	-.145	-7.24	.01266	.000	1

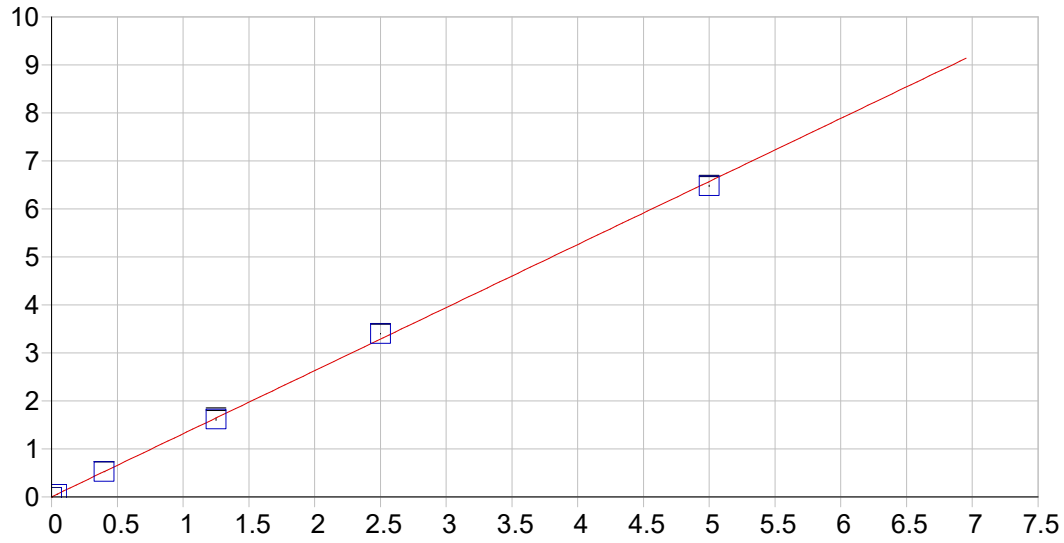


V 292.402 {115}

Date of Fit:	10/23/2025 13:03:18	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000099	Re-Slope:	1.000000
A1 (Gain):	0.140044	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999572	Status:	OK.
Std Error of Est:	0.000095		
Predicted MDL:	0.004157		
Predicted MQL:	0.013855		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00010	.000	1
S1	.04000	.03496	-.005	-12.6	.00479	.000	1
S3	1.2500	1.1841	-.066	-5.27	.16337	.001	1
S4	2.5000	2.5843	.084	3.37	.35692	.001	1
S5	5.0000	5.0030	.003	.059	.69052	.002	1
S2	.40000	.38355	-.016	-4.11	.05300	.000	1

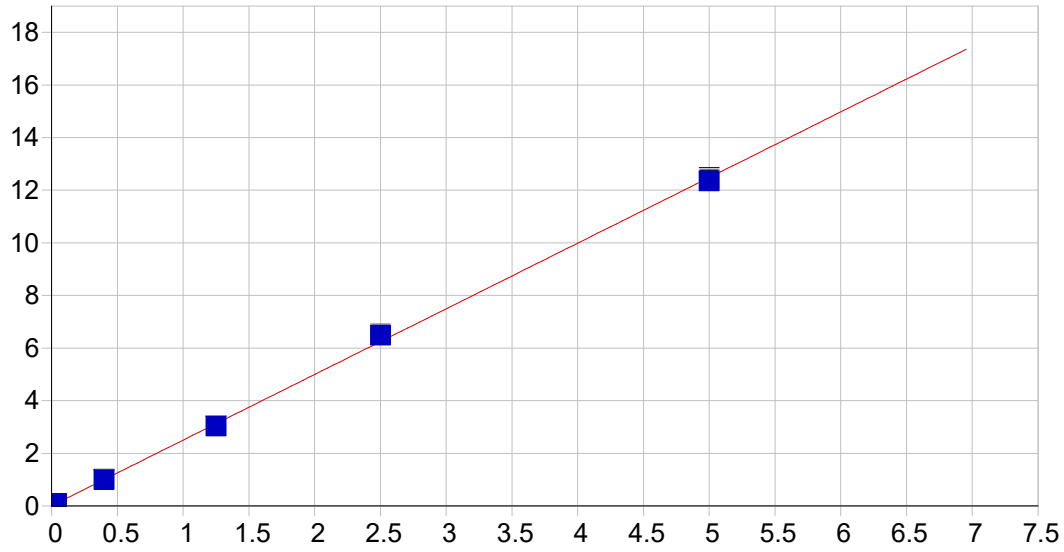


Zn 206.200 {464}

Date of Fit:	10/23/2025 13:03:18	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.001520	Re-Slope:	1.000000
A1 (Gain):	1.314103	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999770	Status:	OK.
Std Error of Est:	0.000661		
Predicted MDL:	0.000132		
Predicted MQL:	0.000440		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00152	.000	1
S1	.04000	.03973	-.000	-.685	.05372	.000	1
S3	1.2500	1.2318	-.018	-1.45	1.6203	.026	1
S4	2.5000	2.5869	.087	3.48	3.4010	.007	1
S5	5.0000	4.9317	-.068	-1.37	6.4822	.013	1
S2	.40000	.39984	-.000	-.040	.52695	.001	1

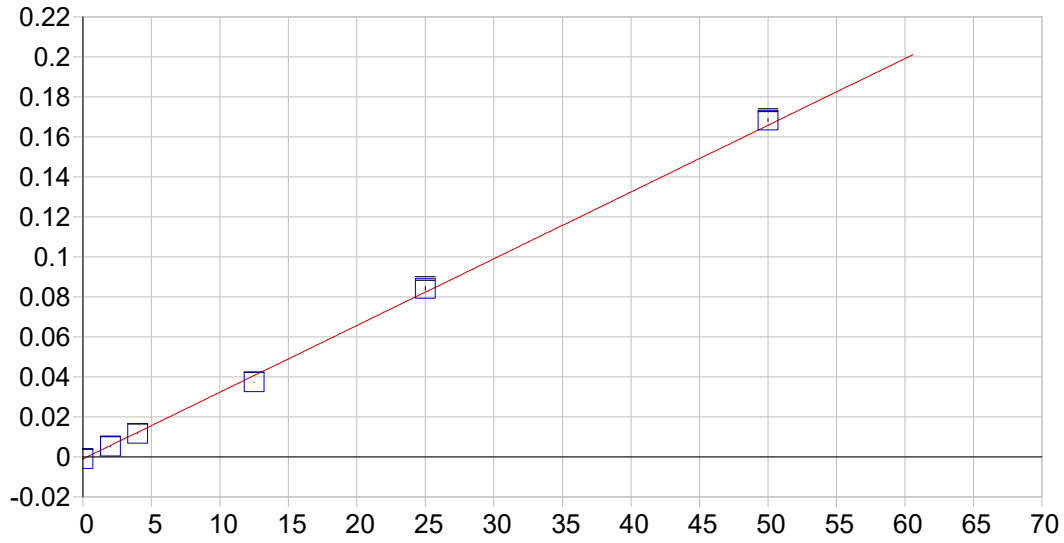


Zn 213.856 {158}

Date of Fit:	10/23/2025 13:03:18	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.004770	Re-Slope:	1.000000
A1 (Gain):	2.495666	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999701	Status:	OK.
Std Error of Est:	0.001442		
Predicted MDL:	0.000248		
Predicted MQL:	0.000826		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00477	.001	1
S1	.04000	.03902	-.001	-2.45	.10285	.000	1
S3	1.2500	1.2120	-.038	-3.04	3.0512	.008	1
S4	2.5000	2.5966	.097	3.87	6.5285	.006	1
S5	5.0000	4.9430	-.057	-1.14	12.428	.050	1
S2	.40000	.39939	-.001	-.153	1.0085	.003	1

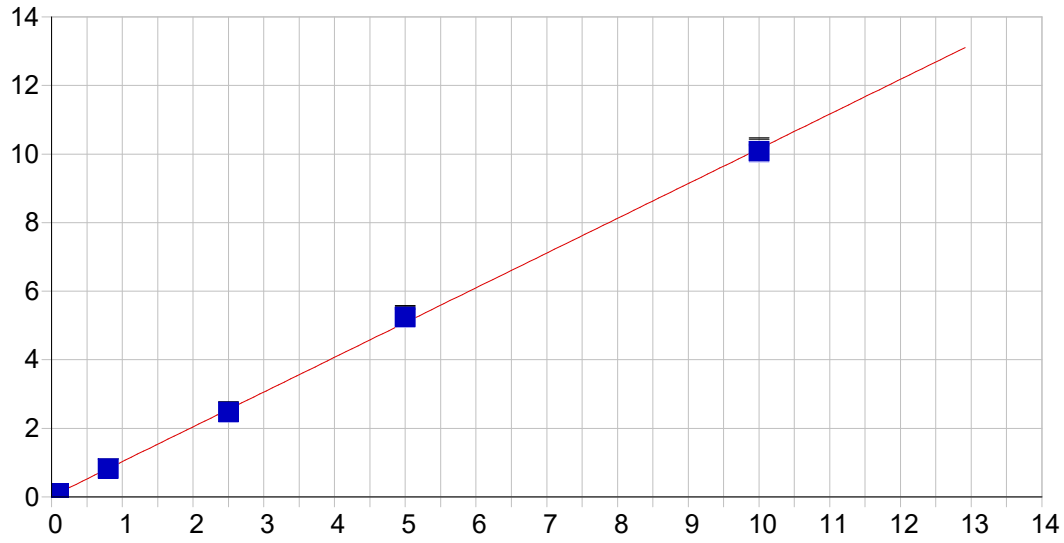


K 766.490 { 44}

Date of Fit:	10/23/2025 13:03:18	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.001015	Re-Slope:	1.000000
A1 (Gain):	0.003337	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999361	Status:	OK.
Std Error of Est:	0.000063		
Predicted MDL:	0.059201		
Predicted MQL:	0.197336		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00031	.000	.000	-.00101	.000	1
S2	4.0000	3.7823	-.218	-5.44	.01161	.000	1
S3	12.500	11.518	-.982	-7.86	.03742	.000	1
S4	25.000	25.544	.544	2.17	.08422	.001	1
S5	50.000	50.772	.772	1.54	.16840	.001	1
S1	2.0000	1.8838	-.116	-5.81	.00527	.000	1

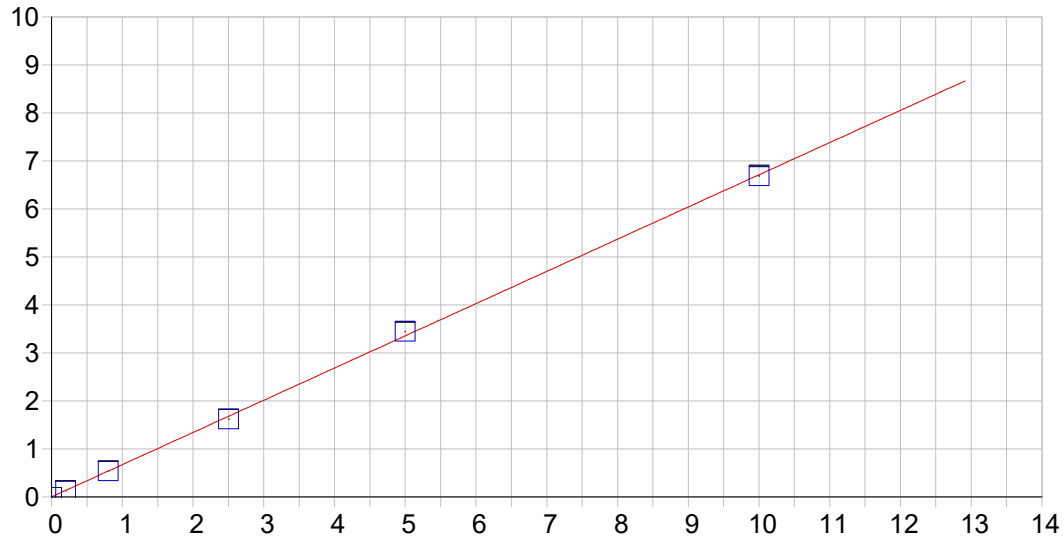


B 249.678 {135}

Date of Fit:	10/23/2025 13:03:18	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.016244	Re-Slope:	1.000000
A1 (Gain):	1.013571	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999780	Status:	OK.
Std Error of Est:	0.001113		
Predicted MDL:	0.000926		
Predicted MQL:	0.003085		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.01625	.001	1
S1	.10000	.09329	-.007	-6.71	.11020	.001	1
S3	2.5000	2.4253	-.075	-2.99	2.4654	.009	1
S4	5.0000	5.1557	.156	3.11	5.2237	.046	1
S5	10.000	9.9321	-.068	-.679	10.047	.097	1
S2	.80000	.79353	-.006	-.809	.81762	.005	1

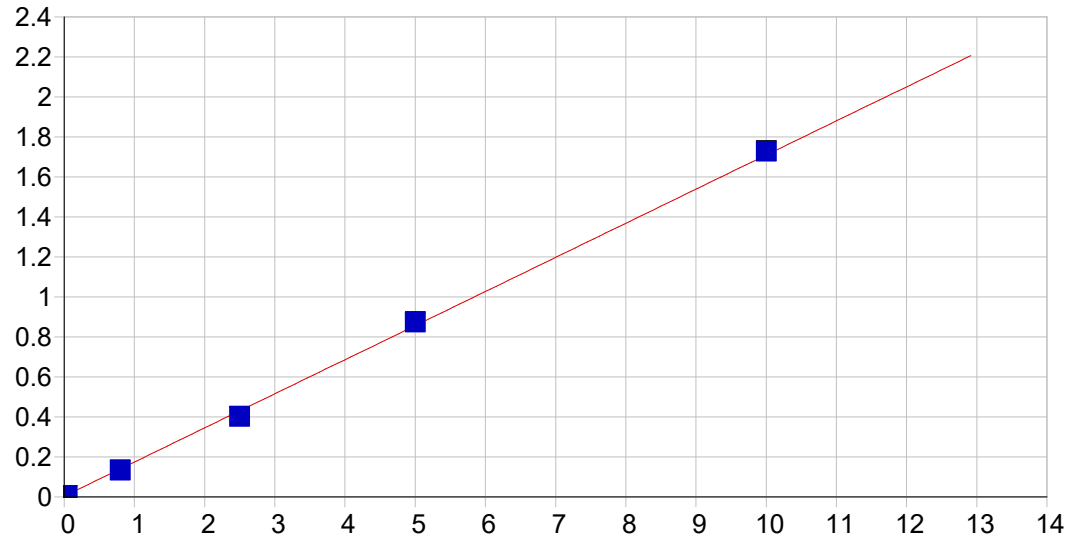


Mo 202.030 {467}

Date of Fit:	10/23/2025 13:03:18	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000634	Re-Slope:	1.000000
A1 (Gain):	0.671045	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999799	Status:	OK.
Std Error of Est:	0.001001		
Predicted MDL:	0.000269		
Predicted MQL:	0.000898		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00064	.000	1
S1	.20000	.18698	-.013	-6.51	.12610	.000	1
S3	2.5000	2.4129	-.087	-3.49	1.6198	.002	1
S4	5.0000	5.1310	.131	2.62	3.4437	.011	1
S5	10.000	9.9680	-.032	-.320	6.6896	.016	1
S2	.80000	.80122	.001	.152	.53829	.001	1

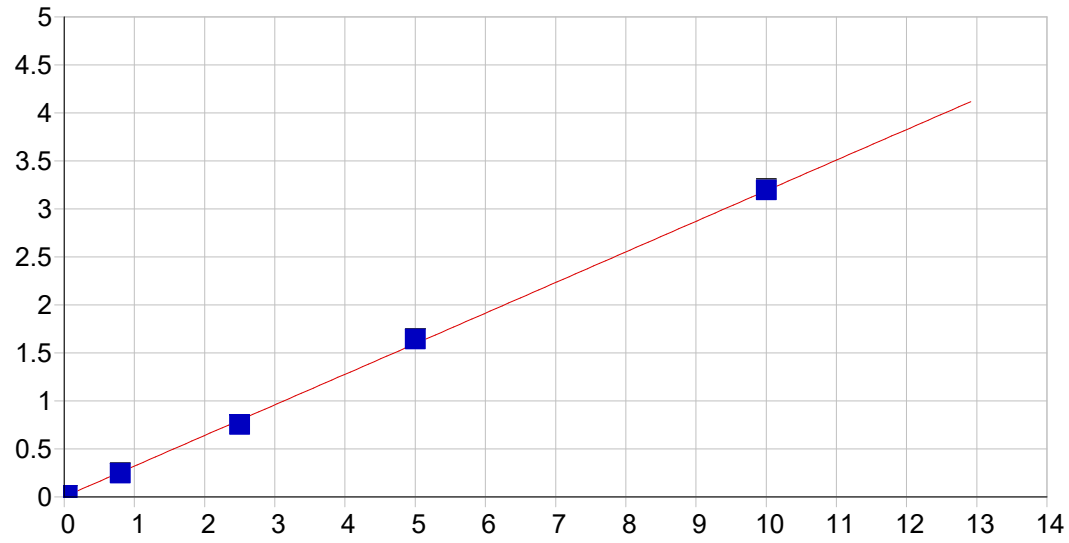


Sn 189.989 {478}

Date of Fit:	10/23/2025 13:03:18	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.003771	Re-Slope:	1.000000
A1 (Gain):	0.170543	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999554	Status:	OK.
Std Error of Est:	0.000169		
Predicted MDL:	0.000582		
Predicted MQL:	0.001939		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00377	.000	1
S1	.04000	.03465	-.005	-13.4	.00967	.000	1
S3	2.5000	2.3369	-.163	-6.53	.40187	.001	1
S4	5.0000	5.0960	.096	1.92	.87198	.003	1
S5	10.000	10.111	.111	1.11	1.7265	.003	1
S2	.80000	.76116	-.039	-4.86	.13344	.000	1

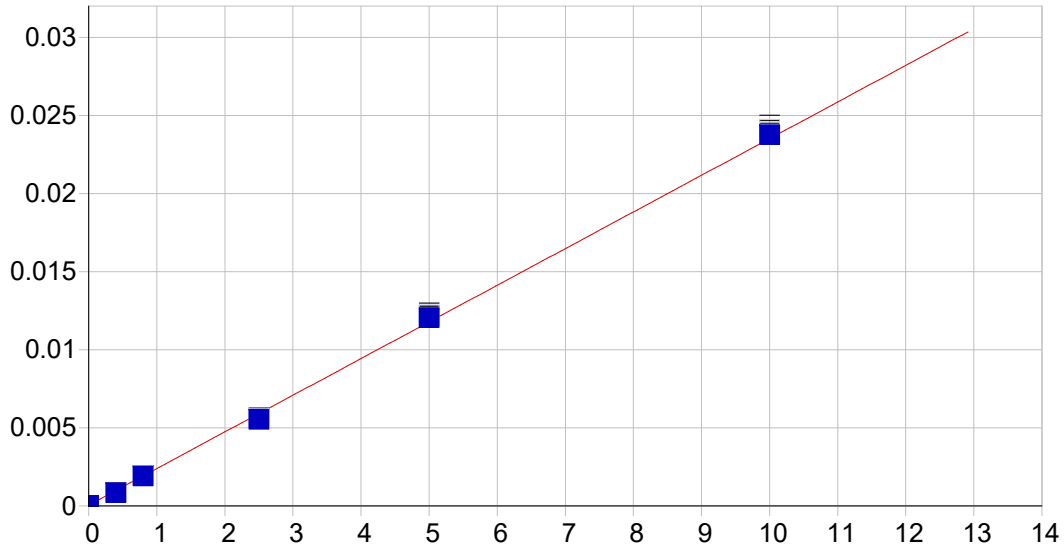


Ti 336.121 {100}

Date of Fit:	10/23/2025 13:03:18	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.002394	Re-Slope:	1.000000
A1 (Gain):	0.318691	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999597	Status:	OK.
Std Error of Est:	0.000300		
Predicted MDL:	0.002390		
Predicted MQL:	0.007967		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00240	.001	1
S1	.04000	.03515	-.005	-12.1	.01359	.000	1
S3	2.5000	2.3559	-.144	-5.76	.75292	.002	1
S4	5.0000	5.1537	.154	3.07	1.6443	.005	1
S5	10.000	10.025	.025	.248	3.1961	.011	1
S2	.80000	.77040	-.030	-3.70	.24782	.001	1

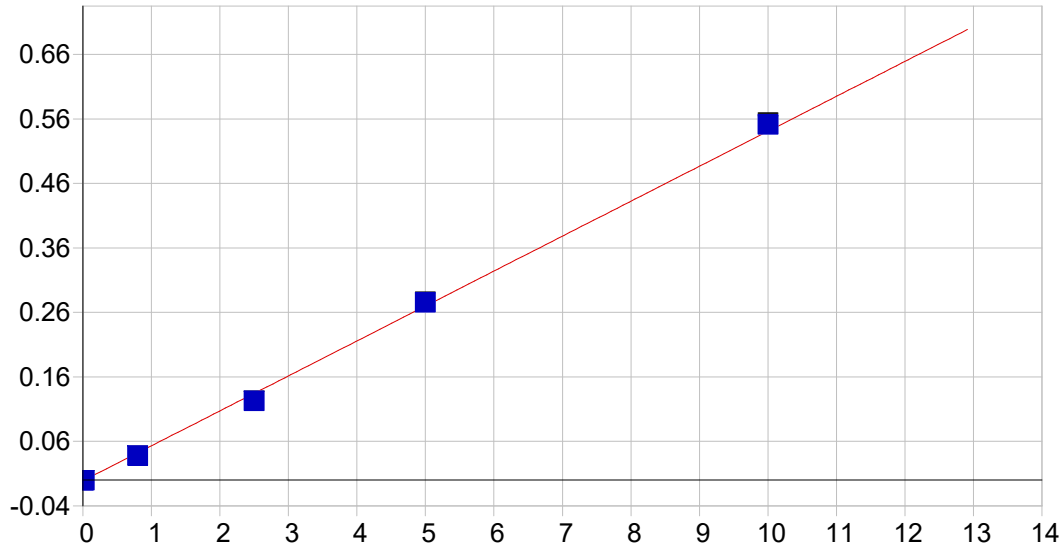


Si 288.158 {117}

Date of Fit:	10/23/2025 13:03:18	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000046	Re-Slope:	1.000000
A1 (Gain):	0.002347	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999393	Status:	OK.
Std Error of Est:	0.000009		
Predicted MDL:	0.018175		
Predicted MQL:	0.060585		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00007	.000	.000	.00005	.000	1
S1	.40000	.34085	-.059	-14.8	.00085	.000	1
S3	2.5000	2.3366	-.163	-6.54	.00562	.000	1
S4	5.0000	5.1165	.116	2.33	.01223	.000	1
S5	10.000	10.109	.109	1.09	.02412	.000	1
S2	.80000	.79618	-.004	-.478	.00194	.000	1

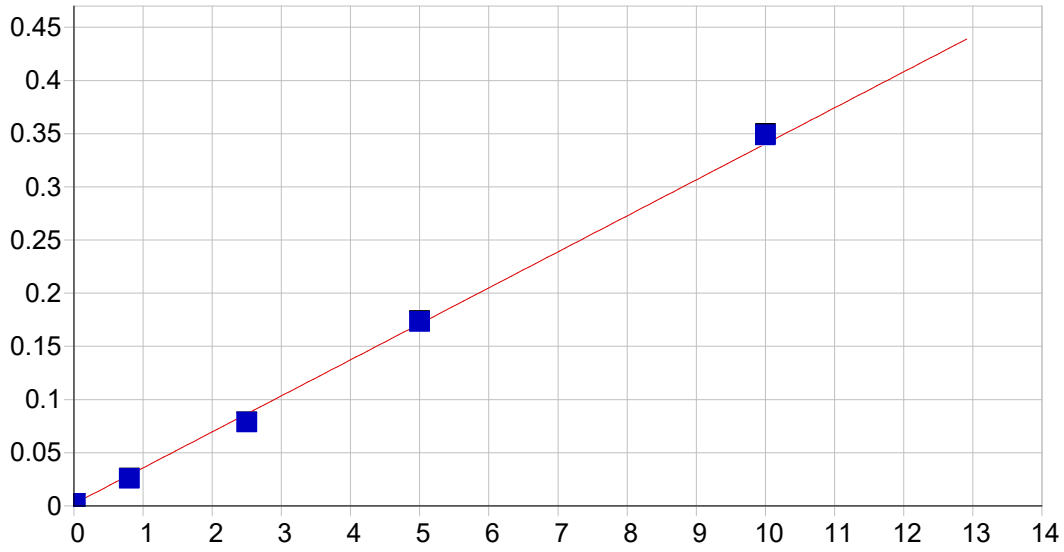


P 177.495 {490}

Date of Fit:	10/23/2025 13:03:18	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.001011	Re-Slope:	1.000000
A1 (Gain):	0.054185	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999084	Status:	OK.
Std Error of Est:	0.000054		
Predicted MDL:	0.001475		
Predicted MQL:	0.004918		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00101	.000	1
S1	.02000	.01691	-.003	-15.5	-.00009	.000	1
S3	2.5000	2.2817	-.218	-8.73	.12260	.000	1
S4	5.0000	5.1019	.102	2.04	.27539	.001	1
S5	10.000	10.200	.200	2.00	.55157	.002	1
S2	.80000	.71996	-.080	-10.0	.03799	.000	1

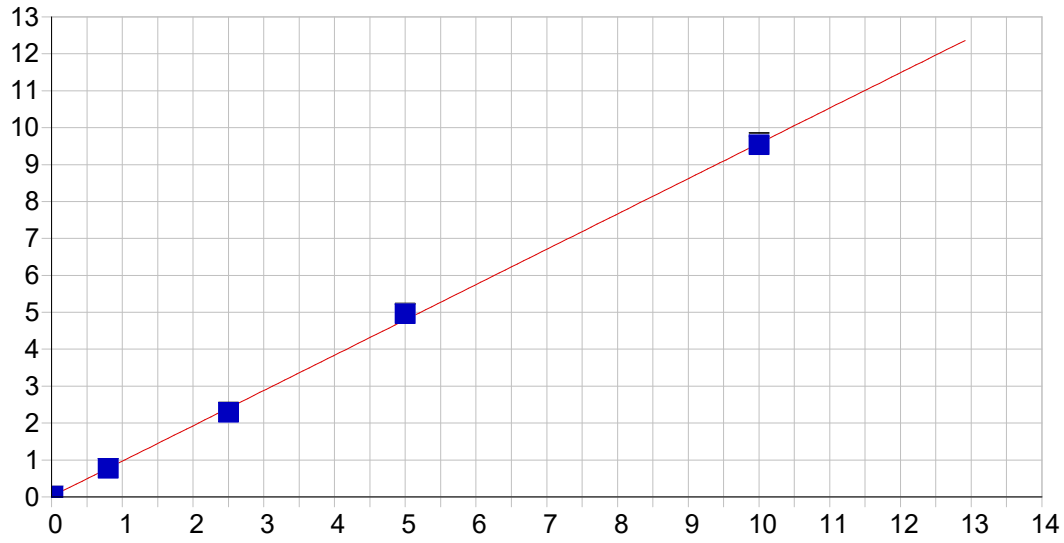


S 182.034 {485}

Date of Fit:	10/23/2025 13:03:18	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.001883	Re-Slope:	1.000000
A1 (Gain):	0.033852	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998925	Status:	OK.
Std Error of Est:	0.000037		
Predicted MDL:	0.002639		
Predicted MQL:	0.008796		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00188	.000	1
S1	.02000	.01420	-.006	-29.0	.00233	.000	1
S3	2.5000	2.2719	-.228	-9.12	.07857	.000	1
S4	5.0000	5.0673	.067	1.35	.17298	.001	1
S5	10.000	10.253	.253	2.53	.34810	.001	1
S2	.80000	.71308	-.087	-10.9	.02595	.000	1

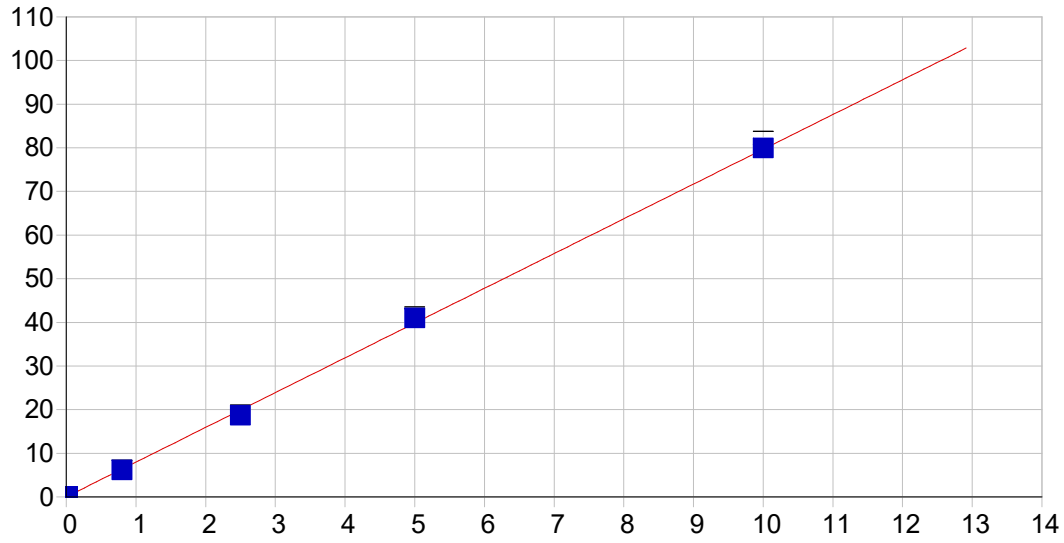


Li 670.784 { 50}

Date of Fit:	10/23/2025 13:03:18	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.012604	Re-Slope:	1.000000
A1 (Gain):	0.956319	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999678	Status:	OK.
Std Error of Est:	0.000570		
Predicted MDL:	0.002571		
Predicted MQL:	0.008571		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.01261	.001	1
S5	10.000	9.9567	-.043	-.433	9.5420	.052	1
S4	5.0000	5.1705	.170	3.41	4.9611	.015	1
S3	2.5000	2.3811	-.119	-4.75	2.2916	.001	1
S1	.02000	.01841	-.002	-7.97	.03054	.002	1
S2	.80000	.79335	-.007	-.831	.77192	.003	1

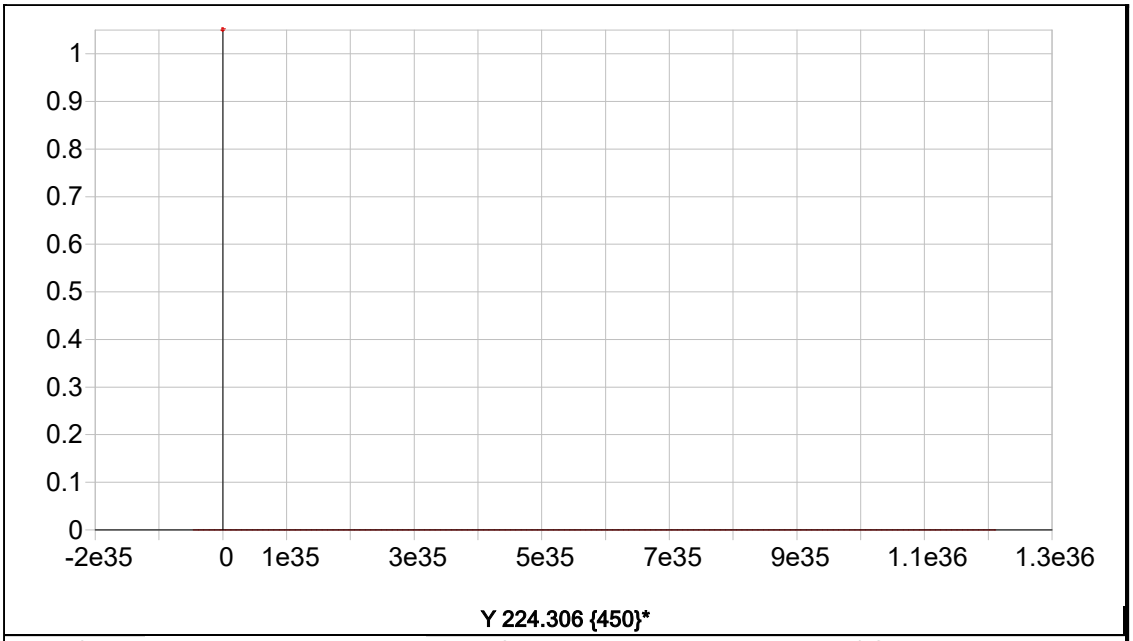


Sr 407.771 { 83}

Date of Fit:	10/23/2025 13:03:18	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.002243	Re-Slope:	1.000000
A1 (Gain):	7.965645	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999601	Status:	OK.
Std Error of Est:	0.005279		
Predicted MDL:	0.000164		
Predicted MQL:	0.000546		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00226	.001	1
S1	.02000	.01938	-.001	-3.12	.15735	.000	1
S3	2.5000	2.3492	-.151	-6.03	18.734	.023	1
S4	5.0000	5.1450	.145	2.90	41.023	.231	1
S5	10.000	10.037	.037	.374	80.033	1.48	1
S2	.80000	.76904	-.031	-3.87	6.1342	.023	1

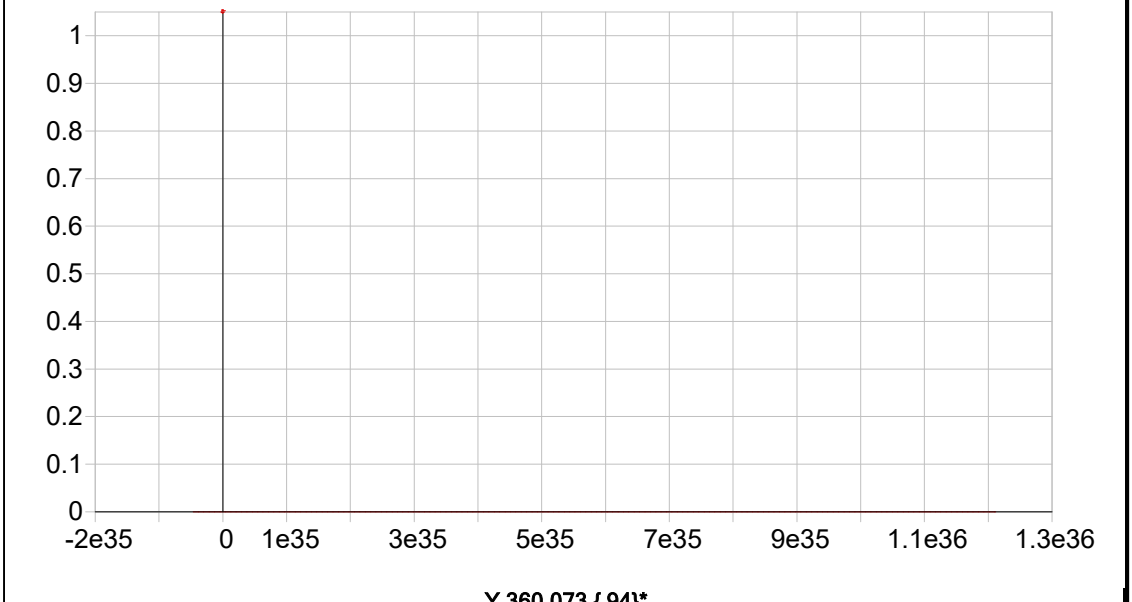


Y 224.306 {450}*

Date of Fit:	10/23/2025 13:03:18	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



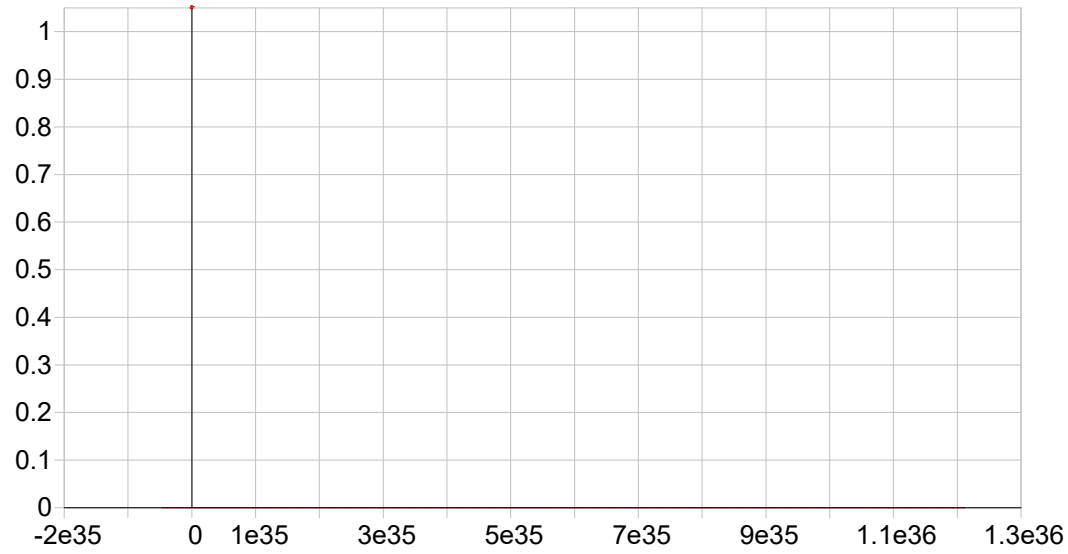
Y 360.073 { 94}*

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

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					

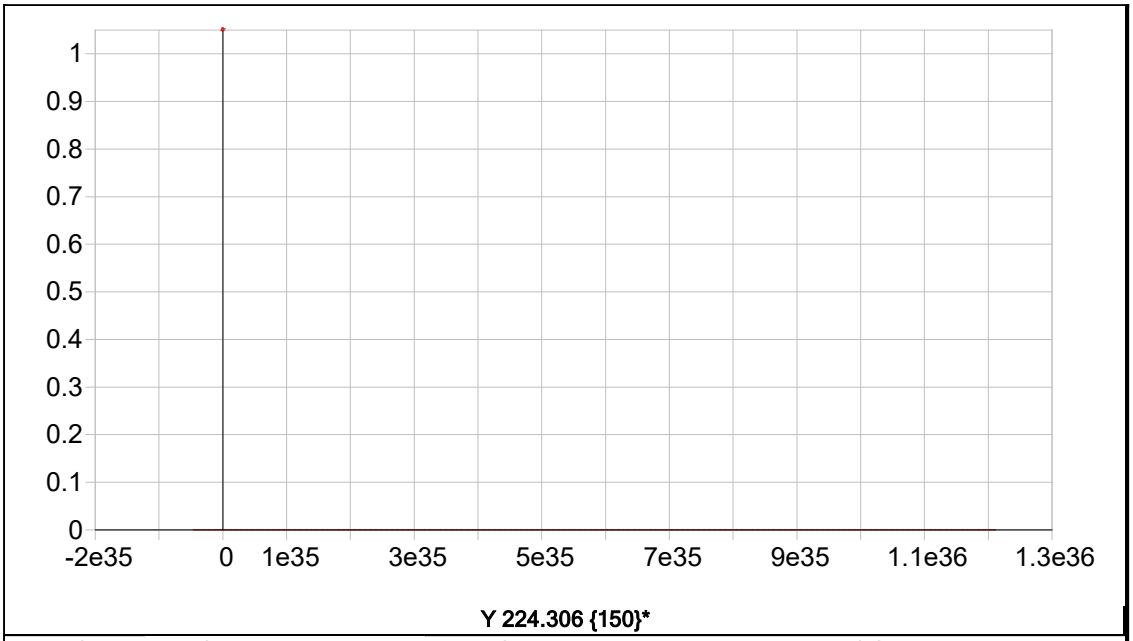
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis



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				

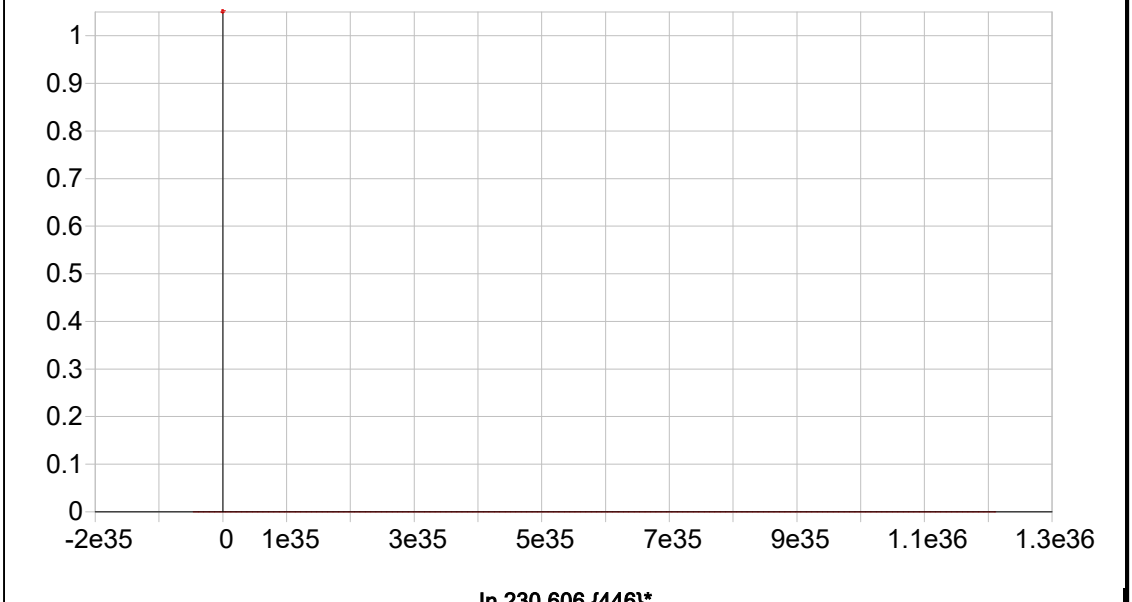
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis



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



ln 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	

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:10/28/2025 3:14:16 PM
Inst Id :P4
LB :LB137630

Sample Name: S0 Acquired: 10/23/2025 12:40:44 Type: Cal
Method: 6010-200.7 NEW(v307) 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**	**.00078**	**-.00028**	**.00071**	**.00097**	**-.00058**	**.12605**	**-.00244**
Stddev	.00017	.00002	.00010	.00008	.00008	.00156	.00268	.00043
%RSD	501.99	2.3849	36.706	11.042	8.0483	269.84	2.1276	17.459
#1	.00012	.00077	-.00039	.00066	.00092	.00119	.12883	-.00196
#2	-.00022	.00080	-.00019	.00068	.00093	-.00176	.12348	-.00257
#3	-.00000	.00076	-.00027	.00080	.00106	-.00118	.12585	-.00279

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	**-.00036**	**.00074**	**.00015**	**.00028**	**.00075**	**.00002**	**.00021**	**.00016**
Stddev	.00017	.00042	.00002	.00025	.00033	.00003	.00043	.00074
%RSD	47.962	56.754	10.927	88.971	43.310	144.75	211.00	462.95
#1	-.00018	.00122	.00016	.00029	.00060	.00000	.00071	-.00069
#2	-.00038	.00044	.00014	.00053	.00053	.00001	-.00007	.00048
#3	-.00052	.00056	.00014	.00003	.00112	.00006	-.00002	.00070

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	**-.00063**	**-.00008**	**.00120**	**.00010**	**.00477**	**-.00101**	**.01625**	**.00064**
Stddev	.00009	.00007	.00008	.00023	.00052	.00014	.00069	.00001
%RSD	14.307	85.399	6.9885	227.14	10.826	13.345	4.2158	2.1335
#1	-.00067	-.00006	.00112	.00007	.00434	-.00110	.01692	.00066
#2	-.00068	-.00016	.00129	.00034	.00534	-.00108	.01628	.00063
#3	-.00052	-.00003	.00119	-.00011	.00464	-.00086	.01555	.00064

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	**.00377**	**.00240**	**.00005**	**-.00101**	**.00188**	**.01261**	**.00226**
Stddev	.00004	.00060	.00002	.00002	.00007	.00119	.00074
%RSD	.93959	25.148	36.492	2.4390	3.8810	9.4397	32.711
#1	.00379	.00294	.00007	-.00103	.00184	.01125	.00311
#2	.00373	.00250	.00004	-.00101	.00185	.01346	.00189
#3	.00379	.00175	.00004	-.00099	.00197	.01311	.00177

Sample Name: S0 Acquired: 10/23/2025 12:40:44 Type: Cal
Method: 6010-200.7 NEW(v307) 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	6579.5	96503.	6143.7	5208.6	8035.6
Stddev	18.8	659.	42.6	25.1	17.6
%RSD	.28525	.68263	.69343	.48224	.21919
#1	6561.8	96963.	6112.6	5229.0	8019.5
#2	6577.6	96798.	6192.3	5216.2	8033.0
#3	6599.2	95748.	6126.3	5180.5	8054.4

Reviewed By:jaswal
On:10/28/2025 3:14:16 PM
Inst Id :P4
LB :LB137630

Sample Name: S1 Acquired: 10/23/2025 12:45:07 Type: Cal
Method: 6010-200.7 NEW(v307) 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	**.00101**	**.00286**	**.00245**	**.00164**	**.00542**	**.00901**	**.29602**	**.07531**
Stddev	.00004	.00009	.00007	.00003	.00019	.00090	.00595	.00041
%RSD	4.3333	3.1387	2.7622	1.6817	3.4621	10.022	2.0100	.54225
#1	.00097	.00295	.00252	.00162	.00551	.00811	.30130	.07574
#2	.00106	.00277	.00239	.00168	.00521	.00992	.29718	.07525
#3	.00100	.00288	.00245	.00163	.00555	.00900	.28957	.07493

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	**.01882**	**.12412**	**.00238**	**.03229**	**.01487**	**.00024**	**.00882**	**.02770**
Stddev	.00032	.00064	.00010	.00014	.00025	.00002	.00011	.00063
%RSD	1.6985	.51449	4.2409	.42426	1.6488	8.5917	1.1982	2.2656
#1	.01847	.12412	.00229	.03244	.01510	.00024	.00888	.02698
#2	.01892	.12349	.00236	.03217	.01490	.00026	.00870	.02806
#3	.01908	.12476	.00249	.03227	.01461	.00022	.00888	.02807

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	**.02400**	**.00184**	**.01266**	**.00479**	**.10285**	**.00527**	**.11020**	**.12610**
Stddev	.00012	.00009	.00009	.00041	.00050	.00023	.00118	.00022
%RSD	.50854	5.0261	.67132	8.6658	.48300	4.3228	1.0743	.17190
#1	.02412	.00175	.01257	.00506	.10303	.00553	.11095	.12621
#2	.02401	.00183	.01268	.00431	.10229	.00511	.11081	.12585
#3	.02388	.00194	.01274	.00499	.10323	.00517	.10883	.12625

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	**.00967**	**.01359**	**.00085**	**-.00009**	**.00233**	**.03054**	**.15735**
Stddev	.00012	.00010	.00002	.00003	.00002	.00208	.00040
%RSD	1.2196	.70293	2.3936	35.478	.70661	6.8144	.25344
#1	.00974	.01370	.00085	-.00012	.00232	.03132	.15777
#2	.00954	.01352	.00087	-.00010	.00233	.02818	.15732
#3	.00974	.01354	.00083	-.00006	.00235	.03212	.15697

Reviewed By:jaswal
On:10/28/2025 3:14:16 PM
Inst Id :P4
LB :LB137630

Sample Name: S1 Acquired: 10/23/2025 12:45:07 Type: Cal
Method: 6010-200.7 NEW(v307) 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	6928.1	100710.	6463.6	5404.1	8273.5
Stddev	18.7	560.	51.0	23.5	22.3
%RSD	.26927	.55648	.78924	.43557	.26961
#1	6937.2	100400.	6424.8	5390.1	8284.2
#2	6906.7	100370.	6444.7	5431.2	8247.8
#3	6940.5	101360.	6521.4	5390.9	8288.4

Reviewed By:jaswal
On:10/28/2025 3:14:16 PM
Inst Id :P4
LB :LB137630

Sample Name: S2 Acquired: 10/23/2025 12:49:18 Type: Cal
Method: 6010-200.7 NEW(v307) 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	**.04167**	**.04879**	**.18163**	**.03879**	**.07571**	**.14589**	**2.9511**	**.52486**
Stddev	.00006	.00052	.00033	.00020	.00016	.00019	.0147	.00230
%RSD	.13520	1.0728	.18097	.51291	.21352	.13305	.49963	.43832
#1	.04163	.04939	.18158	.03885	.07558	.14608	2.9632	.52737
#2	.04174	.04844	.18133	.03857	.07589	.14569	2.9553	.52436
#3	.04165	.04854	.18198	.03895	.07565	.14591	2.9347	.52286

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	**1.3210**	**.25251**	**.03808**	**.44247**	**.14218**	**.00173**	**.17597**	**.05379**
Stddev	.0004	.00033	.00010	.00081	.00021	.00005	.00122	.00036
%RSD	.03316	.13154	.26818	.18418	.14842	2.6661	.69077	.66935
#1	1.3209	.25214	.03808	.44157	.14235	.00177	.17687	.05342
#2	1.3207	.25262	.03797	.44267	.14225	.00175	.17646	.05380
#3	1.3215	.25278	.03818	.44317	.14194	.00168	.17459	.05414

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	**.25599**	**.04204**	**.02441**	**.05300**	**1.0085**	**.01161**	**.81762**	**.53829**
Stddev	.00010	.00011	.00020	.00022	.0027	.00012	.00542	.00096
%RSD	.03935	.26669	.80511	.41282	.27076	1.0332	.66281	.17894
#1	.25588	.04216	.02461	.05324	1.0111	.01167	.82383	.53884
#2	.25601	.04194	.02422	.05282	1.0057	.01147	.81515	.53717
#3	.25607	.04201	.02441	.05292	1.0085	.01168	.81387	.53885

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	**.13344**	**.24782**	**.00194**	**.03799**	**.02595**	**.77192**	**6.1342**
Stddev	.00028	.00101	.00001	.00005	.00006	.00260	.0227
%RSD	.21287	.40865	.66388	.13656	.21950	.33646	.37019
#1	.13356	.24888	.00194	.03801	.02597	.77466	6.1579
#2	.13312	.24686	.00196	.03804	.02589	.77160	6.1322
#3	.13364	.24773	.00194	.03794	.02600	.76949	6.1126

Reviewed By:jaswal
On:10/28/2025 3:14:16 PM
Inst Id :P4
LB :LB137630

Sample Name: S2 Acquired: 10/23/2025 12:49:18 Type: Cal
Method: 6010-200.7 NEW(v307) 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	6582.2	95524.	6166.6	5099.7	7710.0
Stddev	11.6	115.	33.3	5.3	15.6
%RSD	.17655	.11988	.53953	.10442	.20253
#1	6581.0	95547.	6132.7	5094.3	7706.6
#2	6571.3	95400.	6167.8	5099.8	7696.3
#3	6594.4	95626.	6199.2	5104.9	7727.0

Reviewed By:jaswal
On:10/28/2025 3:14:16 PM
Inst Id :P4
LB :LB137630

Sample Name: S3 Acquired: 10/23/2025 12:53:22 Type: Cal
Method: 6010-200.7 NEW(v307) 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	**.12741**	**.14662**	**.56031**	**.11651**	**.22620**	**.45743**	**8.7843**	**1.5909**
Stddev	.00026	.00162	.00142	.00024	.00048	.00107	.0085	.0062
%RSD	.20344	1.1041	.25255	.20243	.21224	.23394	.09672	.39086
#1	.12770	.14481	.56183	.11642	.22599	.45619	8.7925	1.5906
#2	.12733	.14714	.56008	.11678	.22675	.45806	8.7849	1.5848
#3	.12720	.14792	.55903	.11634	.22587	.45803	8.7756	1.5972

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	**4.1568**	**.76840**	**.11485**	**1.3690**	**.42670**	**.00518**	**.53017**	**.16375**
Stddev	.0066	.00172	.00019	.0020	.00278	.00004	.00045	.00090
%RSD	.15991	.22408	.16575	.14605	.65069	.75651	.08394	.55010
#1	4.1638	.76841	.11466	1.3713	.42471	.00520	.52966	.16479
#2	4.1505	.77012	.11505	1.3675	.42551	.00520	.53045	.16328
#3	4.1562	.76667	.11485	1.3682	.42987	.00513	.53041	.16318

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	**.79004**	**.12635**	**.07133**	**.16337**	**3.0512**	**.03742**	**2.4654**	**1.6198**
Stddev	.00165	.00025	.00046	.00112	.0077	.00008	.0087	.0017
%RSD	.20826	.19394	.64420	.68376	.25352	.21523	.35409	.10615
#1	.79129	.12607	.07134	.16273	3.0437	.03751	2.4659	1.6217
#2	.78817	.12650	.07178	.16272	3.0507	.03739	2.4564	1.6192
#3	.79065	.12649	.07087	.16466	3.0591	.03735	2.4738	1.6184

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	**.40187**	**.75292**	**.00562**	**.12260**	**.07857**	**2.2916**	**18.734**
Stddev	.00093	.00160	.00001	.00022	.00006	.0013	.023
%RSD	.23034	.21268	.19712	.17991	.08065	.05609	.12439
#1	.40274	.75393	.00562	.12270	.07851	2.2906	18.760
#2	.40090	.75375	.00563	.12235	.07858	2.2931	18.728
#3	.40197	.75107	.00561	.12275	.07863	2.2912	18.715

Reviewed By:jaswal
On:10/28/2025 3:14:16 PM
Inst Id :P4
LB :LB137630

Sample Name: S3 Acquired: 10/23/2025 12:53:22 Type: Cal
Method: 6010-200.7 NEW(v307) 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	6882.8	100090.	6472.5	5349.7	7760.7
Stddev	19.9	334.	4.8	13.5	31.9
%RSD	.28862	.33358	.07456	.25274	.41050
#1	6861.2	100200.	6476.8	5363.2	7727.6
#2	6900.3	99721.	6473.4	5336.1	7791.2
#3	6886.9	100360.	6467.3	5349.9	7763.4

Sample Name: S4 Acquired: 10/23/2025 12:57:19 Type: Cal
Method: 6010-200.7 NEW(v307) 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	**.27380**	**.30750**	**1.2196**	**.24639**	**.48006**	**.98851**	**19.291**	**3.3584**
Stddev	.00091	.00230	.0037	.00112	.00173	.00084	.048	.0293
%RSD	.33248	.74733	.30653	.45570	.36036	.08483	.24631	.87284
#1	.27458	.30774	1.2230	.24741	.48132	.98899	19.238	3.3878
#2	.27401	.30967	1.2203	.24656	.48077	.98754	19.305	3.3580
#3	.27280	.30509	1.2156	.24519	.47808	.98899	19.330	3.3292

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	**9.0945**	**1.6582**	**.24247**	**2.9992**	**.89779**	**.01138**	**1.1549**	**.35171**
Stddev	.0154	.0031	.00065	.0079	.00191	.00007	.0012	.00149
%RSD	.16981	.18676	.26827	.26277	.21279	.60125	.09996	.42499
#1	9.1095	1.6546	.24320	3.0056	.89928	.01135	1.1543	.35339
#2	9.0954	1.6602	.24197	3.0017	.89845	.01134	1.1542	.35121
#3	9.0786	1.6597	.24223	2.9904	.89563	.01146	1.1563	.35053

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	**1.7243**	**.26909**	**.15947**	**.35692**	**6.5285**	**.08422**	**5.2237**	**3.4437**
Stddev	.0037	.00095	.00170	.00100	.0056	.00085	.0461	.0106
%RSD	.21325	.35446	1.0684	.28153	.08514	1.0050	.88326	.30712
#1	1.7270	.26987	.15769	.35690	6.5339	.08333	5.2671	3.4545
#2	1.7257	.26936	.15965	.35793	6.5287	.08431	5.2286	3.4433
#3	1.7201	.26803	.16108	.35592	6.5228	.08501	5.1752	3.4334

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	**.87198**	**1.6443**	**.01223**	**.27539**	**.17298**	**4.9611**	**41.023**
Stddev	.00288	.0050	.00012	.00061	.00084	.0150	.231
%RSD	.32985	.30432	.96587	.22237	.48402	.30256	.56410
#1	.87514	1.6393	.01219	.27558	.17393	4.9466	41.160
#2	.87128	1.6442	.01213	.27471	.17235	4.9600	41.154
#3	.86951	1.6493	.01236	.27589	.17265	4.9766	40.756

Sample Name: S4 Acquired: 10/23/2025 12:57:19 Type: Cal
Method: 6010-200.7 NEW(v307) 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	6320.1	92580.	6041.4	4945.5	6883.6
Stddev	4.5	339.	52.6	33.9	8.7
%RSD	.07172	.36645	.87014	.68452	.12698
#1	6325.1	92404.	5980.9	4924.8	6891.2
#2	6318.7	92971.	6076.3	4984.5	6885.5
#3	6316.4	92366.	6066.9	4927.1	6874.0

Reviewed By:jaswal
On:10/28/2025 3:14:16 PM
Inst Id :P4
LB :LB137630

Sample Name: S5 Acquired: 10/23/2025 13:01:22 Type: Cal
Method: 6010-200.7 NEW(v307) 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	**.53236**	**.60591**	**2.4213**	**.47444**	**.93631**	**1.8790**	**37.639**	**6.3922**
Stddev	.00124	.00356	.0021	.00093	.00128	.0049	.539	.0567
%RSD	.23291	.58677	.08454	.19551	.13688	.26054	1.4333	.88636
#1	.53181	.60251	2.4204	.47350	.93493	1.8763	38.146	6.4549
#2	.53378	.60960	2.4237	.47536	.93746	1.8760	37.699	6.3769
#3	.53150	.60564	2.4199	.47447	.93653	1.8847	37.072	6.3448

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	**18.034**	**3.2096**	**.45883**	**5.9847**	**1.7337**	**.02251**	**2.2452**	**.68004**
Stddev	.035	.0047	.00142	.0096	.0027	.00012	.0101	.00166
%RSD	.19286	.14693	.31051	.15993	.15873	.51830	.44818	.24438
#1	18.034	3.2145	.46047	5.9792	1.7336	.02245	2.2569	.67970
#2	18.069	3.2050	.45791	5.9957	1.7365	.02244	2.2394	.68185
#3	17.999	3.2092	.45810	5.9791	1.7310	.02265	2.2395	.67858

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	**3.4318**	**.52231**	**.31603**	**.69052**	**12.428**	**.16840**	**10.047**	**6.6896**
Stddev	.0048	.00149	.00204	.00235	.050	.00078	.097	.0161
%RSD	.14097	.28623	.64643	.34079	.40396	.46302	.96061	.24048
#1	3.4291	.52401	.31600	.69319	12.485	.16827	10.155	6.6906
#2	3.4374	.52123	.31400	.68874	12.402	.16769	10.013	6.7051
#3	3.4289	.52168	.31808	.68964	12.395	.16924	9.9717	6.6730

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	**1.7265**	**3.1961**	**.02412**	**.55157**	**.34810**	**9.5420**	**80.033**
Stddev	.0031	.0112	.00026	.00204	.00114	.0518	1.480
%RSD	.18127	.34886	1.0707	.36904	.32683	.54268	1.8493
#1	1.7244	3.2064	.02385	.55112	.34714	9.5854	81.524
#2	1.7301	3.1843	.02414	.55379	.34935	9.4847	78.564
#3	1.7249	3.1975	.02437	.54979	.34780	9.5559	80.012

Reviewed By:jaswal
On:10/28/2025 3:14:16 PM
Inst Id :P4
LB :LB137630

Sample Name: S5 Acquired: 10/23/2025 13:01:22 Type: Cal
Method: 6010-200.7 NEW(v307) 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	6231.9	92124.	6060.2	4924.2	6586.8
Stddev	23.5	204.	43.0	2.9	24.9
%RSD	.37679	.22168	.71018	.05801	.37868
#1	6206.0	92193.	6023.2	4926.9	6558.7
#2	6237.9	91894.	6050.1	4924.6	6595.7
#3	6251.8	92285.	6107.5	4921.2	6606.2

Reviewed By:jaswal
On:10/28/2025 3:14:16 PM
Inst Id :P4
LB :LB137630

Sample Name: ICV01 Acquired: 10/23/2025 13:05:33 Type: Unk
Method: 6010-200.7 NEW(v307) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**3.866076**	**3.802424**	**3.901426**	**3.914599**	**3.988353**	**7.587342**
Stddev	.010145	.125738	.003862	.006165	.008328	.046325
%RSD	.2624070	3.306790	.0989873	.1574994	.2088142	.6105607
#1	3.876510	3.795615	3.905744	3.920694	3.993697	7.569077
#2	3.856247	3.931428	3.900232	3.914737	3.978757	7.640016
#3	3.865472	3.680228	3.898302	3.908365	3.992605	7.552933

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**7.690743**	**.1951466**	**2.052611**	**19.21695**	**.7995925**	**1.939992**
Stddev	.056471	.0026230	.000656	.10185	.0004718	.000837
%RSD	.7342715	1.344096	.0319757	.5299906	.0590056	.0431537
#1	7.704118	.1957367	2.052981	19.24125	.7996528	1.940906
#2	7.739325	.1974242	2.052999	19.30445	.7990935	1.939263
#3	7.628785	.1922788	2.051853	19.10515	.8000313	1.939807

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.9952588**	**3.981257**	**1.918558**	**19.09287**	**1.941461**	**1.009842**
Stddev	.0009503	.014807	.014683	.08043	.001223	.001709
%RSD	.0954877	.3719104	.7653175	.4212673	.0630183	.1692735
#1	.9956639	3.980880	1.925902	19.13564	1.942808	1.007977
#2	.9941731	3.966643	1.928121	19.14288	1.940417	1.011335
#3	.9959395	3.996249	1.901652	19.00009	1.941159	1.010215

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**18.86060**	**1.916295**	**1.971752**	**19.45425**	**3.839679**	**3.951701**
Stddev	.10515	.010074	.000964	.17173	.056749	.004431
%RSD	.5574955	.5256932	.0488865	.8827463	1.477955	.1121400
#1	18.84912	1.911586	1.970711	19.34305	3.847657	3.956792
#2	18.76167	1.927861	1.972613	19.36766	3.892017	3.948709
#3	18.97102	1.909437	1.971932	19.65204	3.779364	3.949601

Sample Name: ICV01 Acquired: 10/23/2025 13:05:33 Type: Unk
Method: 6010-200.7 NEW(v307) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**3.869728**	**3.846216**	**3.670549**	F **.0054194**	F **.0218263**	F **-.000631**
Stddev	.005172	.024129	.036888	.0006272	.0018019	.000686
%RSD	.1336545	.6273318	1.004977	11.57414	8.255665	108.6345
#1	3.875474	3.846099	3.661324	.0059642	.0221755	-.000174
#2	3.868263	3.870402	3.639149	.0047337	.0234281	-.000300
#3	3.865446	3.822146	3.711174	.0055603	.0198754	-.001420

Elem	Sr4077
Units	ppm
Avg	F **-.003311**
Stddev	.000213
%RSD	6.435231
#1	-.003248
#2	-.003138
#3	-.003549

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6568.869**	**95172.21**	**6425.551**	**5104.786**	**7265.366**
Stddev	16.080	186.33	81.858	19.456	16.326
%RSD	.2447929	.1957847	1.273942	.3811307	.2247121
#1	6554.308	95058.96	6389.333	5083.758	7249.231
#2	6586.127	95387.26	6368.051	5122.149	7281.877
#3	6566.171	95070.40	6519.270	5108.451	7264.991

Sample Name: LLICV01 Acquired: 10/23/2025 13:14:59 Type: Unk
Method: 6010-200.7 NEW(v307) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0220684**	**.0405383**	**.0131654**	**.0235994**	**.0517000**	**.0931972**	**.0986856**
Stddev	.0009265	.0020658	.0002791	.0012696	.0005500	.0033174	.0019852
%RSD	4.198150	5.095823	2.120291	5.379620	1.063898	3.559531	2.011669
#1	.0228532	.0411371	.0134652	.0225244	.0517423	.0965431	.0996471
#2	.0210464	.0422386	.0131183	.0250001	.0511301	.0899090	.0964027
#3	.0223056	.0382393	.0129129	.0232738	.0522277	.0931397	.1000070

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0064843**	**.0059482**	**2.065779**	**.0109909**	**.0299164**	**.0225375**	**.1079570**
Stddev	.0000596	.0000950	.006905	.0000801	.0002589	.0002733	.0179798
%RSD	.9194055	1.597320	.3342755	.7290737	.8655089	1.212670	16.65464
#1	.0065486	.0060567	2.060529	.0110752	.0298996	.0224375	.0937584
#2	.0064309	.0059080	2.073601	.0109157	.0301833	.0223282	.1019385
#3	.0064733	.0058799	2.063206	.0109818	.0296662	.0228467	.1281740

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0220851**	**2.120763**	**.0398137**	**.0106521**	**1.894021**	**.0363424**	**.0434643**
Stddev	.0001984	.012442	.0002147	.0002001	.018983	.0016120	.0002293
%RSD	.8984061	.5866945	.5392933	1.878002	1.002258	4.435538	.5275075
#1	.0220388	2.134552	.0400127	.0106955	1.896073	.0380802	.0433755
#2	.0219139	2.117364	.0395861	.0108268	1.911895	.0348960	.0432926
#3	.0223026	2.110374	.0398423	.0104339	1.874095	.0360509	.0437246

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.035460**	**.1063450**	**.2028426**	**.0394374**	**.0378589**	**.3916599**	**.0185728**
Stddev	.050248	.0019350	.0010564	.0003059	.0021421	.0064948	.0005656
%RSD	2.468645	1.819559	.5208077	.7755927	5.658004	1.658279	3.045466
#1	1.978697	.1082059	.2039064	.0390848	.0393814	.3900780	.0185017
#2	2.074252	.1064855	.2028275	.0396310	.0387858	.3861022	.0180461
#3	2.053430	.1043435	.2017938	.0395966	.0354095	.3987996	.0191707

Reviewed By:jaswal
On:10/28/2025 3:14:16 PM
Inst Id :P4
LB :LB137630

Sample Name: LLICV01 Acquired: 10/23/2025 13:14:59 Type: Unk
Method: 6010-200.7 NEW(v307) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0229814	.0193399	.0207061
Stddev	.0030768	.0025737	.0001143
%RSD	13.38807	13.30784	.5519188
#1	.0223530	.0181666	.0207407
#2	.0202673	.0222912	.0205786
#3	.0263238	.0175619	.0207991

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6578.859	95392.25	6332.272	5076.155	7834.666
Stddev	3.714	169.59	45.686	13.974	18.239
%RSD	.0564470	.1777818	.7214777	.2752937	.2327998
#1	6578.781	95557.15	6281.632	5068.433	7817.616
#2	6582.611	95218.33	6370.394	5092.286	7853.898
#3	6575.185	95401.27	6344.789	5067.746	7832.484

Sample Name: ICB01 Acquired: 10/23/2025 13:20:19 Type: Unk
Method: 6010-200.7 NEW(v307) 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	.0005296	.0000942	-.000320	-.001790	.0002685	.0118962	-.001489
Stddev	.0004937	.0017940	.000574	.001250	.0020319	.0063940	.000756
%RSD	93.22955	1904.508	179.3296	69.80191	756.7468	53.74809	50.73009
#1	.0010397	-.001627	-.000675	-.002234	-.001953	.0070436	-.000816
#2	.0000541	-.000044	.000342	-.000379	.000727	.0191415	-.001346
#3	.0004950	.001953	-.000627	-.002757	.002032	.0095036	-.002306

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000560	-.000007	.0080211	.0002164	.0001119	.0002510	.0255058
Stddev	.0001017	.000008	.0095378	.0001694	.0001368	.0000927	.0013769
%RSD	181.7023	108.2280	118.9090	78.25450	122.2171	36.93919	5.398226
#1	.0001540	-.000016	-.002980	.0003122	.0000560	.0001445	.0241804
#2	-.000049	-.000001	.013967	.0000209	.0000119	.0003136	.0269289
#3	.000063	-.000005	.013076	.0003162	.0002678	.0002948	.0254079

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007160	-.011501	.0061913	.0004313	-.042818	-.001579	.0008832
Stddev	.0009366	.021722	.0001450	.0001799	.022550	.001165	.0001545
%RSD	130.8028	188.8759	2.341130	41.72219	52.66471	73.80438	17.49330
#1	.0017592	-.032173	.0060412	.0004654	-.041371	-.000242	.0009121
#2	.0004418	.011138	.0063304	.0005917	-.021026	-.002115	.0007163
#3	-.000053	-.013468	.0062024	.0002367	-.066056	-.002379	.0010212

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.062450	.0015214	.0001953	.0022240	-.002245	.0176759	.0000334
Stddev	.024388	.0005770	.0000307	.0001407	.003048	.0036754	.0005269
%RSD	39.05207	37.92344	15.71179	6.324005	135.7686	20.79308	1576.535
#1	-.086248	.0011337	.0001828	.0022759	-.004930	.0175626	.0003528
#2	-.063589	.0021845	.0002303	.0023313	-.002873	.0140585	.0003222
#3	-.037512	.0012461	.0001729	.0020648	.001068	.0214067	-.000575

Reviewed By:jaswal
On:10/28/2025 3:14:16 PM
Inst Id :P4
LB :LB137630

Sample Name: ICB01 Acquired: 10/23/2025 13:20:19 Type: Unk
Method: 6010-200.7 NEW(v307) 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	-.002549	-.000284	-.000151
Stddev	.000662	.002193	.000060
%RSD	25.97210	771.9399	39.83743
#1	-.001860	-.002683	-.000082
#2	-.002607	.000215	-.000174
#3	-.003181	.001616	-.000195

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6729.716	98256.62	6334.957	5288.510	8227.433
Stddev	13.088	626.62	20.058	30.888	16.024
%RSD	.1944769	.6377398	.3166314	.5840643	.1947691
#1	6722.493	97642.76	6348.095	5253.057	8215.043
#2	6721.832	98231.82	6311.868	5309.617	8221.727
#3	6744.824	98895.27	6344.907	5302.855	8245.530

Sample Name: CRI01 Acquired: 10/23/2025 13:24:38 Type: Unk
Method: 6010-200.7 NEW(v307) 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	**.0219775**	**.0420193**	**.0108489**	**.0194927**	**.0489973**	**.0933278**	**.0928359**
Stddev	.0012301	.0024292	.0007491	.0017051	.0003446	.0164026	.0007426
%RSD	5.596974	5.781051	6.904584	8.747553	.7033021	17.57528	.7999601
#1	.0231249	.0419950	.0110167	.0192899	.0487190	.0746878	.0936698
#2	.0206788	.0444606	.0100302	.0178980	.0488901	.1055562	.0922457
#3	.0221289	.0396024	.0114999	.0212901	.0493828	.0997393	.0925923

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0064135**	**.0056934**	**2.051009**	**.0102161**	**.0289321**	**.0211084**	**.1085419**
Stddev	.0000435	.0000620	.007309	.0001503	.0002190	.0001632	.0101387
%RSD	.6779475	1.089598	.3563543	1.471536	.7569697	.7732802	9.340793
#1	.0064613	.0057492	2.042928	.0101250	.0290078	.0212934	.0972183
#2	.0063764	.0057044	2.057158	.0101336	.0291032	.0210471	.1167776
#3	.0064026	.0056266	2.052941	.0103896	.0286853	.0209847	.1116296

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0207299**	**2.103450**	**.0388891**	**.0101705**	**1.819770**	**.0373324**	**.0426095**
Stddev	.0004211	.023722	.0005371	.0007034	.016677	.0014225	.0005791
%RSD	2.031177	1.127777	1.381143	6.916051	.9164284	3.810331	1.359112
#1	.0210115	2.087671	.0394334	.0107429	1.832592	.0369312	.0431791
#2	.0209322	2.091947	.0388744	.0093853	1.800917	.0361536	.0426281
#3	.0202458	2.130730	.0383595	.0103835	1.825802	.0389124	.0420214

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.905679**	**.1021374**	**.1964854**	**.0377840**	**.0357767**	**.3646863**	**.0188379**
Stddev	.010811	.0013164	.0018118	.0004454	.0008115	.0107430	.0014031
%RSD	.5673249	1.288828	.9220955	1.178800	2.268085	2.945807	7.448510
#1	1.893467	.1033423	.1982978	.0380215	.0366892	.3523930	.0203222
#2	1.914028	.1023376	.1964844	.0380603	.0355048	.3722708	.0186584
#3	1.909542	.1007324	.1946742	.0372702	.0351361	.3693952	.0175332

Sample Name: CRI01 Acquired: 10/23/2025 13:24:38 Type: Unk
Method: 6010-200.7 NEW(v307) 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	.0163875	.0190442	.0205355
Stddev	.0032953	.0018120	.0001436
%RSD	20.10871	9.514593	.6993263
#1	.0154961	.0172852	.0206752
#2	.0200369	.0209049	.0205432
#3	.0136297	.0189426	.0203882

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6716.814	97165.04	6222.907	5242.696	7988.590
Stddev	61.934	521.69	43.008	10.356	67.805
%RSD	.9220745	.5369106	.6911186	.1975341	.8487724
#1	6648.772	96749.15	6193.825	5234.612	7914.858
#2	6731.767	96995.59	6202.587	5254.369	8002.648
#3	6769.903	97750.40	6272.310	5239.106	8048.264

Sample Name: ICSA01 Acquired: 10/23/2025 13:28:48 Type: Unk
Method: 6010-200.7 NEW(v307) 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	**.0088341**	**.0131088**	**-.002090**	**.0045055**	**-.003698**	**245.2416**
Stddev	.0017642	.0037820	.001690	.0017938	.002929	.5181
%RSD	19.97084	28.85055	80.85409	39.81372	79.21214	.2112594
#1	.0084410	.0131731	-.000448	.0062002	-.006756	245.6055
#2	.0072995	.0092950	-.001998	.0026268	-.003419	244.6484
#3	.0107617	.0168581	-.003825	.0046895	-.000918	245.4709

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0024475**	**.0018293**	**-.000071**	**235.6037**	**.0484827**	**.0019161**
Stddev	.0014866	.0001693	.000096	.3274	.0003188	.0001161
%RSD	60.74145	9.252619	136.2744	.1389594	.6575901	6.060015
#1	.0036369	.0016524	.000037	235.8835	.0482428	.0020297
#2	.0007809	.0018456	-.000102	235.2437	.0488445	.0017976
#3	.0029246	.0019898	-.000147	235.6840	.0483608	.0019210

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0123472**	**102.5487**	**.0064757**	**248.8846**	**.0039578**	**-.002449**
Stddev	.0004359	.4041	.0001470	.4171	.0001274	.000805
%RSD	3.530276	.3940496	2.269797	.1675960	3.219504	32.87092
#1	.0127400	102.2432	.0063517	249.1107	.0039077	-.001907
#2	.0124235	102.3960	.0064374	248.4033	.0038630	-.002067
#3	.0118782	103.0069	.0066380	249.1399	.0041026	-.003374

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1304824**	**-.000280**	**.0035495**	**.1625024**	**.0533844**	**.0008576**
Stddev	.0350163	.001299	.0005094	.0234942	.0028098	.0001120
%RSD	26.83601	464.2807	14.35089	14.45773	5.263379	13.05792
#1	.0900957	-.000551	.0041317	.1353829	.0512134	.0007320
#2	.1489944	-.001422	.0031858	.1766732	.0523819	.0008937
#3	.1523570	.001134	.0033311	.1754512	.0565580	.0009470

Sample Name: ICSA01 Acquired: 10/23/2025 13:28:48 Type: Unk
Method: 6010-200.7 NEW(v307) 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	-.000519	-.002899	.0451378	.0027868	.0066891	F -.026300
Stddev	.000767	.001551	.0002940	.0023527	.0018129	.001928
%RSD	147.7780	53.49341	.6513576	84.42102	27.10217	7.332235
#1	.000309	-.004545	.0449587	.0046919	.0083186	-.028187
#2	-.001204	-.001465	.0454771	.0035116	.0047363	-.024333
#3	-.000661	-.002687	.0449777	.0001571	.0070125	-.026382

Elem	Sr4077
Units	ppm
Avg	-.000623
Stddev	.000572
%RSD	91.89457
#1	-.000119
#2	-.000504
#3	-.001245

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5952.018	83913.25	6051.858	4568.999	6141.936
Stddev	7.167	403.30	17.776	12.774	7.632
%RSD	.1204166	.4806136	.2937342	.2795762	.1242574
#1	5943.893	84375.16	6050.768	4581.338	6133.703
#2	5957.443	83733.55	6034.651	4555.831	6148.775
#3	5954.719	83631.04	6070.154	4569.827	6143.329

Reviewed By:jaswal
On:10/28/2025 3:14:16 PM
Inst Id :P4
LB :LB137630

Sample Name: ICSAB01 Acquired: 10/23/2025 13:39:03 Type: Unk
Method: 6010-200.7 NEW(v307) 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	**.1069196**	**.1188784**	**.0459839**	**.0557068**	**.5929249**	**242.8809**
Stddev	.0026505	.0088720	.0016468	.0053648	.0054919	1.8880
%RSD	2.479006	7.463095	3.581351	9.630347	.9262379	.7773561
#1	.1038882	.1250543	.0471935	.0618870	.5948597	242.0541
#2	.1088006	.1228690	.0441084	.0529838	.5971875	245.0413
#3	.1080699	.1087119	.0466498	.0522497	.5867274	241.5472

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4834753**	**.5110374**	**.9940922**	**233.2937**	**.5500706**	**.4985059**
Stddev	.0035278	.0016692	.0019309	1.6903	.0023845	.0006485
%RSD	.7296765	.3266244	.1942380	.7245396	.4334843	.1300855
#1	.4809747	.5124629	.9951034	232.7163	.5520213	.4992535
#2	.4875105	.5114480	.9953074	235.1970	.5507779	.4981700
#3	.4819407	.5092012	.9918657	231.9677	.5474124	.4980943

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4849581**	**100.6699**	**.4887478**	**245.6731**	**.9928133**	**.2062812**
Stddev	.0001638	.3977	.0040339	1.6958	.0015852	.0010455
%RSD	.0337800	.3950645	.8253580	.6902653	.1596642	.5068139
#1	.4851049	100.5675	.4879433	245.4662	.9939873	.2061214
#2	.4849879	101.1088	.4931234	247.4629	.9934425	.2073973
#3	.4847814	100.3334	.4851768	244.0903	.9910102	.2053247

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0468090**	**.4789464**	**1.031718**	**-.086307**	**.9717820**	**.9592830**
Stddev	.0380863	.0044282	.002615	.029359	.0023148	.0030436
%RSD	81.36522	.9245673	.2534227	34.01680	.2382025	.3172787
#1	.0576739	.4810683	1.034602	-.073654	.9736038	.9614542
#2	.0782824	.4819144	1.031050	-.065396	.9725650	.9605907
#3	.0044709	.4738566	1.029503	-.119871	.9691773	.9558041

Sample Name: ICSAB01 Acquired: 10/23/2025 13:39:03 Type: Unk
Method: 6010-200.7 NEW(v307) 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	.9742535	.9419990	1.016974	F .0071773	F .0112900	F -.027263
Stddev	.0030083	.0043421	.004631	.0017008	.0021500	.000120
%RSD	.3087771	.4609406	.4553804	23.69680	19.04346	.4397281
#1	.9774480	.9429937	1.012366	.0069922	.0136826	-.027310
#2	.9738378	.9457575	1.021627	.0089632	.0095198	-.027351
#3	.9714747	.9372459	1.016930	.0055767	.0106677	-.027126

Elem	Sr4077
Units	ppm
Avg	F .0003776
Stddev	.0004116
%RSD	108.9979
#1	.0002352
#2	.0008415
#3	.0000561

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6083.062	85850.69	6146.641	4683.993	6269.210
Stddev	13.054	561.81	42.065	29.393	9.212
%RSD	.2145904	.6544030	.6843499	.6275144	.1469415
#1	6084.947	85235.08	6099.461	4651.270	6266.863
#2	6069.168	86335.69	6180.227	4708.154	6261.399
#3	6095.070	85981.30	6160.236	4692.555	6279.369

Sample Name: ICSA01DLX20 Acquired: 10/23/2025 13:43:44 Type: Unk
Method: 6010-200.7 NEW(v307) 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	**.0006053**	**.0017756**	**-.000014**	**.0001186**	**-.001670**	**13.13309**	**-.003344**
Stddev	.0017482	.0017335	.001274	.0013030	.000837	.07161	.002255
%RSD	288.8374	97.63110	8920.624	1098.766	50.12418	.5452813	67.42191
#1	.0015946	.0012735	-.001401	.0007337	-.002459	13.08470	-.005660
#2	.0016345	.0037047	.000255	-.001378	-.001760	13.21536	-.001155
#3	-.001413	.0003485	.001104	.001000	-.000792	13.09922	-.003218

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0001500**	**-.000076**	**13.04513**	**.0025144**	**.0000131**	**.0009619**	**5.330757**
Stddev	.0000921	.000053	.07067	.0000930	.0000626	.0002457	.069624
%RSD	61.38854	70.02709	.5417303	3.698231	478.8376	25.54188	1.306081
#1	.0001106	-.000117	13.02841	.0024187	-.000055	.0012187	5.318780
#2	.0002551	-.000016	13.12267	.0026044	.000025	.0009380	5.267899
#3	.0000841	-.000095	12.98433	.0025203	.000069	.0007290	5.405593

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0002706**	**13.55965**	**-.000131**	**.0003044**	**-.069446**	**-.002284**	**.0000166**
Stddev	.0006992	.05822	.000281	.0005593	.005883	.002474	.0001234
%RSD	258.4070	.4293325	214.0108	183.7690	8.471897	108.3225	741.5273
#1	.0002736	13.56678	-.000378	.0002378	-.062760	-.001738	.0001536
#2	-.000430	13.61397	.000175	-.000219	-.073833	-.004986	-.000086
#3	.000968	13.49819	-.000191	.000894	-.071744	-.000128	-.000018

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.167635**	**-.003845**	**.0001069**	**.0005948**	**.0008343**	**.0149793**	**.0004825**
Stddev	.022245	.000352	.0000776	.0003791	.0021003	.0107065	.0005549
%RSD	13.27015	9.159192	72.63344	63.73510	251.7597	71.47523	114.9913
#1	-.144750	-.003728	.0001960	.0004467	.0013342	.0124842	.0002444
#2	-.168976	-.004240	.0000703	.0003122	-.001471	.0057407	.0011168
#3	-.189180	-.003565	.0000542	.0010257	.002640	.0267130	.0000865

Sample Name: ICSA01DLX20 Acquired: 10/23/2025 13:43:44 Type: Unk
Method: 6010-200.7 NEW(v307) 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	.0012866	-.005942	.0002274
Stddev	.0011891	.002460	.0001549
%RSD	92.42440	41.39408	68.08394
#1	.0018212	-.004648	.0003836
#2	-.000076	-.008779	.0002247
#3	.002115	-.004400	.0000740

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6570.499	94788.25	6260.784	5139.425	7618.516
Stddev	12.382	132.31	89.170	21.117	12.909
%RSD	.1884526	.1395869	1.424257	.4108884	.1694416
#1	6557.950	94742.87	6242.040	5121.977	7607.978
#2	6570.841	94684.61	6182.477	5133.398	7614.655
#3	6582.707	94937.29	6357.836	5162.901	7632.915

Reviewed By:jaswal
On:10/28/2025 3:14:16 PM
Inst Id :P4
LB :LB137630

Sample Name: ICSAB01DLX20 Acquired: 10/23/2025 13:47:58 Type: Unk
Method: 6010-200.7 NEW(v307) 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	**.0055668**	**.0067389**	**.0035411**	**.0017585**	**.0283802**	**12.17597**	**.0244147**
Stddev	.0020409	.0056800	.0006547	.0018365	.0012544	.00879	.0002926
%RSD	36.66261	84.28638	18.48708	104.4334	4.419835	.0721964	1.198647
#1	.0047298	.0017982	.0035206	.0025828	.0270215	12.17740	.0241196
#2	.0040774	.0054737	.0042058	-.000346	.0286249	12.16655	.0247048
#3	.0078932	.0129448	.0028970	.003038	.0294942	12.18395	.0244196

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0258758**	**.0470456**	**12.01675**	**.0279634**	**.0237572**	**.0259933**	**4.795457**
Stddev	.0000705	.0001041	.04655	.0000614	.0000232	.0003885	.013063
%RSD	.2722499	.2212377	.3873575	.2195421	.0978010	1.494688	.2724087
#1	.0258145	.0469329	11.96474	.0280251	.0237821	.0256143	4.809911
#2	.0259528	.0470659	12.05451	.0279023	.0237536	.0263907	4.791964
#3	.0258602	.0471381	12.03099	.0279627	.0237360	.0259748	4.784495

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0250752**	**12.55158**	**.0476464**	**.0101508**	**-.083306**	**.0220809**	**.0506634**
Stddev	.0001712	.03937	.0003408	.0003440	.022329	.0060033	.0000900
%RSD	.6825432	.3136662	.7152959	3.388676	26.80304	27.18766	.1776476
#1	.0248862	12.53830	.0473301	.0103739	-.109042	.0269330	.0505673
#2	.0252197	12.52056	.0476016	.0103238	-.071795	.0153674	.0507457
#3	.0251198	12.59587	.0480073	.0097546	-.069083	.0239423	.0506772

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.173382**	**.0439254**	**.0505895**	**.0481751**	**.0451123**	**.0475567**	**-.000238**
Stddev	.046775	.0004948	.0000931	.0000775	.0002032	.0046289	.000650
%RSD	26.97790	1.126369	.1839881	.1608518	.4504644	9.733464	273.0534
#1	-.144890	.0434454	.0505030	.0482637	.0450280	.0489360	-.000978
#2	-.147891	.0444337	.0505776	.0481417	.0453441	.0423949	.000239
#3	-.227365	.0438970	.0506880	.0481199	.0449648	.0513392	.000025

Reviewed By:jaswal
On:10/28/2025 3:14:16 PM
Inst Id :P4
LB :LB137630

Sample Name: ICSAB01DLX20 Acquired: 10/23/2025 13:47:58 Type: Unk
Method: 6010-200.7 NEW(v307) 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	.0030496	-.003899	.0002789
Stddev	.0016779	.001834	.0000791
%RSD	55.02018	47.02623	28.36729
#1	.0035354	-.002169	.0003041
#2	.0044310	-.003706	.0001903
#3	.0011824	-.005821	.0003425

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6566.221	95959.69	6261.932	5141.774	7628.183
Stddev	12.213	392.85	22.695	36.889	6.065
%RSD	.1860016	.4093951	.3624226	.7174358	.0795054
#1	6577.175	95798.90	6265.561	5165.366	7635.141
#2	6553.052	95672.74	6237.642	5099.264	7624.013
#3	6568.438	96407.43	6282.594	5160.693	7625.396

Reviewed By:jaswal
On:10/28/2025 3:14:16 PM
Inst Id :P4
LB :LB137630

Sample Name: CCV01 Acquired: 10/23/2025 13:52:06 Type: Unk
Method: 6010-200.7 NEW(v307) 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	**5.250177**	**5.301400**	**5.163403**	**5.332568**	**5.268494**	**10.09434**	**9.899007**
Stddev	.026607	.434221	.005077	.039102	.016677	.04008	.020161
%RSD	.5067918	8.190690	.0983283	.7332624	.3165446	.3970737	.2036674
#1	5.265707	5.609864	5.158014	5.350057	5.263319	10.04905	9.920722
#2	5.265370	5.489491	5.168096	5.359873	5.287144	10.12524	9.880882
#3	5.219454	4.804844	5.164099	5.287774	5.255017	10.10873	9.895418

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2599174**	**2.582248**	**25.34755**	**1.058456**	**2.573886**	**1.302036**	**5.106554**
Stddev	.0027450	.003330	.06107	.003915	.003668	.001240	.031325
%RSD	1.056112	.1289523	.2409285	.3698882	.1425069	.0952647	.6134361
#1	.2567682	2.580120	25.30224	1.054179	2.571931	1.300754	5.140275
#2	.2618032	2.586085	25.32341	1.061863	2.578117	1.303231	5.101027
#3	.2611810	2.580538	25.41700	1.059326	2.571610	1.302122	5.078360

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.475348**	**25.28678**	**2.581370**	**1.304003**	**24.28492**	**2.529663**	**2.617675**
Stddev	.003494	.05753	.002278	.002998	.20925	.006928	.011747
%RSD	.1411355	.2275078	.0882483	.2299417	.8616444	.2738558	.4487446
#1	2.471649	25.23950	2.579047	1.302643	24.51105	2.524697	2.605936
#2	2.475804	25.35083	2.583600	1.301925	24.09814	2.526713	2.617659
#3	2.478591	25.27001	2.581465	1.307440	24.24556	2.537577	2.629429

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**25.22871**	**5.134650**	**5.193001**	**5.118612**	**4.992686**	**5.155490**	**5.250242**
Stddev	.20665	.043889	.012813	.029797	.004119	.010303	.031549
%RSD	.8191209	.8547675	.2467347	.5821356	.0824968	.1998485	.6009077
#1	25.45408	5.084051	5.200074	5.131650	4.991227	5.164313	5.272233
#2	25.04812	5.157475	5.200719	5.139669	4.997336	5.144167	5.264399
#3	25.18391	5.162423	5.178211	5.084518	4.989495	5.157989	5.214094

Reviewed By:jaswal
On:10/28/2025 3:14:16 PM
Inst Id :P4
LB :LB137630

Sample Name: CCV01 Acquired: 10/23/2025 13:52:06 Type: Unk
Method: 6010-200.7 NEW(v307) 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	**5.188019**	**4.828861**	**4.999028**
Stddev	.094163	.009028	.117815
%RSD	1.815014	.1869601	2.356755
#1	5.237867	4.831289	4.951306
#2	5.246781	4.818867	4.912562
#3	5.079411	4.836427	5.133218

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6297.137**	**91751.82**	**6176.779**	**4852.585**	**6878.289**
Stddev	11.467	177.70	58.991	38.620	11.541
%RSD	.1821024	.1936739	.9550490	.7958606	.1677874
#1	6287.198	91880.67	6241.971	4897.064	6866.065
#2	6309.683	91549.10	6127.082	4827.567	6888.997
#3	6294.529	91825.68	6161.283	4833.125	6879.805

Sample Name: CCB01 Acquired: 10/23/2025 13:57:18 Type: Unk
Method: 6010-200.7 NEW(v307) 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	**.0011432**	**.0010242**	**.0008311**	**-.000613**	**-.001496**	**-.000978**	**.0007324**
Stddev	.0003246	.0023722	.0003864	.000821	.001547	.004077	.0002519
%RSD	28.39478	231.6137	46.49177	133.8410	103.3853	416.8651	34.39789
#1	.0014738	-.001581	.0005850	-.000887	-.002867	.003585	.0005955
#2	.0011309	.001592	.0006318	.000310	.000181	-.004263	.0005786
#3	.0008249	.003061	.0012764	-.001262	-.001802	-.002256	.0010232

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0000317**	**.0000225**	**-.007437**	**.0001614**	**.0000606**	**-.000153**	**.0094431**
Stddev	.0000298	.0000276	.017765	.0000156	.0000324	.000205	.0054775
%RSD	94.00519	122.8324	238.8869	9.656098	53.40462	134.3412	58.00536
#1	.0000608	.0000369	-.027590	.0001444	.0000241	-.000220	.0032061
#2	.0000013	-.000009	.005956	.0001646	.0000721	-.000315	.0116519
#3	.0000329	.000040	-.000676	.0001751	.0000857	.000078	.0134714

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0003575**	**-.007995**	**-.000190**	**.0002289**	**-.098386**	**-.003607**	**.0062189**
Stddev	.0004873	.026008	.000120	.0006940	.012951	.001482	.0001467
%RSD	136.2946	325.3239	62.90871	303.2456	13.16392	41.07724	2.358207
#1	-.000205	-.033397	-.000138	.0004307	-.109910	-.002436	.0063585
#2	.000640	.018580	-.000105	-.000544	-.100878	-.003113	.0062321
#3	.000638	-.009167	-.000327	.000800	-.084369	-.005272	.0060661

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.145589**	**-.002247**	**.0002113**	**.0085531**	**-.000825**	**.0146133**	**.0004472**
Stddev	.037519	.000882	.0000294	.0002785	.001246	.0061942	.0011713
%RSD	25.77035	39.26451	13.89808	3.256319	150.9631	42.38767	261.9286
#1	-.119753	-.002012	.0002024	.0088228	.000606	.0118352	-.000323
#2	-.128390	-.003223	.0001875	.0085701	-.001413	.0102944	.001795
#3	-.188624	-.001506	.0002442	.0082665	-.001669	.0217103	-.000131

Sample Name: CCB01 Acquired: 10/23/2025 13:57:18 Type: Unk
Method: 6010-200.7 NEW(v307) 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	.0014603	-.003768	-.000040
Stddev	.0012225	.001409	.000087
%RSD	83.71260	37.39887	218.7080
#1	.0014001	-.002661	.000002
#2	.0027118	-.005354	-.000140
#3	.0002691	-.003288	.000019

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6675.237	96511.44	6405.483	5103.851	8129.231
Stddev	3.253	298.44	11.258	17.542	15.225
%RSD	.0487339	.3092303	.1757497	.3436942	.1872897
#1	6672.041	96711.15	6413.697	5094.554	8122.522
#2	6675.126	96654.80	6392.651	5124.084	8118.513
#3	6678.544	96168.36	6410.102	5092.915	8146.659

Sample Name: LR-1 Acquired: 10/23/2025 14:01:35 Type: Unk
Method: 6010-200.7 NEW(v307) 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	**.0036276**	**.0173804**	**-.002505**	**-.015725**	**.0248074**	**.4995269**	**.0142960**
Stddev	.0037106	.0023211	.000616	.002434	.0047087	.0155344	.0022180
%RSD	102.2872	13.35449	24.57763	15.47537	18.98109	3.109829	15.51454
#1	.0061979	.0158350	-.001794	-.016445	.0302441	.4818323	.0163317
#2	-.000626	.0162569	-.002883	-.013013	.0220288	.5109227	.0119323
#3	.005311	.0200495	-.002836	-.017718	.0221492	.5058257	.0146240

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0010503**	**.0014442**	**2285.365**	**.0614082**	**.0075105**	**.0118967**	**.9771978**
Stddev	.0001076	.0001348	45.238	.0001821	.0001010	.0007658	.0064138
%RSD	10.23998	9.332453	1.979479	.2966127	1.345056	6.437091	.6563517
#1	.0009266	.0013892	2334.434	.0612895	.0075404	.0119646	.9713020
#2	.0011029	.0015978	2276.346	.0616179	.0073979	.0110992	.9840273
#3	.0011214	.0013457	2245.316	.0613172	.0075932	.0126263	.9762640

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0324322**	**2306.916**	**.0469897**	**.0035524**	**2360.485**	**.0124952**	**.0856617**
Stddev	.0003795	15.430	.0010284	.0003374	23.477	.0057175	.0006650
%RSD	1.170009	.6688738	2.188601	9.496734	.9946005	45.75741	.7763521
#1	.0326217	2323.495	.0481745	.0033492	2371.898	.0103146	.0855522
#2	.0319953	2304.280	.0463271	.0033662	2333.483	.0189822	.0863746
#3	.0326796	2292.974	.0464676	.0039419	2376.074	.0081889	.0850581

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.676308**	**.0064550**	**.0126213**	**-.009095**	**-.091992**	**.0057002**	**.0192782**
Stddev	.493299	.0012381	.0005028	.001112	.001827	.0065561	.0030725
%RSD	18.43208	19.18068	3.984037	12.22638	1.985604	115.0153	15.93758
#1	2.172643	.0070981	.0130753	-.008253	-.093854	-.000842	.0158349
#2	2.697739	.0072392	.0127077	-.008676	-.090204	.012270	.0202597
#3	3.158543	.0050277	.0120809	-.010356	-.091918	.005672	.0217400

Reviewed By:jaswal
On:10/28/2025 3:14:16 PM
Inst Id :P4
LB :LB137630

Sample Name: LR-1 Acquired: 10/23/2025 14:01:35 Type: Unk
Method: 6010-200.7 NEW(v307) 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	.2628230	-.337178	.0610313
Stddev	.0011382	.014360	.0000784
%RSD	.4330513	4.258912	.1284356
#1	.2618847	-.352202	.0610917
#2	.2624953	-.335740	.0610596
#3	.2640891	-.323590	.0609428

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4435.986	65865.30	5449.787	3502.069	4429.399
Stddev	3.564	124.46	62.652	5.398	7.969
%RSD	.0803345	.1889640	1.149619	.1541291	.1799088
#1	4432.051	65745.05	5380.173	3506.300	4420.985
#2	4438.996	65993.59	5467.547	3503.916	4436.833
#3	4436.911	65857.27	5501.642	3495.990	4430.377

Sample Name: LR-2 Acquired: 10/23/2025 14:06:01 Type: Unk
Method: 6010-200.7 NEW(v307) 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	**.1156398**	**-.069426**	**.1870937**	**.0339020**	**-.194581**	**1939.325**	**.0200722**
Stddev	.0065027	.009146	.0043824	.0075259	.006642	16.267	.0008629
%RSD	5.623251	13.17399	2.342368	22.19902	3.413701	.8387852	4.298856
#1	.1188485	-.061952	.1866182	.0425920	-.191518	1930.135	.0198626
#2	.1081564	-.066700	.1829685	.0296030	-.202202	1929.733	.0193334
#3	.1199145	-.079625	.1916945	.0295109	-.190022	1958.107	.0210205

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0494531**	**-.013799**	**7.691815**	**-.318109**	**.0697785**	**.2124486**	**2783.121**
Stddev	.0004372	.001670	.027988	.003285	.0001810	.0205836	30.575
%RSD	.8840259	12.10085	.3638682	1.032674	.2594412	9.688763	1.098582
#1	.0492583	-.013253	7.713787	-.315120	.0699597	.2285512	2759.571
#2	.0491471	-.012471	7.701354	-.317580	.0697780	.2195371	2772.118
#3	.0499538	-.015674	7.660304	-.321626	.0695977	.1892574	2817.675

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.258076**	**1.051532**	**.0529917**	**^ *****	**4.042716**	**.0561694**	**.0179065**
Stddev	.000322	.002334	.0007341	-----	.056410	.0040167	.0027384
%RSD	.1249491	.2219367	1.385336	-----	1.395343	7.151099	15.29276
#1	-.258041	1.049007	.0521847	^ -----	3.986098	.0597817	.0176877
#2	-.257773	1.053609	.0536198	^ -----	4.043135	.0568826	.0207477
#3	-.258415	1.051980	.0531708	^ -----	4.098915	.0518438	.0152840

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1916.883**	**^ *****	**-.013656**	**.0151124**	**.0031848**	**.5253322**	**.0830173**
Stddev	11.770	-----	.000336	.0012797	.0015267	.0075434	.0013578
%RSD	.6140338	-----	2.462729	8.467579	47.93586	1.435925	1.635601
#1	1921.557	^ -----	-.013419	.0157610	.0019737	.5329283	.0814816
#2	1903.493	^ -----	-.013509	.0136384	.0048997	.5252255	.0835118
#3	1925.598	^ -----	-.014041	.0159379	.0026810	.5178427	.0840586

Sample Name: LR-2 Acquired: 10/23/2025 14:06:01 Type: Unk
Method: 6010-200.7 NEW(v307) 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	**-.404949**	**.2982427**	**-2.66840**
Stddev	.019027	.0033325	.02947
%RSD	4.698654	1.117365	1.104500
#1	-.396402	.2954084	-2.64563
#2	-.391693	.2974058	-2.65788
#3	-.426751	.3019138	-2.70169

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**5544.300**	**76024.30**	**5799.037**	**4305.776**	**4477.999**
Stddev	2.590	192.50	30.288	14.869	4.893
%RSD	.0467122	.2532035	.5222955	.3453205	.1092655
#1	5543.915	76194.49	5828.153	4322.330	4479.204
#2	5541.925	76063.02	5801.258	4293.555	4472.616
#3	5547.061	75815.39	5767.699	4301.443	4482.176

Sample Name: LR-3 Acquired: 10/23/2025 14:10:25 Type: Unk
Method: 6010-200.7 NEW(v307) 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	**.0928469**	**.0427672**	**227.0532**	**.0069862**	**.1956758**	**.0926788**	**-.002341**
Stddev	.0015575	.0033131	3.0215	.0025174	.0128441	.0070118	.002637
%RSD	1.677478	7.746835	1.330753	36.03372	6.563969	7.565665	112.6783
#1	.0932636	.0406992	228.4978	.0098239	.1976473	.0987862	.000625
#2	.0911235	.0465885	229.0812	.0050215	.2074202	.0942284	-.004424
#3	.0941537	.0410139	223.5805	.0061132	.1819600	.0850219	-.003223

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.006349**	**-.001120**	**.4735556**	**24.31198**	**.0062939**	**52.75049**	**.1765708**
Stddev	.000037	.000037	.0148625	.16103	.0000571	1.09458	.0052295
%RSD	.5892466	3.278881	3.138487	.6623472	.9074251	2.075014	2.961698
#1	-.006309	-.001083	.4895774	24.30137	.0063424	53.26873	.1709070
#2	-.006384	-.001157	.4602184	24.15651	.0063083	53.48970	.1775890
#3	-.006354	-.001119	.4708710	24.47805	.0062309	51.49303	.1812162

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**51.75437**	**.0111264**	**23.32252**	**.0034580**	**1.588129**	**-.032383**	**32.91726**
Stddev	.43041	.0305932	.44182	.0002982	.039025	.002679	.30702
%RSD	.8316425	274.9593	1.894412	8.622962	2.457291	8.271714	.9327123
#1	51.25825	.0338077	23.52581	.0036361	1.562576	-.029508	33.27042
#2	51.97679	.0232404	23.62611	.0036241	1.633050	-.034809	32.76758
#3	52.02805	-.023669	22.81564	.0031137	1.568761	-.032831	32.71378

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.9451109**	**-.004520**	**-.018514**	**-.000304**	**-.042672**	**-.112475**	**.2052555**
Stddev	.0186486	.000274	.000484	.000605	.001872	.003546	.0015470
%RSD	1.973166	6.060510	2.615050	198.8959	4.387990	3.153032	.7536833
#1	.9620724	-.004263	-.018860	-.000141	-.040977	-.108435	.2045454
#2	.9481193	-.004808	-.018722	.000203	-.044682	-.115074	.2070301
#3	.9251410	-.004489	-.017961	-.000974	-.042357	-.113915	.2041911

Reviewed By:jaswal
On:10/28/2025 3:14:16 PM
Inst Id :P4
LB :LB137630

Sample Name: LR-3 Acquired: 10/23/2025 14:10:25 Type: Unk
Method: 6010-200.7 NEW(v307) 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	.1013651	.0091912	.0005134
Stddev	.0070363	.0014779	.0000959
%RSD	6.941526	16.07909	18.68702
#1	.1002409	.0107425	.0005718
#2	.1088957	.0077997	.0005658
#3	.0949585	.0090314	.0004027

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6171.369	97738.69	6439.934	4928.347	7784.598
Stddev	71.865	235.55	38.014	10.853	78.587
%RSD	1.164492	.2409951	.5902832	.2202151	1.009516
#1	6130.667	97577.51	6411.567	4916.263	7741.740
#2	6129.094	98009.01	6483.127	4931.511	7736.757
#3	6254.347	97629.55	6425.109	4937.266	7875.296

Reviewed By:jaswal
On:10/28/2025 3:14:16 PM
Inst Id :P4
LB :LB137630

Sample Name: Q3398-01 Acquired: 10/23/2025 14:15:16 Type: Unk
Method: 6010-200.7 NEW(v307) 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	k .5030547	s 6.523119	sF -13.8171	k -.010194	k 3.395124	6.417897
Stddev	.0047280	.089999	1.8110	.004593	.028892	.137125
%RSD	.9398619	1.379689	13.10731	45.05747	.8509840	2.136600
#1	k .5066070	s 6.466933	s -12.2456	k -.015481	k 3.364423	6.264121
#2	k .4976883	s 6.475501	s -13.4079	k -.007195	k 3.399167	6.527465
#3	k .5048689	s 6.626923	s -15.7977	k -.007904	k 3.421781	6.462103

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019829	^ *****	s -.765637	2.398849	k 3.787471	^ *****
Stddev	.0005104	-----	.095732	.005053	.012769	-----
%RSD	25.74303	-----	12.50360	.2106389	.3371285	-----
#1	.0025486	^ -----	s -.683530	2.393084	k 3.797872	^ -----
#2	.0015567	^ -----	s -.742594	2.400956	k 3.791320	^ -----
#3	.0018433	^ -----	s -.870788	2.402508	k 3.773221	^ -----

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k 1.952445	k 4.142803	k .0121796	F -12.4057	^ *****	k -.056817
Stddev	.027107	.015008	.0009653	.0732	-----	.000620
%RSD	1.388344	.3622690	7.925686	.5903225	-----	1.091209
#1	k 1.927153	k 4.128903	k .0110724	-12.3262	^ -----	k -.056276
#2	k 1.949123	k 4.140792	k .0128448	-12.4207	^ -----	k -.056681
#3	k 1.981060	k 4.158716	k .0126215	-12.4703	^ -----	k -.057494

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1420.573	^ *****	k -.292671	31.66235	kF 26.81650	F 648.0229
Stddev	10.000	-----	.003522	.12895	.03646	1.7099
%RSD	.7039658	-----	1.203465	.4072571	.1359578	.2638681
#1	1422.827	^ -----	k -.294505	31.57630	k 26.78003	647.3438
#2	1409.638	^ -----	k -.294897	31.60014	k 26.85295	646.7569
#3	1429.254	^ -----	k -.288610	31.81061	k 26.81653	649.9681

Reviewed By:jaswal
On:10/28/2025 3:14:16 PM
Inst Id :P4
LB :LB137630

Sample Name: Q3398-01 Acquired: 10/23/2025 14:15:16 Type: Unk
Method: 6010-200.7 NEW(v307) 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	s .1543323	k .1163793	k 5.079020	s 4.614283	sF 481.3772	k .0086992
Stddev	.0112843	.0015628	.063902	.580048	60.1880	.0034292
%RSD	7.311694	1.342877	1.258158	12.57071	12.50330	39.41984
#1	s .1420187	k .1156533	k 5.079803	s 4.130726	s 431.4858	k .0071738
#2	s .1567989	k .1181731	k 5.142527	s 4.454708	s 464.4215	k .0062973
#3	s .1641793	k .1153116	k 5.014730	s 5.257416	s 548.2244	k .0126264

Elem	Sr4077
Units	ppm
Avg	k .0182531
Stddev	.0001624
%RSD	.8894761
#1	k .0183434
#2	k .0180656
#3	k .0183502

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3295.334	77552.37	5955.117	2420.946	^ *****
Stddev	20.041	177.47	32.416	17.631	-----
%RSD	.6081543	.2288381	.5443393	.7282612	-----
#1	3309.624	77703.22	5992.186	2420.182	^ -----
#2	3303.953	77356.83	5941.082	2403.709	^ -----
#3	3272.426	77597.06	5932.084	2438.946	^ -----

Reviewed By:jaswal
On:10/28/2025 3:14:16 PM
Inst Id :P4
LB :LB137630

Sample Name: PB170190BS Acquired: 10/23/2025 14:23:52 Type: Unk
Method: 6010-200.7 NEW(v307) 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	**.7151848**	**1.761109**	**.8575924**	**1.801686**	**.7291143**	**1.835039**
Stddev	.0012672	.030908	.0018748	.002464	.0026025	.005593
%RSD	.1771868	1.755013	.2186134	.1367482	.3569393	.3047770
#1	.7138461	1.729143	.8558214	1.802017	.7295853	1.832227
#2	.7153424	1.763347	.8573997	1.799073	.7314491	1.831409
#3	.7163658	1.790837	.8595561	1.803967	.7263085	1.841479

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1799461**	**.1936641**	**.1717846**	**.9391656**	**.3673593**	**.1758535**
Stddev	.0031690	.0013574	.0002894	.0089598	.0005312	.0003464
%RSD	1.761078	.7009184	.1684685	.9540144	.1446080	.1969817
#1	.1770420	.1938023	.1714808	.9493691	.3679659	.1754542
#2	.1833262	.1922429	.1718159	.9355450	.3671352	.1760732
#3	.1794701	.1949472	.1720570	.9325826	.3669769	.1760331

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2823170**	**2.662754**	**.1891158**	**1.850259**	**.4408788**	**.0655528**
Stddev	.0005265	.031294	.0007501	.031405	.0010278	.0004167
%RSD	.1865020	1.175253	.3966283	1.697318	.2331302	.6356694
#1	.2819159	2.675016	.1893331	1.823431	.4396943	.0650717
#2	.2821219	2.686059	.1882811	1.884803	.4414061	.0657850
#3	.2829132	2.627185	.1897333	1.842544	.4415359	.0658016

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**3.133847**	**.2742820**	**.1852444**	**9.360302**	**.2915343**	**.3832576**
Stddev	.017076	.0004762	.0006561	.105355	.0014715	.0005301
%RSD	.5449018	.1736134	.3541999	1.125550	.5047514	.1383226
#1	3.151617	.2742038	.1859417	9.257768	.2928160	.3835555
#2	3.132364	.2738498	.1846392	9.468267	.2899273	.3835718
#3	3.117561	.2747925	.1851522	9.354871	.2918596	.3826455

Sample Name: PB170190BS Acquired: 10/23/2025 14:23:52 Type: Unk
Method: 6010-200.7 NEW(v307) 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	**.6116140**	**.1768112**	**.7748739**	**5.045214**	F **-.002798**	**.2079846**
Stddev	.0019592	.0025275	.0116872	.011549	.000481	.0016620
%RSD	.3203339	1.429493	1.508271	.2289178	17.20453	.7991094
#1	.6138447	.1777804	.7645298	5.058336	-.002458	.2070451
#2	.6101724	.1739425	.7875520	5.040712	-.002587	.2099036
#3	.6108249	.1787106	.7725400	5.036593	-.003349	.2070050

Elem	Sr4077
Units	ppm
Avg	**.1803590**
Stddev	.0004035
%RSD	.2236923
#1	.1805518
#2	.1806299
#3	.1798954

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7178.068**	**104620.4**	**6492.855**	**5687.518**	**8376.873**
Stddev	2.488	344.7	20.894	28.428	2.256
%RSD	.0346641	.3294793	.3218004	.4998277	.0269267
#1	7179.127	104663.2	6497.113	5658.211	8378.898
#2	7179.851	104256.3	6511.292	5689.367	8377.279
#3	7175.225	104941.7	6470.160	5714.976	8374.442

Reviewed By:jaswal
On:10/28/2025 3:14:16 PM
Inst Id :P4
LB :LB137630

Sample Name: Q3365-01DLX5 Acquired: 10/23/2025 14:28:09 Type: Unk
Method: 6010-200.7 NEW(v307) 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	**.0073648**	**.0006402**	**.0055650**	**-.003078**	**-.000544**	**1.768113**
Stddev	.0020825	.0031597	.0013443	.001724	.002949	.001987
%RSD	28.27620	493.5356	24.15628	55.99557	542.2070	.1123972
#1	.0097003	-.001440	.0041506	-.003906	-.003553	1.770338
#2	.0057012	-.000916	.0057184	-.001097	.002341	1.767484
#3	.0066929	.004276	.0068261	-.004232	-.000419	1.766516

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0577580**	**.0002247**	**.0052067**	**64.49226**	**.0034445**	**.0022875**
Stddev	.0015140	.0000986	.0000720	.19990	.0001542	.0001667
%RSD	2.621309	43.87856	1.383060	.3099570	4.476263	7.288713
#1	.0575008	.0002694	.0052163	64.72196	.0032673	.0024708
#2	.0563891	.0001117	.0052735	64.39716	.0035480	.0022469
#3	.0593842	.0002929	.0051304	64.35768	.0035181	.0021448

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0283783**	**8.761705**	**.4667732**	**9.590342**	**.0073713**	**.0004880**
Stddev	.0004248	.089914	.0004371	.061158	.0003862	.0004522
%RSD	1.496960	1.026214	.0936501	.6376994	5.238659	92.66109
#1	.0279171	8.858768	.4666613	9.657341	.0069274	.0000990
#2	.0287536	8.681258	.4664028	9.576171	.0076298	.0009842
#3	.0284641	8.745088	.4672554	9.537514	.0075568	.0003809

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1029.293**	**.0044833**	**.2034908**	**11.85813**	**.0417797**	**.0162127**
Stddev	11.803	.0016601	.0003626	.24541	.0011971	.0004373
%RSD	1.146749	37.02823	.1782096	2.069542	2.865215	2.697468
#1	1042.847	.0055879	.2032545	11.68977	.0431618	.0166431
#2	1021.276	.0025742	.2039083	11.74491	.0411066	.0162262
#3	1023.755	.0052876	.2033095	12.13971	.0410706	.0157687

Sample Name: Q3365-01DLX5 Acquired: 10/23/2025 14:28:09 Type: Unk
Method: 6010-200.7 NEW(v307) 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	-.004004	.0861508	4.824830	.2058949	F 27.83879	.0305066
Stddev	.000582	.0036036	.021399	.0007897	.14945	.0041155
%RSD	14.53943	4.182875	.4435171	.3835460	.5368244	13.49062
#1	-.003637	.0821979	4.848752	.2051484	27.80778	.0260394
#2	-.004675	.0870016	4.807511	.2058145	28.00130	.0313365
#3	-.003700	.0892528	4.818226	.2067217	27.70727	.0341440

Elem	Sr4077
Units	ppm
Avg	.2749184
Stddev	.0020744
%RSD	.7545582
#1	.2771901
#2	.2731246
#3	.2744407

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6474.436	91667.46	6605.327	5059.715	6624.002
Stddev	5.826	336.45	32.619	42.364	4.418
%RSD	.0899810	.3670386	.4938295	.8372848	.0666949
#1	6470.312	91280.39	6624.014	5029.064	6623.112
#2	6481.100	91889.88	6567.662	5108.057	6628.797
#3	6471.895	91832.11	6624.305	5042.023	6620.097

Reviewed By:jaswal
On:10/28/2025 3:14:16 PM
Inst Id :P4
LB :LB137630

Sample Name: Q3365-02DLX5 Acquired: 10/23/2025 14:32:27 Type: Unk
Method: 6010-200.7 NEW(v307) 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	**.0047156**	**.0001396**	**.0064824**	**-.000674**	**-.002969**	**.4575260**
Stddev	.0013590	.0020553	.0005532	.002088	.001418	.0172243
%RSD	28.82016	1472.405	8.534415	310.0565	47.76521	3.764664
#1	.0059244	-.002231	.0069660	.000576	-.001481	.4743139
#2	.0032446	.001421	.0058791	.000487	-.004305	.4398961
#3	.0049777	.001229	.0066022	-.003084	-.003120	.4583680

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0443014**	**.0006983**	**.0010534**	**47.98440**	**-.002281**	**.0020184**
Stddev	.0002891	.0000180	.0000953	.22558	.000255	.0001385
%RSD	.6526655	2.575344	9.048636	.4701023	11.16620	6.863709
#1	.0446247	.0007019	.0011257	48.21352	-.001989	.0021548
#2	.0442123	.0007142	.0010891	47.97712	-.002396	.0018779
#3	.0440674	.0006787	.0009454	47.76255	-.002459	.0020224

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0160658**	**38.03267**	**.4261939**	**6.511709**	**.0052314**	**-.000291**
Stddev	.0002273	.48742	.0009583	.044252	.0003815	.000425
%RSD	1.414594	1.281569	.2248580	.6795780	7.292801	146.0041
#1	.0163182	37.53719	.4251511	6.562779	.0056645	.000182
#2	.0160020	38.04921	.4270359	6.484713	.0050849	-.000415
#3	.0158773	38.51160	.4263947	6.487635	.0049449	-.000641

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**801.4658**	**.0012663**	**.0743231**	**10.21342**	**.0555162**	**.0125063**
Stddev	12.1768	.0036270	.0000738	.30872	.0026739	.0001106
%RSD	1.519314	286.4155	.0993197	3.022732	4.816407	.8842245
#1	787.9063	-.001567	.0742388	9.88801	.0527321	.0125990
#2	805.0238	.005354	.0743541	10.25008	.0557524	.0123839
#3	811.4673	.000012	.0743764	10.50218	.0580642	.0125359

Reviewed By:jaswal
On:10/28/2025 3:14:16 PM
Inst Id :P4
LB :LB137630

Sample Name: Q3365-02DLX5 Acquired: 10/23/2025 14:32:27 Type: Unk
Method: 6010-200.7 NEW(v307) 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	-.004323	.0160368	2.618450	.2293583	F 19.63369	.0398079
Stddev	.000539	.0005551	.023026	.0030961	.11695	.0012371
%RSD	12.47584	3.461276	.8793875	1.349880	.5956407	3.107581
#1	-.004531	.0165397	2.594940	.2282542	19.51723	.0384173
#2	-.004728	.0154412	2.640960	.2269656	19.63272	.0407860
#3	-.003711	.0161295	2.619448	.2328551	19.75112	.0402205

Elem	Sr4077
Units	ppm
Avg	.1757497
Stddev	.0003301
%RSD	.1878032
#1	.1761267
#2	.1755125
#3	.1756100

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6347.680	88797.03	6535.662	4846.330	6574.494
Stddev	2.757	315.25	72.293	8.379	4.227
%RSD	.0434258	.3550191	1.106132	.1729031	.0642985
#1	6347.095	89126.34	6472.294	4851.612	6577.741
#2	6345.263	88766.72	6520.286	4836.668	6576.027
#3	6350.682	88498.04	6614.406	4850.709	6569.714

Sample Name: PB170190BL Acquired: 10/23/2025 14:36:45 Type: Unk
Method: 6010-200.7 NEW(v307) 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	**.0005850**	**.0007851**	**.0006823**	**-.002514**	**-.001723**	**.0148184**
Stddev	.0010339	.0009135	.0008403	.001903	.000660	.0106280
%RSD	176.7461	116.3583	123.1591	75.70754	38.32053	71.72186
#1	.0016834	.0006649	-.000113	-.004366	-.002441	.0167914
#2	-.000369	.0017527	.001561	-.000563	-.001143	.0033421
#3	.000441	-.000062	.000599	-.002614	-.001585	.0243216

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0026289**	**.0001011**	**-.000063**	**.0021472**	**-.000229**	**-.000046**
Stddev	.0017069	.0000903	.000015	.0071286	.000325	.000124
%RSD	64.92742	89.33376	23.27011	331.9911	141.8286	268.8481
#1	.0037970	.0000397	-.000078	.0010065	-.000562	-.000137
#2	.0034196	.0002048	-.000049	.0097775	.000089	.000095
#3	.0006700	.0000588	-.000063	-.004342	-.000215	-.000097

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000419**	**-.006619**	**.0006705**	**-.020785**	**-.000373**	**.0000497**
Stddev	.000181	.009005	.0007698	.023867	.000567	.0006635
%RSD	43.13267	136.0511	114.8034	114.8258	151.8792	1336.091
#1	-.000225	-.006572	.0000477	-.000785	.000270	-.000564
#2	-.000449	.002362	.0015312	-.047206	-.000800	.000754
#3	-.000584	-.015648	.0004327	-.014366	-.000589	-.000041

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.6607814**	**-.005515**	**-.000046**	**.9342059**	**-.002670**	**.0056346**
Stddev	.0243351	.003317	.000408	.0554954	.000276	.0001275
%RSD	3.682776	60.15703	892.6944	5.940386	10.33291	2.262655
#1	.6326863	-.009280	.000124	.8783627	-.002361	.0055612
#2	.6743894	-.003024	-.000511	.9349083	-.002892	.0055607
#3	.6752686	-.004240	.000250	.9893469	-.002758	.0057818

Reviewed By:jaswal
On:10/28/2025 3:14:16 PM
Inst Id :P4
LB :LB137630

Sample Name: PB170190BL Acquired: 10/23/2025 14:36:45 Type: Unk
Method: 6010-200.7 NEW(v307) 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	**.0082830**	**-.001188**	**.0170885**	**-.001249**	**.0097254**	F **.0185162**
Stddev	.0001381	.001557	.0100676	.000808	.0015294	.0025462
%RSD	1.667183	131.0079	58.91417	64.71685	15.72550	13.75099
#1	.0083278	-.002166	.0151611	-.000647	.0081723	.0208190
#2	.0081280	-.002006	.0081240	-.002168	.0097739	.0189478
#3	.0083931	.000607	.0279805	-.000933	.0112299	.0157819

Elem	Sr4077
Units	ppm
Avg	**-.000094**
Stddev	.000087
%RSD	93.16396
#1	-.000057
#2	-.000031
#3	-.000193

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6699.114**	**97308.94**	**6211.864**	**5207.900**	**8119.654**
Stddev	15.470	493.16	37.258	30.178	17.817
%RSD	.2309231	.5067974	.5997872	.5794700	.2194351
#1	6699.100	96795.64	6185.592	5173.054	8128.862
#2	6714.592	97779.13	6195.494	5225.250	8130.984
#3	6683.652	97352.06	6254.504	5225.398	8099.117

Sample Name: Q3398-01DLX5 Acquired: 10/23/2025 14:41:02 Type: Unk
Method: 6010-200.7 NEW(v307) 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	**.0711413**	**1.309737**	**-.035831**	**-.014061**	**.3437318**	**.3147992**
Stddev	.0032999	.003826	.000735	.005707	.0047101	.0190086
%RSD	4.638569	.2921062	2.050397	40.58603	1.370278	6.038328
#1	.0721867	1.313528	-.035416	-.018172	.3437825	.2987111
#2	.0674453	1.309806	-.036679	-.007545	.3484164	.3099124
#3	.0737919	1.305878	-.035397	-.016465	.3389967	.3357741

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.001252**	**-.046423**	**-.012222**	**.4828943**	**.6967024**	**-.132893**
Stddev	.001013	.000758	.000161	.0113789	.0029727	.001103
%RSD	80.94104	1.632693	1.319857	2.356390	.4266781	.8298213
#1	-.000145	-.045552	-.012254	.4786394	.6986086	-.131656
#2	-.001477	-.046784	-.012047	.4957875	.6932771	-.133774
#3	-.002133	-.046934	-.012365	.4742561	.6982214	-.133249

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1423407**	**.9136624**	**.0019289**	F **-2.35327**	**.0268048**	**-.012211**
Stddev	.0013330	.0024993	.0003729	.02595	.0002478	.000430
%RSD	.9365060	.2735419	19.33338	1.102597	.9246464	3.523994
#1	.1409755	.9161832	.0021529	-2.32590	.0265713	-.011832
#2	.1436390	.9136188	.0014984	-2.37750	.0267783	-.012679
#3	.1424077	.9111852	.0021354	-2.35642	.0270649	-.012122

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**255.3778**	F **-1.44633**	**-.035930**	**5.755119**	**5.971737**	F **147.7498**
Stddev	3.1375	.01662	.000397	.035391	.060034	.4068
%RSD	1.228556	1.148976	1.105413	.6149510	1.005310	.2753285
#1	257.9811	-1.43358	-.035994	5.737309	5.903781	148.1967
#2	256.2580	-1.44028	-.035504	5.732171	6.017572	147.6515
#3	251.8942	-1.46513	-.036291	5.795877	5.993858	147.4011

Reviewed By:jaswal
On:10/28/2025 3:14:16 PM
Inst Id :P4
LB :LB137630

Sample Name: Q3398-01DLX5 Acquired: 10/23/2025 14:41:02 Type: Unk
Method: 6010-200.7 NEW(v307) 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	-.002835	.0209858	.8286706	.0772875	8.598872	.0165071
Stddev	.000449	.0003816	.0345536	.0010020	.027223	.0019107
%RSD	15.83132	1.818389	4.169757	1.296483	.3165902	11.57501
#1	-.003353	.0213135	.8685088	.0762959	8.597621	.0148329
#2	-.002573	.0205669	.8068431	.0782997	8.626699	.0185886
#3	-.002578	.0210772	.8106601	.0772670	8.572296	.0160997

Elem	Sr4077
Units	ppm
Avg	.0026218
Stddev	.0000892
%RSD	3.403817
#1	.0027246
#2	.0025646
#3	.0025761

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5934.859	92051.99	6219.788	4695.328	5936.727
Stddev	5.641	529.91	34.652	29.640	2.405
%RSD	.0950490	.5756676	.5571317	.6312565	.0405060
#1	5929.648	91578.01	6259.197	4665.544	5936.891
#2	5940.849	92624.11	6206.082	4724.821	5934.245
#3	5934.079	91953.85	6194.085	4695.619	5939.046

Sample Name: Q3398-01DL2X10 Acquired: 10/23/2025 14:49:22 Type: Unk
Method: 6010-200.7 NEW(v307) 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	**.0418340**	**.7828807**	**-.003219**	**-.009328**	**.1866235**	**-.038664**
Stddev	.0017116	.0034156	.000098	.001116	.0000972	.027207
%RSD	4.091334	.4362866	3.053684	11.96594	.0520635	70.36750
#1	.0435225	.7863392	-.003137	-.010501	.1866940	-.059044
#2	.0418792	.7827933	-.003328	-.009204	.1865127	-.049179
#3	.0401003	.7795097	-.003192	-.008279	.1866637	-.007769

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0024875**	**-.025053**	**-.006279**	**.2743275**	**.3931543**	**-.057399**
Stddev	.0028854	.000441	.000072	.0027224	.0004804	.000532
%RSD	115.9964	1.761245	1.150158	.9924068	.1221875	.9261751
#1	.0044998	-.024879	-.006218	.2711862	.3926008	-.057626
#2	.0037812	-.024726	-.006261	.2757920	.3934627	-.057778
#3	-.000818	-.025555	-.006359	.2760042	.3933994	-.056791

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0635531**	**.5380089**	**.0014671**	F **-1.31010**	**.0132336**	**-.007031**
Stddev	.0005280	.0069362	.0003907	.01861	.0004596	.000150
%RSD	.8307389	1.289240	26.63355	1.420156	3.473158	2.132806
#1	.0631201	.5402141	.0017815	-1.33153	.0131338	-.006874
#2	.0633980	.5435745	.0010296	-1.30073	.0137350	-.007172
#3	.0641413	.5302382	.0015902	-1.29804	.0128321	-.007045

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**147.4652**	**-.769201**	**-.019757**	**3.128116**	**3.586074**	F **87.96609**
Stddev	.8873	.003388	.000238	.075707	.022040	.38930
%RSD	.6017152	.4404199	1.203630	2.420214	.6145986	.4425516
#1	148.3153	-.766649	-.019551	3.069048	3.599847	88.38705
#2	147.5356	-.767909	-.020017	3.101839	3.560654	87.89217
#3	146.5448	-.773044	-.019702	3.213460	3.597721	87.61906

Reviewed By:jaswal
On:10/28/2025 3:14:16 PM
Inst Id :P4
LB :LB137630

Sample Name: Q3398-01DL2X10 Acquired: 10/23/2025 14:49:22 Type: Unk
Method: 6010-200.7 NEW(v307) 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	-.004776	.0099964	.4724737	.0380268	4.520012	.0106915
Stddev	.000422	.0013051	.0141877	.0017215	.011152	.0012992
%RSD	8.826588	13.05525	3.002848	4.527075	.2467191	12.15172
#1	-.004737	.0111879	.4630953	.0376657	4.530859	.0121910
#2	-.004376	.0086016	.4655300	.0399002	4.520599	.0099788
#3	-.005217	.0101996	.4887958	.0365145	4.508579	.0099046

Elem	Sr4077
Units	ppm
Avg	.0014343
Stddev	.0002676
%RSD	18.65642
#1	.0012433
#2	.0017401
#3	.0013195

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6222.173	91783.63	6069.472	4816.195	6570.354
Stddev	9.307	108.63	43.560	2.110	16.073
%RSD	.1495840	.1183592	.7176932	.0438053	.2446330
#1	6230.042	91658.30	6030.388	4818.514	6555.218
#2	6224.578	91841.66	6116.433	4815.683	6568.619
#3	6211.899	91850.92	6061.594	4814.389	6587.224

Sample Name: CCV02 Acquired: 10/23/2025 15:04:20 Type: Unk
Method: 6010-200.7 NEW(v307) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCV02 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**5.242482**	**5.318685**	**5.233306**	**5.213879**	**5.155109**	**10.40958**
Stddev	.023726	.162010	.001496	.015197	.011672	.05832
%RSD	.4525639	3.046055	.0285848	.2914810	.2264208	.5602379
#1	5.217037	5.133520	5.231579	5.198193	5.155758	10.34349
#2	5.263998	5.434350	5.234209	5.228536	5.166444	10.43148
#3	5.246410	5.388185	5.234129	5.214907	5.143126	10.45379

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**10.61720**	**.2744505**	**2.626978**	**26.18515**	**1.052111**	**2.601118**
Stddev	.07165	.0035120	.002116	.15033	.002650	.001029
%RSD	.6748368	1.279657	.0805540	.5741128	.2519048	.0395532
#1	10.58188	.2715972	2.624572	26.06634	1.052772	2.599932
#2	10.57007	.2733815	2.628548	26.13495	1.054368	2.601646
#3	10.69965	.2783728	2.627816	26.35416	1.049193	2.601775

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.306979**	**5.058895**	**2.645086**	**26.13660**	**2.611175**	**1.301297**
Stddev	.002061	.055457	.017679	.08447	.001161	.001141
%RSD	.1577157	1.096236	.6683727	.3232037	.0444751	.0876719
#1	1.305442	5.085852	2.637732	26.07313	2.610722	1.302514
#2	1.309322	5.095721	2.632271	26.10418	2.612495	1.301123
#3	1.306175	4.995113	2.665255	26.23248	2.610310	1.300252

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**25.43323**	**2.604709**	**2.608846**	**25.51530**	F **5.515463**	**5.196823**
Stddev	.14182	.005479	.008021	.13856	.078383	.012317
%RSD	.5576294	.2103537	.3074685	.5430340	1.421156	.2370008
#1	25.54796	2.598397	2.602023	25.57184	5.453632	5.186317
#2	25.47706	2.607498	2.617682	25.61665	5.489137	5.210377
#3	25.27466	2.608234	2.606833	25.35742	5.603621	5.193774

Reviewed By:jaswal
On:10/28/2025 3:14:16 PM
Inst Id :P4
LB :LB137630

Sample Name: CCV02 Acquired: 10/23/2025 15:04:20 Type: Unk
Method: 6010-200.7 NEW(v307) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCV02 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**5.281095**	**5.219385**	**4.986359**	**5.328533**	**5.209722**	**5.171201**
Stddev	.015239	.021670	.052787	.025226	.045563	.038849
%RSD	.2885664	.4151776	1.058632	.4734224	.8745850	.7512504
#1	5.263633	5.206447	5.000044	5.302882	5.157530	5.146852
#2	5.287941	5.207305	5.030955	5.353312	5.241567	5.150748
#3	5.291711	5.244402	4.928076	5.329405	5.230069	5.216003

Elem	Sr4077
Units	ppm
Avg	**5.281753**
Stddev	.048142
%RSD	.9114769
#1	5.254399
#2	5.253520
#3	5.337340

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6472.813**	**92627.41**	**5807.025**	**5156.399**	**6989.120**
Stddev	17.217	422.21	71.630	32.298	5.158
%RSD	.2659960	.4558183	1.233504	.6263597	.0737979
#1	6465.704	92719.48	5875.465	5172.609	6986.175
#2	6460.289	92166.76	5813.028	5119.207	6986.109
#3	6492.447	92995.99	5732.583	5177.382	6995.075

Sample Name: CCB02 Acquired: 10/23/2025 15:08:23 Type: Unk
Method: 6010-200.7 NEW(v307) 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	**.0007522**	**.0004864**	**.0005933**	**-.001958**	**-.000628**	**.0225501**	**.0001858**
Stddev	.0014405	.0001798	.0005529	.000595	.002071	.0020980	.0002681
%RSD	191.5050	36.95456	93.18088	30.39631	329.6176	9.303758	144.3308
#1	-.000164	.0003504	.0000033	-.001919	.000547	.0208050	-.000070
#2	.000008	.0004187	.0010995	-.002571	-.003020	.0219675	.000465
#3	.002413	.0006902	.0006773	-.001383	.000588	.0248778	.000163

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000027**	**-.000031**	**.0092644**	**.0000193**	**.0000176**	**.0002900**	**.0341633**
Stddev	.000055	.000074	.0197169	.0002891	.0000484	.0002220	.0125970
%RSD	199.0854	237.0249	212.8245	1500.833	274.3937	76.55749	36.87273
#1	-.000027	-.000097	.0170449	-.000268	-.000033	.0000645	.0421547
#2	.000027	-.000047	.0239040	.000016	.000063	.0005083	.0196421
#3	-.000082	.000049	-.013156	.000310	.000023	.0002971	.0406932

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0008900**	**.0067820**	**.0007370**	**.0004706**	**.0745148**	**-.004410**	**.0005180**
Stddev	.0007073	.0358011	.0001344	.0002041	.0407672	.000980	.0001120
%RSD	79.47603	527.8833	18.23414	43.35932	54.71019	22.21375	21.62444
#1	.0008040	-.028192	.0008675	.0006817	.0383650	-.003782	.0003929
#2	.0016363	.043356	.0007446	.0002744	.1187020	-.003909	.0005521
#3	.0002296	.005182	.0005990	.0004558	.0664773	-.005539	.0006091

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1211541**	**.0111880**	**.0046631**	**.0075435**	**-.002549**	**.0050582**	**-.000609**
Stddev	.0587972	.0012021	.0002973	.0001005	.004445	.0053659	.001125
%RSD	48.53093	10.74468	6.375199	1.331854	174.3927	106.0838	184.6382
#1	.1890302	.0124682	.0048487	.0076038	.001634	-.001020	-.001908
#2	.0885355	.0110128	.0048205	.0074275	-.007216	.007055	.000064
#3	.0858967	.0100831	.0043203	.0075992	-.002064	.009139	.000016

Reviewed By:jaswal
On:10/28/2025 3:14:16 PM
Inst Id :P4
LB :LB137630

Sample Name: CCB02 Acquired: 10/23/2025 15:08:23 Type: Unk
Method: 6010-200.7 NEW(v307) 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	.0052134	.0052633	-.000046		
Stddev	.0042584	.0007254	.000099		
%RSD	81.68162	13.78135	212.9589		
#1	.0003289	.0056493	-.000027		
#2	.0071656	.0057140	-.000153		
#3	.0081455	.0044265	.000041		

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6876.485	97815.08	6177.903	5323.238	8327.208
Stddev	7.522	456.40	47.861	22.464	13.559
%RSD	.1093917	.4665936	.7747203	.4219915	.1628326
#1	6870.291	98322.64	6230.556	5349.118	8314.280
#2	6884.856	97684.15	6137.035	5308.786	8341.321
#3	6874.309	97438.46	6166.119	5311.810	8326.024

Sample Name: Q3398-01DL3X25 Acquired: 10/23/2025 15:12:59 Type: Unk
Method: 6010-200.7 NEW(v307) 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	**.0158412**	**.2985259**	**.0049047**	**-.004222**	**.0649850**	**-.111519**
Stddev	.0007715	.0037276	.0010718	.000596	.0014998	.018811
%RSD	4.870073	1.248683	21.85276	14.11370	2.307887	16.86813
#1	.0150168	.2988109	.0039736	-.003561	.0632674	-.129503
#2	.0159609	.3021029	.0046642	-.004718	.0660357	-.113077
#3	.0165458	.2946640	.0060763	-.004388	.0656518	-.091978

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0010480**	**-.008613**	**-.002173**	**.1071602**	**.1445288**	**-.015039**
Stddev	.0019163	.000165	.000017	.0057151	.0003834	.000078
%RSD	182.8448	1.919618	.7880455	5.333207	.2652901	.5179277
#1	.0025731	-.008428	-.002190	.1094269	.1441039	-.014970
#2	-.001103	-.008661	-.002173	.1006595	.1448489	-.015025
#3	.001674	-.008748	-.002155	.1113943	.1446337	-.015123

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0180461**	**.2024240**	**.0001982**	**-.473954**	**.0039483**	**-.002043**
Stddev	.0005502	.0099377	.0001341	.020982	.0002170	.000601
%RSD	3.048810	4.909344	67.64944	4.426988	5.495165	29.42681
#1	.0185953	.2068104	.0001346	-.479038	.0041847	-.001360
#2	.0180479	.2094138	.0003522	-.450898	.0037583	-.002276
#3	.0174950	.1910478	.0001077	-.491927	.0039019	-.002493

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**49.29089**	**-.255821**	**-.006867**	**1.094984**	**1.271038**	F **33.57830**
Stddev	.20258	.000882	.000129	.015633	.004936	.08126
%RSD	.4109874	.3448163	1.871889	1.427661	.3883373	.2419963
#1	49.17636	-.255685	-.006979	1.080831	1.265342	33.62985
#2	49.52479	-.256763	-.006727	1.111763	1.274042	33.62043
#3	49.17152	-.255015	-.006895	1.092356	1.273731	33.48463

Reviewed By:jaswal
On:10/28/2025 3:14:16 PM
Inst Id :P4
LB :LB137630

Sample Name: Q3398-01DL3X25 Acquired: 10/23/2025 15:12:59 Type: Unk
Method: 6010-200.7 NEW(v307) 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	-.004466	.0037309	.1728456	.0129147	1.476582	.0013804
Stddev	.000650	.0001203	.0171158	.0005180	.004914	.0008875
%RSD	14.55172	3.225206	9.902339	4.011156	.3328261	64.29203
#1	-.004799	.0038064	.1533687	.0130544	1.471437	.0018983
#2	-.004883	.0035921	.1796799	.0123412	1.481227	.0003556
#3	-.003717	.0037941	.1854884	.0133486	1.477084	.0018873

Elem	Sr4077
Units	ppm
Avg	.0002740
Stddev	.0001233
%RSD	44.99931
#1	.0003840
#2	.0002971
#3	.0001407

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6501.635	94163.12	6183.559	4989.668	7280.306
Stddev	15.599	418.32	36.843	24.107	18.678
%RSD	.2399169	.4442465	.5958274	.4831299	.2565594
#1	6486.286	94371.29	6213.655	5011.024	7260.530
#2	6501.148	94436.51	6194.550	4994.451	7282.742
#3	6517.472	93681.56	6142.470	4963.528	7297.647

Sample Name: Q3368-06 Acquired: 10/23/2025 15:17:09 Type: Unk
Method: 6010-200.7 NEW(v307) 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	**-.002590**	**-.001853**	**.0050891**	**.0025435**	**.0044117**	**.0745823**	**.1162188**
Stddev	.002692	.002416	.0001340	.0028869	.0007552	.0117792	.0012947
%RSD	103.9565	130.4047	2.633109	113.4989	17.11788	15.79356	1.113984
#1	-.004838	-.004626	.0052326	.0058698	.0037895	.0788293	.1149856
#2	.000394	-.000721	.0049672	.0006897	.0041936	.0836490	.1161037
#3	-.003326	-.000210	.0050676	.0010712	.0052519	.0612685	.1175672

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000119**	**.0011599**	**67.35461**	**.0014127**	**.0020710**	**.0078925**	**.0635181**
Stddev	.000050	.0000556	.29100	.0003632	.0000860	.0001496	.0075195
%RSD	41.89511	4.793826	.4320393	25.70942	4.151526	1.895119	11.83844
#1	-.000165	.0011121	67.17183	.0013451	.0021164	.0079939	.0591823
#2	-.000127	.0011467	67.20182	.0018050	.0019718	.0077207	.0722009
#3	-.000066	.0012209	67.69018	.0010881	.0021247	.0079628	.0591710

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2146865**	**6.957057**	**.0099714**	**.0005544**	**228.4386**	**-.005472**	**.5486735**
Stddev	.0010549	.026326	.0003194	.0005843	1.4509	.001051	.0017858
%RSD	.4913594	.3784017	3.203561	105.3809	.6351206	19.21663	.3254701
#1	.2147414	6.929708	.0096081	-.000120	226.9057	-.004881	.5490445
#2	.2136053	6.959239	.0100979	.000905	228.6197	-.006686	.5467314
#3	.2157129	6.982223	.0102082	.000879	229.7904	-.004849	.5502446

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.715213**	**.0224260**	**.0319856**	**-.021595**	**-.003587**	**1.516530**	**.0617029**
Stddev	.041075	.0006372	.0073787	.000563	.001952	.025810	.0017088
%RSD	1.512754	2.841152	23.06885	2.606077	54.43289	1.701910	2.769349
#1	2.749725	.0225747	.0398118	-.021304	-.005759	1.488929	.0618722
#2	2.669783	.0217277	.0309892	-.022244	-.003024	1.520594	.0599158
#3	2.726131	.0229757	.0251557	-.021238	-.001977	1.540067	.0633207

Reviewed By:jaswal
On:10/28/2025 3:14:16 PM
Inst Id :P4
LB :LB137630

Sample Name: Q3368-06 Acquired: 10/23/2025 15:17:09 Type: Unk
Method: 6010-200.7 NEW(v307) 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	2.599809	-.018439	.2633375
Stddev	.005128	.001497	.0014298
%RSD	.1972414	8.117769	.5429454
#1	2.605728	-.018538	.2626471
#2	2.596957	-.016896	.2623839
#3	2.596740	-.019885	.2649814

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6312.652	89596.24	6058.028	4832.419	6878.521
Stddev	5.603	511.92	42.857	5.353	10.241
%RSD	.0887544	.5713676	.7074495	.1107719	.1488783
#1	6315.126	90002.29	6061.522	4829.011	6884.947
#2	6316.592	89765.24	6099.032	4838.589	6883.903
#3	6306.238	89021.18	6013.531	4829.658	6866.711

Reviewed By:jaswal
On:10/28/2025 3:14:16 PM
Inst Id :P4
LB :LB137630

Sample Name: Q3368-07 Acquired: 10/23/2025 15:21:21 Type: Unk
Method: 6010-200.7 NEW(v307) 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	**-.001178**	**-.003660**	**.0116390**	**.0023279**	**.0037249**	**.3371772**	**.1261174**
Stddev	.001105	.000641	.0012978	.0027360	.0024535	.0018258	.0016061
%RSD	93.82107	17.51877	11.15086	117.5312	65.86613	.5415005	1.273500
#1	-.001288	-.003125	.0117468	.0054498	.0063915	.3370473	.1279191
#2	-.002224	-.004371	.0128795	.0011871	.0015630	.3390645	.1248358
#3	-.000022	-.003483	.0102906	.0003469	.0032203	.3354198	.1255973

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000007**	**.0007047**	**10.94286**	**.0018227**	**.0036785**	**.0101390**	**5.289501**
Stddev	.000034	.0001174	.09822	.0002733	.0002018	.0004118	.056657
%RSD	497.8418	16.65633	.8975451	14.99192	5.487139	4.061897	1.071118
#1	-.000003	.0006517	10.97227	.0015873	.0038662	.0097171	5.350664
#2	-.000043	.0006232	10.83330	.0017584	.0034650	.0105400	5.279027
#3	.000025	.0008392	11.02301	.0021223	.0037043	.0101599	5.238812

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1726557**	**.8317993**	**.0237443**	**.0003054**	**277.5569**	**-.002229**	**1.160060**
Stddev	.0015154	.0350447	.0002254	.0007555	1.8075	.001208	.001727
%RSD	.8776846	4.213117	.9493939	247.3633	.6512011	54.20065	.1488358
#1	.1731509	.7914672	.0236727	-.000565	279.3132	-.001620	1.158634
#2	.1709547	.8491155	.0235633	.000786	275.7023	-.001447	1.159566
#3	.1738616	.8548152	.0239968	.000696	277.6551	-.003621	1.161980

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1296409**	**.0224828**	**.0250964**	**-.018732**	**.0018941**	**.9445027**	**1.253991**
Stddev	.0156877	.0007994	.0016985	.000454	.0025921	.0179865	.004713
%RSD	12.10084	3.555485	6.767704	2.421419	136.8521	1.904333	.3758407
#1	.1232579	.0232902	.0270296	-.019069	.0014076	.9633569	1.252156
#2	.1181510	.0216917	.0244163	-.018910	.0046951	.9426190	1.250471
#3	.1475139	.0224665	.0238435	-.018216	-.000420	.9275322	1.259346

Reviewed By:jaswal
On:10/28/2025 3:14:16 PM
Inst Id :P4
LB :LB137630

Sample Name: Q3368-07 Acquired: 10/23/2025 15:21:21 Type: Unk
Method: 6010-200.7 NEW(v307) 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	.7185406	-.007796	.0780276
Stddev	.0037866	.002573	.0005745
%RSD	.5269854	33.00693	.7362754
#1	.7164009	-.006083	.0781841
#2	.7163082	-.010755	.0773910
#3	.7229127	-.006550	.0785076

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6567.157	93674.96	6226.113	5171.715	7202.839
Stddev	4.863	123.68	86.920	20.871	4.080
%RSD	.0740430	.1320293	1.396053	.4035555	.0566414
#1	6561.558	93665.90	6305.631	5185.340	7207.256
#2	6570.323	93556.05	6239.389	5147.687	7199.211
#3	6569.588	93802.91	6133.319	5182.117	7202.051

Sample Name: Q3397-04 Acquired: 10/23/2025 15:25:40 Type: Unk
Method: 6010-200.7 NEW(v307) 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	**-.000503**	**-.001872**	**.0031409**	**.0038222**	**.0016885**	**.0327305**	**.1773609**
Stddev	.000508	.001327	.0001556	.0016440	.0011091	.0150004	.0022213
%RSD	100.9222	70.87672	4.953805	43.01226	65.68441	45.83017	1.252425
#1	-.001031	-.003340	.0031089	.0043885	.0010598	.0213405	.1753104
#2	-.000461	-.000759	.0030037	.0019699	.0029691	.0271245	.1770517
#3	-.000018	-.001516	.0033099	.0051082	.0010367	.0497265	.1797207

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000065**	**-.000001**	**9.063572**	**.0011233**	**-.000224**	**.0039085**	**.0316521**
Stddev	.000053	.000039	.028520	.0001203	.000106	.0002172	.0073981
%RSD	81.63200	3053.339	.3146631	10.71263	47.45786	5.557919	23.37308
#1	-.000005	.000033	9.037348	.0011365	-.000111	.0037277	.0236032
#2	-.000084	.000008	9.059434	.0009969	-.000322	.0038483	.0381551
#3	-.000107	-.000044	9.093935	.0012365	-.000239	.0041495	.0331980

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0580103**	**2.171646**	**.0025916**	**.0004109**	**251.9794**	**-.005990**	**.0318618**
Stddev	.0009671	.038385	.0001800	.0009018	1.7009	.000934	.0000438
%RSD	1.667211	1.767546	6.945444	219.4858	.6750002	15.59636	.1375189
#1	.0569203	2.130517	.0027330	.0013366	250.7224	-.005698	.0319091
#2	.0583451	2.177905	.0023890	-.000465	251.3011	-.005238	.0318227
#3	.0587657	2.206517	.0026528	.000361	253.9148	-.007036	.0318534

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.7790656**	**.0067677**	**.0008823**	**-.020243**	**-.000521**	**.4154431**	**.0251953**
Stddev	.0202422	.0007799	.0000887	.000747	.001660	.0059653	.0012745
%RSD	2.598263	11.52361	10.05777	3.688727	318.4336	1.435889	5.058687
#1	.8002482	.0076496	.0009346	-.020289	-.001290	.4222271	.0266666
#2	.7770311	.0061688	.0009323	-.019474	.001384	.4110177	.0244912
#3	.7599175	.0064847	.0007798	-.020965	-.001657	.4130846	.0244281

Reviewed By:jaswal
On:10/28/2025 3:14:16 PM
Inst Id :P4
LB :LB137630

Sample Name: Q3397-04 Acquired: 10/23/2025 15:25:40 Type: Unk
Method: 6010-200.7 NEW(v307) 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	.5272751	-.010381	.0392703
Stddev	.0014861	.002179	.0000470
%RSD	.2818476	20.99545	.1195786
#1	.5289161	-.011541	.0392648
#2	.5260200	-.007867	.0392263
#3	.5268893	-.011735	.0393197

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6809.994	96322.75	6273.198	5367.277	7437.396
Stddev	19.310	340.60	36.232	22.349	21.153
%RSD	.2835511	.3536017	.5775694	.4163898	.2844149
#1	6791.661	95935.17	6285.437	5343.839	7414.031
#2	6830.151	96574.36	6232.431	5388.349	7455.243
#3	6808.170	96458.72	6301.725	5369.643	7442.915

Reviewed By:jaswal
On:10/28/2025 3:14:16 PM
Inst Id :P4
LB :LB137630

Sample Name: Q3399-02 Acquired: 10/23/2025 15:30:05 Type: Unk
Method: 6010-200.7 NEW(v307) 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	**.0005867**	**.0004697**	**.0021999**	**.0015119**	**.0022601**	**.2652843**	**.0725139**
Stddev	.0025142	.0012277	.0011183	.0008619	.0011183	.0046442	.0005088
%RSD	428.5438	261.3948	50.83185	57.00402	49.48111	1.750647	.7017178
#1	.0034296	.0017572	.0011741	.0024207	.0026603	.2701674	.0719264
#2	-.001344	.0003397	.0020337	.0007062	.0009968	.2647623	.0727988
#3	-.000325	-.000688	.0033920	.0014090	.0031233	.2609231	.0728165

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000104**	**-.000008**	**2.474390**	**.0009068**	**.0012775**	**.0033972**	**.2720526**
Stddev	.000039	.000042	.005141	.0002335	.0000113	.0003668	.0017546
%RSD	37.10551	550.7572	.2077829	25.74754	.8834459	10.79635	.6449462
#1	-.000121	-.000055	2.477703	.0009487	.0012771	.0033723	.2739406
#2	-.000131	.000025	2.476999	.0011164	.0012890	.0037758	.2704721
#3	-.000060	.000007	2.468467	.0006552	.0012665	.0030435	.2717452

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1596945**	**.2491748**	**.0010219**	**.0002017**	**233.0437**	**-.000797**	**.0302838**
Stddev	.0001986	.0487307	.0002097	.0001744	2.3597	.002415	.0002281
%RSD	.1243818	19.55684	20.51775	86.47295	1.012551	303.1132	.7533668
#1	.1596674	.2647844	.0011720	.0002218	235.7681	.001336	.0300356
#2	.1595108	.1945518	.0007823	.0003652	231.6463	-.003418	.0304844
#3	.1599053	.2881881	.0011113	.0000181	231.7166	-.000307	.0303313

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3414735**	**.0032720**	**.0005275**	**-.020131**	**-.000097**	**.4727613**	**.0198172**
Stddev	.0293668	.0004790	.0001190	.000790	.001677	.0211683	.0010713
%RSD	8.600012	14.63798	22.56206	3.926011	1732.809	4.477597	5.405722
#1	.3085589	.0030160	.0003923	-.020544	-.000916	.4769965	.0206403
#2	.3649933	.0029755	.0006166	-.019220	-.001206	.4497955	.0186060
#3	.3508681	.0038246	.0005736	-.020630	.001832	.4914918	.0202053

Reviewed By:jaswal
On:10/28/2025 3:14:16 PM
Inst Id :P4
LB :LB137630

Sample Name: Q3399-02 Acquired: 10/23/2025 15:30:05 Type: Unk
Method: 6010-200.7 NEW(v307) 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	.2528223	-.009672	.0169576
Stddev	.0015959	.000924	.0000842
%RSD	.6312400	9.552951	.4965537
#1	.2525658	-.009401	.0169646
#2	.2545309	-.008914	.0168701
#3	.2513701	-.010701	.0170381

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	7066.185	99220.06	6549.767	5465.743	7780.623
Stddev	7.808	356.16	26.461	16.208	4.011
%RSD	.1104973	.3589572	.4039926	.2965431	.0515570
#1	7074.777	99355.99	6520.846	5483.649	7781.842
#2	7059.523	98815.95	6555.693	5461.506	7776.144
#3	7064.254	99488.23	6572.762	5452.074	7783.884

Sample Name: Q3402-03 Acquired: 10/23/2025 15:34:29 Type: Unk
Method: 6010-200.7 NEW(v307) 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	**.0051261**	**.0006023**	**.0072180**	**.0027309**	**.0018322**	**.1090629**	**.1548157**
Stddev	.0013827	.0013665	.0002670	.0013190	.0009274	.0056203	.0006952
%RSD	26.97315	226.8818	3.699280	48.29694	50.61674	5.153222	.4490406
#1	.0062470	-.000976	.0073231	.0041556	.0021003	.1114874	.1547426
#2	.0035810	.001387	.0069144	.0024849	.0025961	.1026374	.1555445
#3	.0055504	.001396	.0074164	.0015524	.0008003	.1130640	.1541599

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000168**	**.0001055**	**41.45977**	**.0014068**	**.0055665**	**.0060195**	**.0697513**
Stddev	.000009	.0000488	.12975	.0001878	.0001068	.0004390	.0052284
%RSD	5.057550	46.23688	.3129632	13.34779	1.917870	7.292222	7.495780
#1	-.000162	.0000534	41.48606	.0013613	.0056863	.0063522	.0739888
#2	-.000165	.0001500	41.57436	.0012460	.0054814	.0061843	.0639084
#3	-.000178	.0001130	41.31888	.0016132	.0055316	.0055220	.0713567

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.509604**	**7.604814**	**.0037014**	**-.000035**	**332.2755**	**-.001597**	**.0594079**
Stddev	.005307	.070684	.0001695	.000478	3.3633	.002826	.0003724
%RSD	.3515392	.9294621	4.580394	1355.976	1.012209	176.9709	.6267992
#1	1.509830	7.545827	.0038971	.000096	329.9749	.001521	.0591435
#2	1.514794	7.683161	.0036055	-.000565	330.7161	-.003989	.0592465
#3	1.504187	7.585455	.0036015	.000364	336.1355	-.002322	.0598338

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.921557**	**.0296777**	**.0009227**	**-.017885**	**-.002326**	**1.450693**	**.0179315**
Stddev	.039231	.0014160	.0001865	.000311	.002743	.026029	.0001449
%RSD	2.041645	4.771212	20.21709	1.736382	117.9423	1.794259	.8081879
#1	1.879785	.0281195	.0009103	-.017982	-.000054	1.420643	.0180035
#2	1.957623	.0300280	.0011151	-.018135	-.005373	1.466226	.0180263
#3	1.927262	.0308857	.0007426	-.017537	-.001550	1.465211	.0177647

Sample Name: Q3402-03 Acquired: 10/23/2025 15:34:29 Type: Unk
Method: 6010-200.7 NEW(v307) 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	1.641884	-.013477	.1965994
Stddev	.007002	.001605	.0007599
%RSD	.4264588	11.91143	.3865175
#1	1.649598	-.015249	.1968761
#2	1.635931	-.012119	.1971822
#3	1.640123	-.013064	.1957400

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6548.355	93624.11	6275.517	5073.293	7060.361
Stddev	16.110	686.80	33.761	39.253	13.410
%RSD	.2460117	.7335704	.5379796	.7737122	.1899381
#1	6551.616	94388.59	6237.254	5114.481	7064.457
#2	6530.864	93424.56	6301.111	5069.083	7045.380
#3	6562.584	93059.18	6288.185	5036.315	7071.246

Sample Name: Q3402-06 Acquired: 10/23/2025 15:38:49 Type: Unk
Method: 6010-200.7 NEW(v307) 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	.0027832	-.002602	.0031069	.0048697	.0030785	.0724717	.1162625
Stddev	.0008071	.001132	.0007604	.0027036	.0012205	.0123197	.0004258
%RSD	29.00114	43.52943	24.47626	55.51760	39.64473	16.99938	.3662323
#1	.0028685	-.002867	.0029351	.0078538	.0019151	.0768823	.1159306
#2	.0019367	-.003578	.0024470	.0041718	.0029715	.0819791	.1167426
#3	.0035443	-.001360	.0039385	.0025836	.0043489	.0585538	.1161144

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000115	-.000053	27.38953	.0011617	.0011161	.0050606	.0208895
Stddev	.000043	.000040	.06567	.0002341	.0001153	.0003606	.0056364
%RSD	37.11892	76.78290	.2397630	20.14924	10.33239	7.125406	26.98184
#1	-.000141	-.000044	27.33698	.0014313	.0012483	.0051069	.0207258
#2	-.000138	-.000097	27.36846	.0010439	.0010639	.0046792	.0153367
#3	-.000066	-.000017	27.46315	.0010100	.0010361	.0053959	.0266059

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9810042	5.982486	.0011911	-.000051	300.9118	-.002068	.0538978
Stddev	.0023250	.046930	.0003302	.000072	4.1705	.003850	.0000703
%RSD	.2370045	.7844561	27.71934	141.3931	1.385959	186.2136	.1303700
#1	.9785461	5.935982	.0011461	-.000130	305.6277	.002136	.0538208
#2	.9812981	5.981646	.0008858	.000011	297.7091	-.005422	.0539143
#3	.9831682	6.029830	.0015415	-.000034	299.3987	-.002917	.0539584

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.756076	.0227618	.0010374	-.020974	-.003021	1.182878	.0673110
Stddev	.021872	.0007037	.0000252	.000271	.002562	.008170	.0016431
%RSD	1.245511	3.091516	2.427325	1.290915	84.80800	.6906912	2.441123
#1	1.740940	.0230104	.0010636	-.021243	-.000128	1.176959	.0659587
#2	1.781153	.0219675	.0010352	-.020977	-.005004	1.192200	.0691397
#3	1.746136	.0233073	.0010134	-.020701	-.003930	1.179476	.0668346

Reviewed By:jaswal
On:10/28/2025 3:14:16 PM
Inst Id :P4
LB :LB137630

Sample Name: Q3402-06 Acquired: 10/23/2025 15:38:49 Type: Unk
Method: 6010-200.7 NEW(v307) 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	**1.443860**	**-.011640**	**.1717582**
Stddev	.002892	.002105	.0003320
%RSD	.2003138	18.08634	.1933102
#1	1.446730	-.012947	.1714289
#2	1.440945	-.009211	.1717529
#3	1.443904	-.012760	.1720929

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6768.680**	**96054.69**	**6404.695**	**5277.619**	**7313.246**
Stddev	6.808	371.58	39.284	17.643	13.392
%RSD	.1005858	.3868396	.6133611	.3342927	.1831256
#1	6760.892	95775.62	6409.039	5282.664	7299.391
#2	6771.645	96476.47	6441.626	5258.003	7314.224
#3	6773.503	95911.99	6363.419	5292.189	7326.122

Sample Name: Q3402-09 Acquired: 10/23/2025 15:43:09 Type: Unk
Method: 6010-200.7 NEW(v307) 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	**.0286143**	**-.000562**	**.0077178**	**.0044425**	**-.000664**	**.1354324**	**.1326410**
Stddev	.0006901	.000891	.0009935	.0032288	.002554	.0097603	.0012949
%RSD	2.411601	158.6805	12.87221	72.67997	384.8193	7.206775	.9762716
#1	.0278604	-.000477	.0068556	.0049552	-.000837	.1467024	.1339590
#2	.0292147	-.001493	.0088042	.0009880	.001973	.1297379	.1325937
#3	.0287677	.000284	.0074937	.0073842	-.003127	.1298569	.1313704

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000288**	**.0000779**	**6.723417**	**.0018808**	**.0048966**	**.0041838**	**.4831634**
Stddev	.000042	.0000397	.010821	.0002846	.0001829	.0001285	.0127659
%RSD	14.69468	50.92147	.1609486	15.13396	3.735422	3.071370	2.642145
#1	-.000331	.0001084	6.711154	.0021881	.0047796	.0040408	.4695027
#2	-.000288	.0000330	6.731625	.0018280	.0051074	.0042896	.4851971
#3	-.000246	.0000924	6.727471	.0016263	.0048029	.0042208	.4947903

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.714214**	**5.541856**	**.0093040**	**.0000210**	**254.7060**	**-.003924**	**.0662697**
Stddev	.016237	.070461	.0000645	.0003631	2.6757	.002117	.0006228
%RSD	.5982061	1.271431	.6930053	1733.494	1.050504	53.94141	.9398758
#1	2.695985	5.623190	.0092911	.0000007	256.7796	-.003575	.0662462
#2	2.719531	5.502997	.0092470	.0003938	251.6856	-.006194	.0656589
#3	2.727125	5.499380	.0093740	-.000332	255.6528	-.002004	.0669039

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.411063**	**.0226832**	**.0007203**	**-.020540**	**-.000780**	**.9648072**	**.0172082**
Stddev	.045412	.0011483	.0002017	.000289	.001799	.0283303	.0008393
%RSD	1.883471	5.062220	28.00408	1.404725	230.7003	2.936372	4.877052
#1	2.359243	.0220533	.0007837	-.020873	.000152	.9556999	.0180366
#2	2.430032	.0240085	.0008827	-.020363	-.002853	.9421506	.0163585
#3	2.443916	.0219877	.0004945	-.020384	.000362	.9965712	.0172295

Reviewed By:jaswal
On:10/28/2025 3:14:16 PM
Inst Id :P4
LB :LB137630

Sample Name: Q3402-09 Acquired: 10/23/2025 15:43:09 Type: Unk
Method: 6010-200.7 NEW(v307) 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	.6382326	-.007008	.0873668
Stddev	.0020850	.001854	.0005522
%RSD	.3266893	26.45522	.6320493
#1	.6364945	-.004886	.0869281
#2	.6405444	-.008314	.0871854
#3	.6376588	-.007824	.0879869

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6649.744	94830.44	6106.719	5337.440	7236.743
Stddev	7.692	489.70	54.092	27.112	12.258
%RSD	.1156750	.5163916	.8857760	.5079600	.1693788
#1	6655.553	95030.91	6115.522	5357.093	7243.640
#2	6641.020	95188.09	6048.765	5348.718	7222.591
#3	6652.659	94272.31	6155.869	5306.509	7243.999

Sample Name: Q3402-12 Acquired: 10/23/2025 15:47:29 Type: Unk
Method: 6010-200.7 NEW(v307) 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	**.0245151**	**-.000220**	**.0064723**	**.0039261**	**.0036564**	**.6196252**	**.1393000**
Stddev	.0009103	.001330	.0007475	.0025271	.0007893	.0124703	.0017482
%RSD	3.713014	604.2874	11.54993	64.36818	21.58640	2.012549	1.255018
#1	.0240699	-.001742	.0070466	.0061111	.0038385	.6203088	.1411678
#2	.0239132	.000362	.0056270	.0011585	.0043388	.6317397	.1390293
#3	.0255623	.000719	.0067433	.0045085	.0027920	.6068273	.1377029

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000192**	**-.000080**	**7.723846**	**.0022032**	**.0020438**	**.0085341**	**.4534397**
Stddev	.000021	.000053	.003742	.0000967	.0001651	.0001361	.0023973
%RSD	11.03581	65.92190	.0484497	4.386607	8.077494	1.594629	.5286815
#1	-.000168	-.000140	7.720598	.0023079	.0019057	.0086801	.4561789
#2	-.000199	-.000061	7.727938	.0021173	.0022267	.0084108	.4517247
#3	-.000209	-.000039	7.723001	.0021845	.0019991	.0085115	.4524155

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.9092865**	**8.089004**	**.0021488**	**-.000144**	**359.8551**	**-.000137**	**.0671624**
Stddev	.0009090	.058097	.0002280	.000279	1.8390	.001966	.0001011
%RSD	.0999646	.7182197	10.60878	194.0121	.5110293	1429.835	.1505971
#1	.9102636	8.070560	.0019672	-.000139	360.8388	-.000806	.0670795
#2	.9091299	8.154084	.0024047	-.000426	357.7335	.002075	.0672751
#3	.9084660	8.042367	.0020746	.000133	360.9929	-.001682	.0671325

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**3.192033**	**.0572208**	**.0008743**	**-.018496**	**.0069298**	**1.384267**	**.1136819**
Stddev	.008965	.0008821	.0001868	.001317	.0011849	.018527	.0001524
%RSD	.2808417	1.541602	21.35979	7.122079	17.09913	1.338378	.1340843
#1	3.181752	.0562595	.0006587	-.019500	.0058885	1.397280	.1138033
#2	3.196130	.0579930	.0009853	-.017004	.0066817	1.363055	.1135108
#3	3.198218	.0574100	.0009791	-.018983	.0082191	1.392465	.1137316

Reviewed By:jaswal
On:10/28/2025 3:14:16 PM
Inst Id :P4
LB :LB137630

Sample Name: Q3402-12 Acquired: 10/23/2025 15:47:29 Type: Unk
Method: 6010-200.7 NEW(v307) 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	.8237998	-.008199	.0925096
Stddev	.0036607	.000836	.0001129
%RSD	.4443691	10.19320	.1220085
#1	.8197298	-.008872	.0924009
#2	.8248467	-.007263	.0926262
#3	.8268231	-.008462	.0925017

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6609.729	93880.12	6086.919	5333.031	7112.646
Stddev	7.052	376.98	30.359	19.736	11.408
%RSD	.1066840	.4015500	.4987662	.3700778	.1603914
#1	6610.737	93446.97	6099.546	5327.239	7109.810
#2	6602.227	94134.02	6052.283	5355.015	7102.924
#3	6616.222	94059.38	6108.927	5316.838	7125.205

Sample Name: Q3403-04 Acquired: 10/23/2025 15:51:47 Type: Unk
Method: 6010-200.7 NEW(v307) 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	**.0001219**	**.0001629**	**.0027985**	**.0038456**	**.0011016**	**.1617615**	**.2170027**
Stddev	.0015155	.0014411	.0008098	.0016851	.0017737	.0165703	.0005984
%RSD	1243.050	884.4384	28.93608	43.81774	161.0182	10.24367	.2757433
#1	-.000174	-.001253	.0031235	.0023183	.0027809	.1607183	.2171682
#2	-.001223	.000113	.0033953	.0035653	.0012774	.1788288	.2175008
#3	.001764	.001628	.0018767	.0056533	-.000754	.1457375	.2163389

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0000327**	**-.000113**	**6.374759**	**.0015646**	**.0058933**	**.0050902**	**2.641858**
Stddev	.0000558	.000013	.020129	.0002629	.0001113	.0004143	.002147
%RSD	170.8663	11.33952	.3157661	16.80442	1.888179	8.139164	.0812541
#1	.0000533	-.000114	6.351516	.0016010	.0057651	.0054800	2.644073
#2	-.000031	-.000100	6.386280	.0018074	.0059500	.0046551	2.641713
#3	.000075	-.000126	6.386481	.0012854	.0059648	.0051354	2.639787

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.817680**	**1.111873**	**.0025068**	**-.000230**	**286.2345**	**-.004032**	**.0369502**
Stddev	.008662	.040326	.0002843	.000039	4.6449	.001696	.0002505
%RSD	.4765584	3.626837	11.34212	17.09935	1.622745	42.07984	.6779956
#1	1.822143	1.072515	.0022367	-.000206	291.3757	-.004473	.0372152
#2	1.823202	1.153101	.0024803	-.000209	282.3407	-.005464	.0367173
#3	1.807697	1.110004	.0028034	-.000275	284.9871	-.002158	.0369182

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3273396**	**.0054159**	**.0006396**	**-.020597**	**.0011288**	**.4171083**	**.0086845**
Stddev	.0456777	.0004790	.0001667	.000472	.0006603	.0216421	.0020047
%RSD	13.95421	8.843670	26.05610	2.293841	58.49540	5.188608	23.08385
#1	.2929005	.0053947	.0004474	-.020073	.0008021	.4366655	.0069654
#2	.3791556	.0059051	.0007424	-.020989	.0018887	.3938568	.0082016
#3	.3099628	.0049479	.0007292	-.020730	.0006955	.4208025	.0108866

Reviewed By:jaswal
On:10/28/2025 3:14:16 PM
Inst Id :P4
LB :LB137630

Sample Name: Q3403-04 Acquired: 10/23/2025 15:51:47 Type: Unk
Method: 6010-200.7 NEW(v307) 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	.1400827	-.010042	.0209514
Stddev	.0031345	.001243	.0001559
%RSD	2.237640	12.37733	.7440817
#1	.1380969	-.009506	.0208301
#2	.1384550	-.009157	.0211272
#3	.1436963	-.011463	.0208969

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6413.241	87867.42	5831.753	4877.533	6953.037
Stddev	21.134	297.81	33.029	20.071	24.987
%RSD	.3295364	.3389271	.5663586	.4115036	.3593695
#1	6393.046	87768.67	5833.935	4854.951	6929.071
#2	6411.474	87631.53	5797.687	4884.308	6951.106
#3	6435.203	88202.06	5863.636	4893.340	6978.933

Reviewed By:jaswal
On:10/28/2025 3:14:16 PM
Inst Id :P4
LB :LB137630

Sample Name: CCV03 Acquired: 10/23/2025 15:56:09 Type: Unk
Method: 6010-200.7 NEW(v307) 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	**4.957787**	**4.719896**	**5.016826**	**4.957112**	**4.844610**	**9.766885**	**9.593590**
Stddev	.018037	.049664	.006016	.020035	.019025	.035769	.041679
%RSD	.3638205	1.052234	.1199109	.4041642	.3927119	.3662245	.4344426
#1	4.974838	4.687738	5.023659	4.980211	4.863958	9.796170	9.626232
#2	4.938903	4.777096	5.014491	4.944456	4.825925	9.777464	9.607896
#3	4.959618	4.694855	5.012328	4.946669	4.843947	9.727020	9.546643

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2651287**	**2.520801**	**24.46848**	**1.026732**	**2.473524**	**1.239729**	**4.679391**
Stddev	.0031221	.004839	.09752	.004093	.004272	.003675	.039641
%RSD	1.177585	.1919503	.3985527	.3986478	.1726942	.2964496	.8471351
#1	.2665396	2.526388	24.57564	1.027117	2.478455	1.243786	4.684635
#2	.2672963	2.518063	24.38492	1.022460	2.470978	1.236622	4.637390
#3	.2615501	2.517952	24.44489	1.030619	2.471137	1.238778	4.716150

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.418623**	**24.79372**	**2.486888**	**1.234644**	**25.05129**	**2.429244**	**2.482177**
Stddev	.010539	.09551	.004264	.001249	.18442	.011561	.008845
%RSD	.4357618	.3852138	.1714717	.1011959	.7361879	.4759148	.3563470
#1	2.429127	24.88660	2.491811	1.236035	25.21210	2.442186	2.485181
#2	2.418694	24.69578	2.484362	1.233617	24.84998	2.425607	2.472221
#3	2.408049	24.79877	2.484490	1.234280	25.09180	2.419938	2.489129

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**24.84871**	**5.187746**	**4.929719**	**5.024115**	**4.818090**	**4.648759**	**5.052844**
Stddev	.18092	.066039	.019578	.010446	.013745	.049126	.004203
%RSD	.7280845	1.272973	.3971478	.2079194	.2852815	1.056749	.0831779
#1	24.79753	5.220712	4.951854	5.036173	4.833726	4.634732	5.054802
#2	24.69889	5.230812	4.914670	5.018336	4.807915	4.608172	5.048020
#3	25.04970	5.111714	4.922633	5.017835	4.812628	4.703372	5.055711

Reviewed By:jaswal
On:10/28/2025 3:14:16 PM
Inst Id :P4
LB :LB137630

Sample Name: CCV03 Acquired: 10/23/2025 15:56:09 Type: Unk
Method: 6010-200.7 NEW(v307) 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	**4.884290**	**4.726504**	**4.801404**
Stddev	.018736	.016482	.070633
%RSD	.3836055	.3487245	1.471084
#1	4.903030	4.741324	4.860032
#2	4.865558	4.729436	4.821192
#3	4.884282	4.708752	4.722988

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6811.342**	**96084.61**	**6047.304**	**5278.993**	**7349.603**
Stddev	3.541	487.69	46.720	46.837	10.056
%RSD	.0519797	.5075641	.7725769	.8872387	.1368301
#1	6814.928	96095.88	6021.387	5277.067	7360.362
#2	6811.249	96566.56	6019.287	5326.764	7340.440
#3	6807.849	95591.38	6101.238	5233.149	7348.008

Sample Name: CCB03 Acquired: 10/23/2025 16:11:18 Type: Unk
Method: 6010-200.7 NEW(v307) 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	**.0001954**	**-.000809**	**.0005416**	**.0011064**	**-.000309**	**-.013896**	**-.003042**
Stddev	.0009287	.001853	.0010996	.0035023	.001520	.013911	.001126
%RSD	475.2246	229.1259	203.0254	316.5344	492.4124	100.1090	37.02406
#1	.0011083	-.002866	.0008095	-.002675	.000524	-.013866	-.001844
#2	-.000748	-.000291	.0014825	.004239	.000613	.000000	-.004079
#3	.000226	.000730	-.000667	.001754	-.002063	-.027821	-.003202

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000035**	**-.000025**	**-.013773**	**-.000014**	**.0000140**	**-.000189**	**-.008578**
Stddev	.000092	.000061	.011264	.000213	.0000851	.000228	.008362
%RSD	261.6660	242.9408	81.78585	1525.417	608.6455	120.6247	97.48306
#1	.000068	.000044	-.017239	.000150	-.000067	.000074	-.018066
#2	-.000109	-.000072	-.001183	-.000255	.000103	-.000324	-.002280
#3	-.000066	-.000048	-.022896	.000063	.000006	-.000317	-.005389

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0004143**	**-.022099**	**-.000265**	**.0002544**	**.1633872**	**-.005098**	**-.000447**
Stddev	.0005310	.024220	.000229	.0000527	.0060406	.002348	.000266
%RSD	128.1673	109.5994	86.36133	20.70580	3.697132	46.05404	59.64902
#1	.0000225	-.035944	-.000118	.0002230	.1631481	-.003739	-.000165
#2	.0010187	.005868	-.000149	.0003152	.1574697	-.007809	-.000695
#3	.0002018	-.036220	-.000529	.0002251	.1695439	-.003746	-.000479

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2536985**	**-.007680**	**.0000472**	**-.006897**	**-.002132**	**.0167167**	**-.002924**
Stddev	.0576519	.000803	.0002317	.000323	.001172	.0140841	.000872
%RSD	22.72459	10.45379	490.4725	4.680633	54.98836	84.25158	29.81338
#1	.1874734	-.008253	.0002362	-.006556	-.000830	.0161283	-.002266
#2	.2809438	-.006762	.0001167	-.007198	-.002463	.0029360	-.002594
#3	.2926783	-.008024	-.000211	-.006937	-.003103	.0310858	-.003913

Sample Name: CCB03 Acquired: 10/23/2025 16:11:18 Type: Unk
Method: 6010-200.7 NEW(v307) 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	-.002025	.0033722	-.000045
Stddev	.001577	.0025270	.000035
%RSD	77.91013	74.93638	77.30308
#1	-.000480	.0061588	-.000008
#2	-.001962	.0012292	-.000077
#3	-.003633	.0027286	-.000051

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	7317.841	104766.3	6344.163	5725.788	8870.612
Stddev	26.265	157.9	68.494	8.791	25.132
%RSD	.3589159	.1507283	1.079634	.1535404	.2833219
#1	7292.023	104756.2	6277.595	5735.142	8854.669
#2	7316.969	104929.1	6340.463	5724.528	8857.584
#3	7344.531	104613.7	6414.432	5717.695	8899.584

Reviewed By:jaswal
On:10/28/2025 3:14:16 PM
Inst Id :P4
LB :LB137630

Sample Name: Q3404-02 Acquired: 10/23/2025 16:15:32 Type: Unk
Method: 6010-200.7 NEW(v307) 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	**-.000746**	**-.000025**	**.0006147**	**.0033078**	**.0007852**	**.2332339**	**.1565735**
Stddev	.002942	.001417	.0007676	.0031214	.0015717	.0134283	.0038015
%RSD	394.1996	5643.426	124.8715	94.36507	200.1691	5.757444	2.427912
#1	-.002723	-.001344	.0000180	-.000278	.0009411	.2487114	.1522502
#2	-.002151	.001474	.0003455	.004787	-.000859	.2263046	.1580773
#3	.002635	-.000205	.0014807	.005414	.002273	.2246857	.1593931

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000005**	**.0000545**	**15.19132**	**.0018498**	**-.000059**	**.0006405**	**.3496821**
Stddev	.000037	.0000571	.05923	.0002350	.000035	.0001273	.0115339
%RSD	743.3898	104.8769	.3899241	12.70487	59.50555	19.88085	3.298386
#1	-.000045	.0000513	15.17615	.0016041	-.000034	.0007534	.3416102
#2	.000003	.0001132	15.14115	.0018728	-.000044	.0005025	.3628921
#3	.000027	-.000001	15.25666	.0020725	-.000099	.0006655	.3445440

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0103257**	**2.748207**	**.0000178**	**.0002543**	**298.2515**	**-.001026**	**.0719238**
Stddev	.0002731	.044568	.0003033	.0007075	4.6234	.003406	.0005561
%RSD	2.644954	1.621726	1702.118	278.2144	1.550181	331.8941	.7731589
#1	.0104284	2.751929	-.000326	.0009422	302.8888	-.003170	.0715932
#2	.0100162	2.701894	.000130	-.000471	293.6420	-.002811	.0725658
#3	.0105326	2.790798	.000249	.000292	298.2238	.002901	.0716124

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5722509**	**.0244551**	**.0006221**	**-.019556**	**.0052964**	**.7775376**	**.0151788**
Stddev	.0209732	.0008796	.0002217	.000243	.0019073	.0023483	.0009937
%RSD	3.665034	3.596854	35.64411	1.243038	36.01115	.3020165	6.546864
#1	.5593178	.0234867	.0006001	-.019788	.0032542	.7748508	.0157253
#2	.5964495	.0252045	.0004122	-.019303	.0056035	.7785642	.0157792
#3	.5609853	.0246741	.0008540	-.019577	.0070316	.7791978	.0140317

Sample Name: Q3404-02 Acquired: 10/23/2025 16:15:32 Type: Unk
Method: 6010-200.7 NEW(v307) 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	.3094368	-.009349	.1285090
Stddev	.0009558	.000509	.0005973
%RSD	.3088822	5.446241	.4648119
#1	.3098732	-.009839	.1282634
#2	.3100964	-.009383	.1280736
#3	.3083406	-.008823	.1291899

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6772.392	92879.24	6063.997	5160.619	7319.172
Stddev	20.669	321.90	22.639	16.843	24.251
%RSD	.3052009	.3465801	.3733286	.3263713	.3313419
#1	6777.760	92519.40	6089.438	5146.861	7327.869
#2	6749.569	93139.82	6046.074	5155.593	7291.771
#3	6789.849	92978.50	6056.480	5179.402	7337.876

Sample Name: Q3404-06 Acquired: 10/23/2025 16:19:53 Type: Unk
Method: 6010-200.7 NEW(v307) 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	**.0057339**	**.0053958**	**.0037665**	**.0054858**	**.0028551**	**.0574566**	**.1451201**
Stddev	.0020105	.0017339	.0007027	.0012471	.0013283	.0075590	.0000297
%RSD	35.06369	32.13368	18.65749	22.73377	46.52257	13.15596	.0204348
#1	.0053161	.0035608	.0030038	.0063663	.0023068	.0641770	.1451437
#2	.0079204	.0070068	.0039080	.0060325	.0018889	.0492730	.1450868
#3	.0039650	.0056198	.0043877	.0040587	.0043698	.0589197	.1451297

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000016**	**.0013589**	**19.81675**	**.0011382**	**.0013884**	**.0119791**	**.1420582**
Stddev	.000067	.0000717	.04069	.0002134	.0001789	.0001402	.0034678
%RSD	421.5723	5.278231	.2053490	18.75002	12.88395	1.170414	2.441138
#1	-.000094	.0014357	19.80463	.0011852	.0015913	.0118174	.1439714
#2	.000024	.0013473	19.78349	.0009053	.0012535	.0120676	.1441480
#3	.000022	.0012936	19.86212	.0013243	.0013203	.0120522	.1380552

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1887631**	**3.564500**	**.0028681**	**-.000371**	**300.0100**	**-.002796**	**.2210605**
Stddev	.0015867	.026672	.0000679	.000585	4.4201	.002739	.0003446
%RSD	.8405627	.7482539	2.366578	157.7607	1.473325	97.93218	.1558988
#1	.1896650	3.541320	.0028611	-.001026	303.5142	-.002305	.2206690
#2	.1869310	3.593651	.0029392	-.000185	301.4716	-.005747	.2213183
#3	.1896933	3.558529	.0028039	.000099	295.0442	-.000337	.2211941

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**8.953301**	**.0408627**	**.0005154**	**-.021623**	**-.000660**	**2.071171**	**.0210026**
Stddev	.144838	.0017194	.0000676	.000284	.000240	.029634	.0007690
%RSD	1.617710	4.207725	13.11559	1.311817	36.37758	1.430772	3.661330
#1	9.072080	.0401094	.0005927	-.021919	-.000400	2.097461	.0218433
#2	8.791946	.0428301	.0004678	-.021595	-.000874	2.076995	.0203347
#3	8.995875	.0396485	.0004856	-.021354	-.000706	2.039058	.0208299

Sample Name: Q3404-06 Acquired: 10/23/2025 16:19:53 Type: Unk
Method: 6010-200.7 NEW(v307) 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	1.223524	-.005419	.1635811
Stddev	.009204	.001651	.0012312
%RSD	.7522686	30.46725	.7526218
#1	1.233503	-.005563	.1634427
#2	1.215367	-.006993	.1624249
#3	1.221702	-.003701	.1648755

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6761.476	94478.15	6147.866	5301.722	7295.990
Stddev	10.196	245.01	61.601	3.312	14.291
%RSD	.1507988	.2593315	1.001989	.0624673	.1958814
#1	6768.187	94195.24	6215.812	5301.498	7309.524
#2	6749.743	94621.62	6095.668	5305.141	7281.046
#3	6766.499	94617.58	6132.118	5298.529	7297.400

Sample Name: Q3416-01 Acquired: 10/23/2025 16:24:12 Type: Unk
Method: 6010-200.7 NEW(v307) 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	**.0307700**	**-.004413**	**.2154016**	**-.004102**	**-.013391**	**71.70672**	**.3750235**
Stddev	.0025028	.001236	.0010037	.004589	.001125	.21676	.0011549
%RSD	8.133883	28.01537	.4659459	111.8653	8.402826	.3022896	.3079483
#1	.0281190	-.003850	.2162191	-.006458	-.013660	71.92504	.3759097
#2	.0330921	-.003558	.2157043	.001186	-.014357	71.49155	.3754433
#3	.0310987	-.005830	.2142815	-.007036	-.012155	71.70358	.3737174

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0089472**	**.0020976**	**141.5540**	**.1570566**	**.0977578**	**.3189564**	**194.6864**
Stddev	.0001474	.0002553	.2376	.0006318	.0003070	.0033899	1.2044
%RSD	1.647428	12.17275	.1678434	.4022843	.3140217	1.062816	.6186345
#1	.0090282	.0023838	141.8243	.1577825	.0980568	.3227618	193.4420
#2	.0087770	.0018933	141.4593	.1567567	.0977733	.3178478	195.8463
#3	.0090363	.0020157	141.3783	.1566306	.0974434	.3162595	194.7710

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**3.567493**	**110.9535**	**.1924734**	**-.006909**	**3.048296**	**.2763614**	**.4247386**
Stddev	.014139	.2548	.0012793	.000613	.049291	.0030738	.0014692
%RSD	.3963379	.2296391	.6646740	8.879409	1.616986	1.112234	.3458997
#1	3.577322	111.2016	.1938753	-.007507	2.991490	.2793864	.4235267
#2	3.573867	110.9665	.1921756	-.006939	3.079755	.2732411	.4263727
#3	3.551288	110.6925	.1913692	-.006281	3.073642	.2764568	.4243166

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**10.53031**	**.4132294**	**.0051501**	**.0019096**	**4.360200**	**7.020381**	**2.302468**
Stddev	.14583	.0060277	.0003236	.0004643	.010352	.095422	.012379
%RSD	1.384820	1.458673	6.283907	24.31436	.2374280	1.359216	.5376360
#1	10.36652	.4067926	.0051265	.0023101	4.356976	7.116910	2.290865
#2	10.57838	.4187409	.0048389	.0014007	4.351844	6.926106	2.315499
#3	10.64604	.4141548	.0054849	.0020181	4.371781	7.018127	2.301041

Reviewed By:jaswal
On:10/28/2025 3:14:16 PM
Inst Id :P4
LB :LB137630

Sample Name: Q3416-01 Acquired: 10/23/2025 16:24:12 Type: Unk
Method: 6010-200.7 NEW(v307) 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	6.960905	.1985652	-.041800
Stddev	.021310	.0020608	.001492
%RSD	.3061340	1.037864	3.570339
#1	6.936609	.1964054	-.040106
#2	6.969679	.2005103	-.042372
#3	6.976427	.1987800	-.042922

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	7077.041	99749.79	6341.130	5597.306	6880.762
Stddev	29.406	164.46	60.261	5.091	23.122
%RSD	.4155187	.1648735	.9503118	.0909568	.3360357
#1	7050.526	99608.72	6271.737	5603.181	6860.788
#2	7071.929	99930.43	6380.266	5594.537	6875.406
#3	7108.668	99710.21	6371.389	5594.199	6906.092

Sample Name: CCV04 Acquired: 10/23/2025 16:43:50 Type: Unk
Method: 6010-200.7 NEW(v307) 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	**4.958974**	**4.763144**	**5.019549**	**4.921921**	**4.833215**	**9.683821**	**9.849672**
Stddev	.010726	.217929	.002912	.021966	.008198	.015857	.013152
%RSD	.2162973	4.575315	.0580158	.4462944	.1696111	.1637489	.1335225
#1	4.971098	5.011275	5.022220	4.944767	4.826147	9.687869	9.848997
#2	4.950720	4.602800	5.019982	4.920042	4.842202	9.666332	9.863148
#3	4.955104	4.675356	5.016444	4.900955	4.831296	9.697262	9.836871

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2657734**	**2.522771**	**24.59570**	**1.003668**	**2.480666**	**1.241897**	**4.665252**
Stddev	.0012615	.003597	.01460	.000248	.001622	.002587	.008840
%RSD	.4746494	.1425656	.0593403	.0247255	.0653810	.2083087	.1894905
#1	.2644389	2.526780	24.57886	1.003937	2.481726	1.239055	4.657164
#2	.2659348	2.521707	24.60444	1.003448	2.481473	1.244115	4.674689
#3	.2669464	2.519827	24.60382	1.003621	2.478799	1.242522	4.663902

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.469437**	**24.63538**	**2.494000**	**1.220627**	**22.79958**	**2.427925**	**2.453408**
Stddev	.002793	.16300	.000468	.001965	.10879	.008197	.012174
%RSD	.1131078	.6616317	.0187754	.1609905	.4771389	.3376142	.4961927
#1	2.469743	24.45218	2.494353	1.218385	22.91720	2.436812	2.440365
#2	2.472064	24.68960	2.494177	1.221445	22.77895	2.420661	2.455389
#3	2.466503	24.76434	2.493468	1.222051	22.70259	2.426302	2.464469

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**23.49294**	**5.274128**	**4.887967**	**5.042060**	**4.869212**	**4.572035**	**5.159963**
Stddev	.03829	.033231	.006842	.015245	.004370	.009172	.024126
%RSD	.1629805	.6300800	.1399852	.3023582	.0897512	.2006008	.4675563
#1	23.53406	5.237771	4.895634	5.059494	4.866940	4.579355	5.186549
#2	23.48647	5.281677	4.885787	5.035452	4.866446	4.561747	5.139462
#3	23.45830	5.302935	4.882480	5.031234	4.874250	4.575003	5.153879

Reviewed By:jaswal
On:10/28/2025 3:14:16 PM
Inst Id :P4
LB :LB137630

Sample Name: CCV04 Acquired: 10/23/2025 16:43:50 Type: Unk
Method: 6010-200.7 NEW(v307) 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	**4.923279**	**4.710954**	**4.855829**
Stddev	.044506	.003732	.027784
%RSD	.9039973	.0792266	.5721699
#1	4.974083	4.713997	4.830119
#2	4.891168	4.712075	4.885303
#3	4.904586	4.706790	4.852066

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6871.509**	**97378.42**	**5984.404**	**5479.315**	**7371.778**
Stddev	7.321	425.70	37.143	16.023	9.518
%RSD	.1065465	.4371613	.6206586	.2924246	.1291194
#1	6878.193	97241.84	5999.100	5483.944	7370.263
#2	6872.651	97855.65	6011.950	5492.513	7381.964
#3	6863.684	97037.77	5942.161	5461.487	7363.109

Reviewed By:jaswal
On:10/28/2025 3:14:16 PM
Inst Id :P4
LB :LB137630

Sample Name: CCB04 Acquired: 10/23/2025 16:47:54 Type: Unk
Method: 6010-200.7 NEW(v307) 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	**.0007488**	**-.000206**	**.0011532**	**-.000588**	**-.000752**	**-.007264**	**-.003225**
Stddev	.0013341	.001843	.0011703	.001379	.002091	.014798	.001896
%RSD	178.1684	896.1078	101.4792	234.4456	277.9444	203.7327	58.79159
#1	-.000753	-.002155	.0012652	-.002069	-.003163	-.019615	-.002216
#2	.001797	.000030	.0022634	.000658	.000574	-.011315	-.002047
#3	.001203	.001508	-.000069	-.000354	.000332	.009139	-.005413

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0000074**	**.0000299**	**.0004482**	**.0001326**	**-.000101**	**.0000626**	**-.000286**
Stddev	.0000373	.0000319	.0137301	.0002397	.000196	.0003950	.008033
%RSD	503.7278	106.6299	3063.321	180.8059	193.4251	630.7617	2809.816
#1	.0000156	.0000602	-.007454	.0001909	-.000327	.0003001	-.009137
#2	-.000033	.0000328	.016302	.0003378	.000024	.0002811	.006542
#3	.000040	-.000003	-.007504	-.000131	-.000000	-.000393	.001737

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000010**	**-.000424**	**-.000047**	**-.000268**	**.1106199**	**-.002324**	**-.000270**
Stddev	.000381	.023260	.000410	.000111	.0349932	.001487	.000350
%RSD	3911.545	5487.521	868.1539	41.54330	31.63372	63.98378	129.3324
#1	-.000393	-.015605	-.000041	-.000249	.0714071	-.002099	-.000457
#2	-.000004	.026355	-.000461	-.000388	.1217826	-.000962	.000133
#3	.000368	-.012022	.000360	-.000168	.1386698	-.003910	-.000487

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2138007**	**.0075983**	**.0003626**	**-.006013**	**-.001928**	**.0030171**	**-.002280**
Stddev	.0253018	.0008367	.0002552	.000597	.001459	.0104402	.000741
%RSD	11.83431	11.01181	70.39187	9.928441	75.65899	346.0354	32.47910
#1	.2311641	.0085636	.0006531	-.005328	-.001208	.0029807	-.003134
#2	.2254677	.0071512	.0001743	-.006421	-.003607	-.007405	-.001808
#3	.1847704	.0070802	.0002603	-.006289	-.000970	.013475	-.001899

Reviewed By:jaswal
On:10/28/2025 3:14:16 PM
Inst Id :P4
LB :LB137630

Sample Name: CCB04 Acquired: 10/23/2025 16:47:54 Type: Unk
Method: 6010-200.7 NEW(v307) 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	**-.001772**	**.0005120**	**.0000123**
Stddev	.000275	.0015328	.0002090
%RSD	15.52262	299.3782	1693.752
#1	-.002066	-.000416	-.000008
#2	-.001731	-.000330	-.000186
#3	-.001520	.002281	.000231

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7238.838**	**103456.0**	**6225.608**	**5776.856**	**8778.653**
Stddev	6.722	1410.0	150.642	86.193	8.565
%RSD	.0928641	1.362902	2.419719	1.492031	.0975702
#1	7231.584	105070.9	6140.735	5876.164	8771.357
#2	7244.858	102469.1	6136.551	5732.918	8788.084
#3	7240.071	102828.0	6399.538	5721.487	8776.517

Reviewed By:jaswal
On:10/28/2025 3:14:16 PM
Inst Id :P4
LB :LB137630

Sample Name: Q3412-04 Acquired: 10/23/2025 16:51:43 Type: Unk
Method: 6010-200.7 NEW(v307) 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	**-.001290**	**.0011918**	**.0134662**	**.0043915**	**.0018476**	**.0424968**	**.1030077**
Stddev	.002035	.0003314	.0008930	.0013697	.0006836	.0135266	.0012485
%RSD	157.7779	27.80951	6.631370	31.18989	36.99764	31.82973	1.212027
#1	-.003077	.0009433	.0126211	.0059290	.0026122	.0274101	.1023628
#2	.000925	.0015681	.0133771	.0033016	.0016347	.0465382	.1044468
#3	-.001717	.0010640	.0144004	.0039439	.0012958	.0535420	.1022136

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000078**	**-.000047**	**10.91131**	**.0006975**	**-.000108**	**.0058211**	**.0235212**
Stddev	.000019	.000043	.02766	.0003315	.000096	.0003143	.0114830
%RSD	23.96316	91.91194	.2534759	47.53359	88.82584	5.400059	48.82006
#1	-.000084	-.000026	10.89573	.0004098	-.000093	.0060170	.0154932
#2	-.000094	-.000018	10.89495	.0010601	-.000211	.0054586	.0183960
#3	-.000057	-.000097	10.94324	.0006226	-.000020	.0059879	.0366743

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0300155**	**.9865478**	**.0004387**	**.0001467**	**162.6933**	**-.000435**	**.0247166**
Stddev	.0001783	.0261493	.0002512	.0002984	.9858	.002951	.0000421
%RSD	.5939869	2.650590	57.26676	203.3114	.6059186	678.8833	.1702151
#1	.0300719	1.015944	.0001774	-.000184	163.4352	.001653	.0247471
#2	.0298158	.965877	.0006785	.000228	163.0701	-.003810	.0247340
#3	.0301587	.977821	.0004603	.000396	161.5747	.000853	.0246686

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.6845847**	**.0124275**	**.0007988**	**-.020830**	**.0003693**	**.8356714**	**.0679861**
Stddev	.0203700	.0009231	.0001989	.000109	.0007923	.0106816	.0027749
%RSD	2.975524	7.428315	24.90411	.5224927	214.5278	1.278209	4.081532
#1	.6783314	.0120135	.0007774	-.020866	-.000469	.8382924	.0678254
#2	.6680744	.0117838	.0006114	-.020916	.000471	.8239232	.0708378
#3	.7073482	.0134852	.0010076	-.020708	.001106	.8447986	.0652951

Reviewed By:jaswal
On:10/28/2025 3:14:16 PM
Inst Id :P4
LB :LB137630

Sample Name: Q3412-04 Acquired: 10/23/2025 16:51:43 Type: Unk
Method: 6010-200.7 NEW(v307) 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	.2281703	-.011223	.0815328
Stddev	.0024129	.000949	.0001730
%RSD	1.057496	8.459729	.2121951
#1	.2281299	-.010645	.0816731
#2	.2257778	-.010704	.0815859
#3	.2306031	-.012318	.0813395

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6373.455	90496.25	5700.173	4988.185	7032.969
Stddev	13.388	280.39	1.292	18.790	11.351
%RSD	.2100610	.3098312	.0226619	.3766889	.1613996
#1	6360.756	90437.83	5700.115	4975.651	7021.882
#2	6372.169	90249.67	5701.493	4979.113	7032.458
#3	6387.439	90801.24	5698.911	5009.789	7044.567

Sample Name: Q3412-04DUP Acquired: 10/23/2025 16:55:57 Type: Unk
Method: 6010-200.7 NEW(v307) 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	**.0008555**	**.0008515**	**.0125991**	**.0047707**	**.0023471**	**.0433971**	**.0949397**
Stddev	.0006555	.0016197	.0007404	.0003387	.0004144	.0117830	.0033624
%RSD	76.61446	190.2122	5.876591	7.098810	17.65663	27.15167	3.541644
#1	.0005021	.0022976	.0122105	.0051474	.0026744	.0470162	.0910583
#2	.0004527	-.000899	.0121340	.0044915	.0024857	.0529462	.0969638
#3	.0016119	.001156	.0134529	.0046732	.0018811	.0302290	.0967970

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000001**	**-.000086**	**10.30080**	**.0007962**	**-.000259**	**.0056413**	**.0302081**
Stddev	.000023	.000057	.13373	.0002692	.000151	.0002848	.0031542
%RSD	4061.235	66.24610	1.298277	33.81137	58.14121	5.047729	10.44159
#1	.000026	-.000121	10.15425	.0009716	-.000103	.0058663	.0281961
#2	-.000011	-.000117	10.41622	.0004862	-.000403	.0053212	.0338433
#3	-.000017	-.000020	10.33193	.0009308	-.000271	.0057365	.0285848

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0391592**	**.9118435**	**.0006426**	**.0001397**	**153.1376**	**-.004526**	**.0250016**
Stddev	.0004488	.0167507	.0003343	.0002530	1.8613	.000396	.0002196
%RSD	1.146183	1.837019	52.02267	181.1522	1.215471	8.749210	.8783117
#1	.0387309	.8939980	.0009248	-.000087	154.7034	-.004416	.0251094
#2	.0396261	.9143056	.0007297	.000093	153.6297	-.004965	.0251464
#3	.0391207	.9272270	.0002734	.000413	151.0796	-.004196	.0247489

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.7478422**	**.0078362**	**.0004500**	**-.018382**	**.0000197**	**.8188847**	**.0643140**
Stddev	.0432531	.0010716	.0002840	.000721	.0005733	.0138355	.0007926
%RSD	5.783720	13.67486	63.12092	3.919822	2904.264	1.689551	1.232428
#1	.7533839	.0068502	.0005956	-.018037	-.000404	.8298535	.0633992
#2	.7880573	.0089766	.0001227	-.019210	.000672	.8234594	.0647477
#3	.7020853	.0076818	.0006317	-.017899	-.000209	.8033413	.0647951

Reviewed By:jaswal
On:10/28/2025 3:14:16 PM
Inst Id :P4
LB :LB137630

Sample Name: Q3412-04DUP Acquired: 10/23/2025 16:55:57 Type: Unk
Method: 6010-200.7 NEW(v307) 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	.2816665	-.012251	.0761126
Stddev	.0010733	.002923	.0009204
%RSD	.3810552	23.85823	1.209333
#1	.2827781	-.010178	.0750873
#2	.2815853	-.010981	.0768677
#3	.2806361	-.015594	.0763826

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6748.049	94223.15	6103.497	5177.624	7453.284
Stddev	18.109	511.65	67.696	42.444	20.798
%RSD	.2683576	.5430210	1.109134	.8197571	.2790442
#1	6728.756	93734.33	6181.553	5144.048	7430.562
#2	6764.679	94180.19	6068.112	5163.492	7471.379
#3	6750.712	94754.93	6060.827	5225.331	7457.912

Sample Name: Q3412-04LX5 Acquired: 10/23/2025 17:00:11 Type: Unk
Method: 6010-200.7 NEW(v307) 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	**.0007020**	**.0031208**	**.0018093**	**.0008443**	**-.001651**	**.0057435**	**.0212790**
Stddev	.0012765	.0015359	.0011172	.0005207	.001871	.0084798	.0025846
%RSD	181.8319	49.21450	61.74691	61.66705	113.2925	147.6414	12.14612
#1	-.000547	.0017405	.0005193	.0011590	-.000765	-.000856	.0242397
#2	.002004	.0028467	.0024565	.0011307	-.000389	.002779	.0201236
#3	.000649	.0047753	.0024522	.0002433	-.003801	.015308	.0194737

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000024**	**-.000040**	**2.150520**	**.0002145**	**-.000017**	**.0010267**	**-.007855**
Stddev	.000023	.000025	.030260	.0001075	.000116	.0002197	.015774
%RSD	95.38472	62.50905	1.407116	50.10147	672.5487	21.39916	200.8144
#1	-.000022	-.000057	2.163734	.0001382	-.000151	.0012660	.005518
#2	-.000002	-.000011	2.171926	.0001680	.000059	.0009802	-.025250
#3	-.000049	-.000052	2.115900	.0003374	.000040	.0008340	-.003832

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0059947**	**.1979452**	**-.000077**	**.0000447**	**31.17673**	**-.003175**	**.0045332**
Stddev	.0004495	.0244805	.000267	.0001838	.10451	.002975	.0001412
%RSD	7.498292	12.36733	344.6323	410.9149	.3352229	93.70359	3.114761
#1	.0054878	.1705948	.000185	.0000750	31.11576	-.003239	.0045430
#2	.0063450	.2178060	-.000349	-.000152	31.29740	-.006119	.0043873
#3	.0061512	.2054349	-.000068	.000212	31.11702	-.000169	.0046692

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3627731**	**-.002146**	**.0001437**	**-.008026**	**-.001712**	**.1693390**	**.0103732**
Stddev	.0558768	.000108	.0000824	.000199	.001029	.0136063	.0000536
%RSD	15.40268	5.019212	57.35103	2.482225	60.13041	8.034950	.5168412
#1	.3394291	-.002047	.0000510	-.007879	-.000994	.1554446	.0103517
#2	.3223537	-.002261	.0002087	-.007947	-.002891	.1826376	.0104343
#3	.4265364	-.002130	.0001713	-.008253	-.001250	.1699348	.0103337

Reviewed By:jaswal
On:10/28/2025 3:14:16 PM
Inst Id :P4
LB :LB137630

Sample Name: Q3412-04LX5 Acquired: 10/23/2025 17:00:11 Type: Unk
Method: 6010-200.7 NEW(v307) 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	.0479950	.0051986	.0163197
Stddev	.0001970	.0036316	.0000508
%RSD	.4104838	69.85852	.3112971
#1	.0479711	.0013694	.0163303
#2	.0482028	.0085936	.0163644
#3	.0478109	.0056328	.0162645

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6983.805	98534.78	6064.126	5410.588	7997.922
Stddev	86.660	494.69	39.053	30.183	98.577
%RSD	1.240864	.5020506	.6440003	.5578486	1.232534
#1	6894.829	98590.26	6022.933	5420.791	7894.021
#2	6988.642	98999.39	6100.612	5434.347	8009.611
#3	7067.945	98014.68	6068.831	5376.626	8090.133

Sample Name: Q3412-04MS Acquired: 10/23/2025 17:04:25 Type: Unk
Method: 6010-200.7 NEW(v307) 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	**.8069009**	**1.625399**	**.9737080**	**2.001936**	**.7765724**	**1.958714**	**.4040799**
Stddev	.0019175	.034303	.0031489	.005807	.0032208	.032081	.0016464
%RSD	.2376309	2.110409	.3233957	.2900504	.4147512	1.637837	.4074518
#1	.8047150	1.597562	.9707217	2.005325	.7749029	1.994502	.4035491
#2	.8082985	1.614915	.9769976	2.005251	.7802852	1.932540	.4027642
#3	.8076893	1.663721	.9734048	1.995231	.7745291	1.949099	.4059262

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1810016**	**.2002643**	**24.03758**	**.3751707**	**.1989834**	**.3051243**	**2.983910**
Stddev	.0010737	.0007613	.09629	.0017363	.0004516	.0004582	.013288
%RSD	.5931895	.3801458	.4005731	.4628110	.2269294	.1501771	.4453086
#1	.1815538	.2002239	24.09869	.3771725	.1988465	.3050396	2.969662
#2	.1797642	.2010450	23.92658	.3742657	.1994876	.3056190	2.995963
#3	.1816867	.1995240	24.08746	.3740737	.1986162	.3047144	2.986105

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2586763**	**3.961172**	**.4995596**	**.0692917**	**367.1033**	**.2912954**	**.2565575**
Stddev	.0022977	.079527	.0022830	.0003719	3.7705	.0052054	.0009094
%RSD	.8882463	2.007653	.4570107	.5366598	1.027107	1.786992	.3544749
#1	.2601243	4.052919	.4992189	.0696666	371.4567	.2952843	.2576045
#2	.2560270	3.918677	.5019938	.0689229	364.8709	.2931949	.2559640
#3	.2598777	3.911922	.4974660	.0692856	364.9824	.2854069	.2561040

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**11.95295**	**.2957713**	**.4067768**	**.6898160**	**.1886405**	**2.639656**	**6.367566**
Stddev	.05910	.0031882	.0011367	.0015356	.0020956	.014819	.008694
%RSD	.4944436	1.077915	.2794384	.2226049	1.110919	.5613930	.1365281
#1	12.00157	.2980989	.4056577	.6883960	.1907881	2.656237	6.359294
#2	11.97010	.2921375	.4079303	.6914456	.1866010	2.635026	6.376627
#3	11.88717	.2970776	.4067424	.6896065	.1885323	2.627704	6.366776

Sample Name: Q3412-04MS Acquired: 10/23/2025 17:04:25 Type: Unk
Method: 6010-200.7 NEW(v307) 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	.4918733	.1748702	.3590337
Stddev	.0026009	.0009012	.0028482
%RSD	.5287797	.5153621	.7932972
#1	.4897094	.1738649	.3603123
#2	.4947589	.1756056	.3557703
#3	.4911517	.1751402	.3610186

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6552.218	91166.29	5964.698	5211.247	6955.773
Stddev	16.837	373.43	26.486	24.793	23.521
%RSD	.2569733	.4096126	.4440443	.4757623	.3381512
#1	6557.681	91093.69	5953.769	5186.123	6964.071
#2	6533.327	90834.50	5994.899	5211.925	6929.228
#3	6565.645	91570.69	5945.425	5235.695	6974.020

Sample Name: Q3412-04MSD Acquired: 10/23/2025 17:08:33 Type: Unk
Method: 6010-200.7 NEW(v307) 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	**.7883263**	**1.659072**	**.9443003**	**1.977810**	**.7584095**	**1.929436**	**.3907441**
Stddev	.0058455	.071149	.0027816	.011860	.0014829	.018314	.0024543
%RSD	.7415111	4.288462	.2945643	.5996383	.1955322	.9492143	.6281093
#1	.7824972	1.579728	.9418377	1.964137	.7591680	1.943003	.3929732
#2	.7941881	1.680290	.9473173	1.985321	.7593597	1.936702	.3881140
#3	.7882938	1.717197	.9437459	1.983970	.7567007	1.908603	.3911451

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1754500**	**.1947270**	**23.59961**	**.3659335**	**.1932216**	**.2959841**	**2.934124**
Stddev	.0009073	.0001632	.02087	.0011379	.0007084	.0003662	.035938
%RSD	.5171166	.0838086	.0884313	.3109631	.3666437	.1237362	1.224844
#1	.1746190	.1945443	23.57748	.3646641	.1933033	.2963287	2.896362
#2	.1764180	.1948584	23.60242	.3668620	.1938856	.2955995	2.938102
#3	.1753130	.1947783	23.61893	.3662745	.1924758	.2960242	2.967908

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2518391**	**3.958920**	**.4842767**	**.0679440**	**362.9373**	**.2798524**	**.2503040**
Stddev	.0014850	.010060	.0004859	.0001802	1.6674	.0009894	.0010178
%RSD	.5896670	.2541010	.1003264	.2652034	.4594179	.3535439	.4066256
#1	.2501846	3.959574	.4848332	.0680707	364.0990	.2808693	.2491824
#2	.2522760	3.948550	.4839364	.0680235	363.6861	.2788929	.2511688
#3	.2530565	3.968637	.4840606	.0677377	361.0268	.2797951	.2505608

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**11.83142**	**.2819353**	**.3966346**	**.6664970**	**.1853238**	**2.634603**	**6.207119**
Stddev	.07227	.0008434	.0009383	.0020724	.0018988	.032597	.032065
%RSD	.6108698	.2991358	.2365578	.3109312	1.024566	1.237279	.5165899
#1	11.78850	.2815260	.3955512	.6642138	.1869116	2.602364	6.174132
#2	11.79090	.2829052	.3971668	.6682588	.1832205	2.633899	6.238175
#3	11.91486	.2813747	.3971857	.6670185	.1858392	2.667547	6.209051

Reviewed By:jaswal
On:10/28/2025 3:14:16 PM
Inst Id :P4
LB :LB137630

Sample Name: Q3412-04MSD Acquired: 10/23/2025 17:08:33 Type: Unk
Method: 6010-200.7 NEW(v307) 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	.4800720	.1740668	.3506486
Stddev	.0075411	.0032531	.0008252
%RSD	1.570835	1.868899	.2353473
#1	.4728036	.1736502	.3498196
#2	.4878591	.1710421	.3506559
#3	.4795532	.1775082	.3514701

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6919.425	96499.20	6400.710	5420.825	7357.324
Stddev	36.038	315.03	1.581	22.427	36.587
%RSD	.5208279	.3264535	.0247080	.4137102	.4972849
#1	6881.681	96779.27	6402.465	5400.273	7318.952
#2	6923.122	96560.19	6399.395	5444.745	7361.203
#3	6953.472	96158.14	6400.269	5417.457	7391.816

Sample Name: Q3412-04A Acquired: 10/23/2025 17:12:41 Type: Unk
Method: 6010-200.7 NEW(v307) 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	**.7822790**	**1.608536**	**.9373411**	**1.949377**	**.7732554**	**1.877425**	**.2761941**
Stddev	.0015493	.057065	.0004299	.005647	.0011112	.005587	.0010531
%RSD	.1980547	3.547647	.0458582	.2896856	.1436997	.2975851	.3812699
#1	.7839584	1.673176	.9372366	1.953903	.7733728	1.879723	.2751694
#2	.7809052	1.565140	.9378136	1.943049	.7743033	1.881497	.2761397
#3	.7819734	1.587292	.9369731	1.951179	.7720903	1.871056	.2772733

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1762964**	**.1926004**	**11.07337**	**.3710420**	**.1922226**	**.2947323**	**2.868339**
Stddev	.0007287	.0000805	.04721	.0014762	.0005553	.0003159	.025945
%RSD	.4133390	.0417938	.4263090	.3978600	.2888742	.1071683	.9045234
#1	.1756364	.1926853	11.04843	.3697032	.1916559	.2948549	2.898057
#2	.1770784	.1925251	11.12782	.3707976	.1927657	.2943735	2.850195
#3	.1761743	.1925909	11.04387	.3726252	.1922462	.2949685	2.856767

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2146604**	**2.799417**	**.4841864**	**.0690228**	**161.4446**	**.2829073**	**.2253152**
Stddev	.0004849	.033320	.0009873	.0007702	.3966	.0037890	.0006189
%RSD	.2258724	1.190256	.2039014	1.115822	.2456625	1.339322	.2746841
#1	.2143828	2.784333	.4834565	.0687420	161.8639	.2818985	.2249734
#2	.2152202	2.837612	.4853097	.0698940	161.0754	.2870986	.2260296
#3	.2143781	2.776306	.4837930	.0684325	161.3944	.2797247	.2249425

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**10.26650**	**.2741684**	**.4078429**	**.6728148**	**.1832681**	**1.675167**	**5.813831**
Stddev	.06814	.0027439	.0004831	.0016530	.0006157	.002775	.022871
%RSD	.6637101	1.000817	.1184609	.2456846	.3359421	.1656269	.3933825
#1	10.34084	.2712139	.4073008	.6740876	.1838612	1.672429	5.829680
#2	10.20701	.2766369	.4079997	.6709466	.1833109	1.677977	5.787612
#3	10.25164	.2746542	.4082281	.6734102	.1826321	1.675095	5.824200

Reviewed By:jaswal
On:10/28/2025 3:14:16 PM
Inst Id :P4
LB :LB137630

Sample Name: Q3412-04A Acquired: 10/23/2025 17:12:41 Type: Unk
Method: 6010-200.7 NEW(v307) 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	.2060758	.1685295	.2533876
Stddev	.0008625	.0036535	.0009331
%RSD	.4185420	2.167847	.3682293
#1	.2063241	.1645254	.2538213
#2	.2051164	.1693813	.2540248
#3	.2067870	.1716819	.2523166

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6894.680	95408.31	6316.848	5221.760	7534.850
Stddev	18.444	347.54	43.738	47.003	22.660
%RSD	.2675143	.3642690	.6924009	.9001294	.3007366
#1	6883.544	95808.16	6356.448	5274.795	7518.690
#2	6884.525	95237.97	6269.902	5185.256	7525.108
#3	6915.970	95178.80	6324.195	5205.230	7560.752

Reviewed By:jaswal
On:10/28/2025 3:14:16 PM
Inst Id :P4
LB :LB137630

Sample Name: Q3406-02 Acquired: 10/23/2025 17:16:42 Type: Unk
Method: 6010-200.7 NEW(v307) 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	**-.000816**	**-.001050**	**.0024771**	**.0050393**	**.0012947**	**.0374106**	**.1386329**
Stddev	.001222	.001939	.0004944	.0016934	.0015011	.0063388	.0001532
%RSD	149.8449	184.6951	19.95977	33.60427	115.9392	16.94385	.1104941
#1	-.000284	-.002802	.0029832	.0069937	.0029102	.0420934	.1387669
#2	.000050	-.001383	.0024528	.0040088	-.000057	.0301974	.1384659
#3	-.002214	.001034	.0019952	.0041154	.001031	.0399409	.1386659

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0000581**	**.0001207**	**9.736103**	**.0008057**	**.0001733**	**.0032462**	**.0320304**
Stddev	.0000608	.0000815	.028530	.0003251	.0000593	.0001322	.0032750
%RSD	104.6868	67.49307	.2930336	40.35464	34.21929	4.072564	10.22451
#1	.0000899	.0000905	9.711289	.0011808	.0002190	.0033946	.0314083
#2	.0000965	.0000587	9.729745	.0006047	.0001945	.0031411	.0355718
#3	-.000012	.0002130	9.767276	.0006316	.0001063	.0032030	.0291111

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0525327**	**2.387751**	**.0004958**	**.0000868**	**318.6673**	**-.002825**	**.0807005**
Stddev	.0008520	.005900	.0005705	.0002870	1.7747	.002243	.0005392
%RSD	1.621770	.2470865	115.0688	330.4617	.5568999	79.39573	.6681126
#1	.0519585	2.386204	.0006662	.0004182	317.0565	-.004491	.0801658
#2	.0521281	2.394270	.0009617	-.000074	320.5697	-.003710	.0812440
#3	.0535116	2.382779	-.000140	-.000084	318.3756	-.000275	.0806916

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.606418**	**.0199778**	**.0004991**	**-.020689**	**-.001189**	**.2733380**	**.0234699**
Stddev	.048935	.0001009	.0001663	.000459	.000583	.0099429	.0014607
%RSD	3.046220	.5051554	33.32382	2.217711	49.00598	3.637576	6.223756
#1	1.554819	.0199705	.0003800	-.020889	-.001138	.2836315	.0251512
#2	1.652163	.0198808	.0006892	-.020164	-.001795	.2725949	.0227463
#3	1.612271	.0200823	.0004282	-.021014	-.000633	.2637875	.0225123

Sample Name: Q3406-02 Acquired: 10/23/2025 17:16:42 Type: Unk
Method: 6010-200.7 NEW(v307) 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	.4838109	-.010699	.0815341
Stddev	.0052436	.001245	.0003792
%RSD	1.083812	11.63460	.4650357
#1	.4840083	-.009310	.0819213
#2	.4889530	-.011714	.0811635
#3	.4784714	-.011074	.0815175

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6933.374	96586.14	6440.648	5362.174	7484.019
Stddev	9.560	204.61	31.180	12.406	12.282
%RSD	.1378837	.2118451	.4841086	.2313566	.1641146
#1	6933.462	96789.42	6414.587	5376.376	7487.954
#2	6923.770	96380.22	6475.192	5353.449	7470.252
#3	6942.890	96588.78	6432.166	5356.698	7493.852

Sample Name: CCV05 Acquired: 10/23/2025 17:21:03 Type: Unk
Method: 6010-200.7 NEW(v307) 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	**5.208886**	**4.742518**	**5.245956**	**5.179932**	**5.071832**	**10.19392**
Stddev	.013336	.106307	.014823	.005669	.018864	.02293
%RSD	.2560182	2.241582	.2825583	.1094421	.3719382	.2249120
#1	5.224168	4.635954	5.260593	5.182051	5.093417	10.16803
#2	5.202884	4.743033	5.246321	5.184237	5.063574	10.21168
#3	5.199607	4.848567	5.230954	5.173509	5.058506	10.20204

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**10.26100**	**.2465954**	**2.636174**	**25.79230**	**.9670709**	**2.591963**
Stddev	.03589	.0019527	.005676	.03879	.0016728	.005472
%RSD	.3497926	.7918523	.2153245	.1503860	.1729744	.2111318
#1	10.22379	.2485612	2.640553	25.82977	.9682762	2.597283
#2	10.26379	.2465689	2.638208	25.79483	.9677754	2.592256
#3	10.29541	.2446561	2.629761	25.75232	.9651611	2.586350

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.298372**	**4.915210**	**2.576676**	**25.89061**	**2.607275**	**1.289299**
Stddev	.005098	.024633	.006778	.03331	.006976	.004237
%RSD	.3926112	.5011567	.2630637	.1286753	.2675654	.3286529
#1	1.304171	4.887371	2.572883	25.90603	2.614560	1.294101
#2	1.296346	4.934181	2.572643	25.85237	2.606611	1.286085
#3	1.294599	4.924078	2.584501	25.91341	2.600655	1.287711

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**25.14992**	**2.560149**	**2.595002**	**25.48502**	F **5.544685**	**5.118762**
Stddev	.09142	.004178	.005837	.11264	.029788	.014136
%RSD	.3635118	.1631754	.2249404	.4419662	.5372264	.2761531
#1	25.05624	2.555412	2.601742	25.39316	5.578175	5.134637
#2	25.15461	2.561730	2.591568	25.45121	5.534727	5.114114
#3	25.23891	2.563305	2.591696	25.61069	5.521152	5.107536

Sample Name: CCV05 Acquired: 10/23/2025 17:21:03 Type: Unk
Method: 6010-200.7 NEW(v307) 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	**5.263527**	**5.092100**	**4.782530**	**5.362029**	**5.134463**	**4.917152**
Stddev	.010994	.005061	.038757	.006346	.016527	.010821
%RSD	.2088619	.0993957	.8103941	.1183450	.3218837	.2200731
#1	5.269150	5.093023	4.742628	5.356799	5.115567	4.904854
#2	5.270572	5.096636	4.784932	5.360201	5.146223	4.921384
#3	5.250859	5.086640	4.820031	5.369088	5.141599	4.925218

Elem	Sr4077
Units	ppm
Avg	**5.060789**
Stddev	.012992
%RSD	.2567271
#1	5.069948
#2	5.066501
#3	5.045920

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6676.658**	**95465.88**	**5912.228**	**5310.456**	**7177.092**
Stddev	23.034	156.25	17.027	13.325	23.507
%RSD	.3449970	.1636688	.2879911	.2509227	.3275262
#1	6657.001	95587.82	5902.988	5309.303	7164.531
#2	6670.970	95289.75	5901.819	5297.746	7162.533
#3	6702.004	95520.07	5931.877	5324.321	7204.211

Reviewed By:jaswal
On:10/28/2025 3:14:16 PM
Inst Id :P4
LB :LB137630

Sample Name: CCB05 Acquired: 10/23/2025 17:25:49 Type: Unk
Method: 6010-200.7 NEW(v307) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCB04 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0009021**	**.0018393**	**.0010307**	**.0001781**	**.0001126**	**.0013183**
Stddev	.0023354	.0007536	.0004415	.0033726	.0019526	.0085167
%RSD	258.8727	40.97132	42.83208	1893.286	1733.893	646.0468
#1	-.000344	.0023480	.0012911	.0019691	-.001470	.0043374
#2	.003596	.0021963	.0012800	-.003712	.002295	.0079141
#3	-.000546	.0009735	.0005210	.002277	-.000487	-.008297

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0034578**	**.0000232**	**-.000051**	**-.008044**	**.0000552**	**-.000039**
Stddev	.0003559	.0000545	.000031	.006242	.0004314	.000051
%RSD	10.29297	234.8112	60.76963	77.60704	781.5578	128.3230
#1	.0031686	-.000030	-.000077	-.013454	-.000352	-.000050
#2	.0038553	.000022	-.000017	-.009463	.000011	.000015
#3	.0033497	.000078	-.000058	-.001214	.000507	-.000084

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0000606**	**.0009051**	**-.000739**	**-.010738**	**-.000137**	**-.000001**
Stddev	.0003352	.0011523	.000419	.034789	.000290	.000419
%RSD	553.1628	127.3147	56.70415	323.9835	211.3953	33677.98
#1	.0004207	.0005043	-.001219	-.039281	-.000437	-.000084
#2	-.000242	.0022043	-.000550	-.020946	.000142	.000454
#3	.000003	.0000067	-.000447	.028013	-.000117	-.000373

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5519881**	**-.000396**	**-.000165**	**.5478516**	**-.001091**	**.0002586**
Stddev	.0312187	.001075	.000134	.0638993	.001244	.0001865
%RSD	5.655684	271.4971	80.94011	11.66362	114.0939	72.10029
#1	.5278958	.000414	-.000319	.4753578	.000346	.0000783
#2	.5408118	-.001616	-.000103	.5721989	-.001848	.0002468
#3	.5872566	.000014	-.000074	.5959983	-.001770	.0004507

Sample Name: CCB05 Acquired: 10/23/2025 17:25:49 Type: Unk
Method: 6010-200.7 NEW(v307) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCB04 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.004814**	**-.003015**	**.0142748**	**-.002981**	**.0072262**	F **.0150644**
Stddev	.000235	.002978	.0202323	.001255	.0025463	.0005430
%RSD	4.878060	98.77283	141.7343	42.10211	35.23763	3.604261
#1	-.005065	.000232	-.000174	-.004412	.0097874	.0156211
#2	-.004778	-.003657	.037398	-.002466	.0071963	.0150358
#3	-.004599	-.005619	.005601	-.002065	.0046949	.0145363

Elem	Sr4077
Units	ppm
Avg	**-.000074**
Stddev	.000054
%RSD	72.92959
#1	-.000091
#2	-.000014
#3	-.000119

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6855.747**	**97856.19**	**5931.822**	**5438.254**	**8221.121**
Stddev	8.898	370.16	72.468	45.887	12.848
%RSD	.1297824	.3782652	1.221687	.8437889	.1562841
#1	6861.229	97812.94	5849.397	5453.663	8230.426
#2	6845.481	97509.56	5960.536	5386.645	8206.461
#3	6860.531	98246.07	5985.533	5474.454	8226.475

Sample Name: PB170185BL Acquired: 10/23/2025 17:30:03 Type: Unk
Method: 6010-200.7 NEW(v307) 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	**.0015390**	**.0001523**	**.0001190**	**.0004379**	**-.000396**	**-.014449**	**-.001054**
Stddev	.0007585	.0007480	.0002520	.0019372	.001433	.004839	.001085
%RSD	49.28680	491.1100	211.7645	442.3960	361.4468	33.48616	102.9552
#1	.0023981	-.000115	-.000127	-.001061	-.000821	-.020005	.000067
#2	.0009619	-.000425	.000377	-.000251	.001201	-.012181	-.001129
#3	.0012570	.000997	.000107	.002625	-.001569	-.011162	-.002099

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0000238**	**-.000069**	**-.001784**	**.0000294**	**-.000101**	**-.000032**	**-.003759**
Stddev	.0000365	.000040	.011764	.0002947	.000174	.000128	.008992
%RSD	153.1994	58.43618	659.2619	1000.907	172.7673	398.8312	239.2020
#1	-.000010	-.000064	-.004629	-.000271	-.000120	-.000180	-.001273
#2	.000063	-.000032	-.011865	.000317	.000082	.000032	.003728
#3	.000018	-.000111	.011141	.000042	-.000265	.000051	-.013732

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000908**	**-.006948**	**-.000183**	**.0003276**	**.2761097**	**-.001246**	**-.000297**
Stddev	.000707	.023747	.000152	.0006070	.0230286	.002995	.000382
%RSD	77.88225	341.8083	83.10451	185.2671	8.340384	240.4347	128.7213
#1	-.000219	.010850	-.000096	.0010229	.2505074	.001634	-.000578
#2	-.001631	-.033912	-.000094	.0000569	.2826894	-.004344	-.000451
#3	-.000873	.002220	-.000359	-.000097	.2951324	-.001027	.000138

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4283593**	**-.005818**	**-.000034**	**-.006107**	**.0001444**	**.0058209**	**-.001707**
Stddev	.0280313	.000497	.000275	.000927	.0007595	.0098435	.000775
%RSD	6.543864	8.538596	806.3256	15.18193	525.9080	169.1076	45.43119
#1	.4048789	-.006391	-.000312	-.005047	.0000722	.0076248	-.001203
#2	.4208055	-.005555	-.000029	-.006505	.0009374	.0146377	-.002600
#3	.4593934	-.005508	.000238	-.006769	-.000576	-.004800	-.001318

Sample Name: PB170185BL Acquired: 10/23/2025 17:30:03 Type: Unk
Method: 6010-200.7 NEW(v307) 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	.0010428	.0045944	-.000065
Stddev	.0023575	.0006946	.000130
%RSD	226.0751	15.11905	200.0410
#1	.0034285	.0040328	-.000176
#2	.0009853	.0053712	.000078
#3	-.001285	.0043793	-.000097

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	7251.827	103095.3	6364.353	5657.127	8835.649
Stddev	32.011	208.8	47.862	21.738	42.464
%RSD	.4414255	.2025764	.7520365	.3842647	.4805951
#1	7215.164	102854.2	6322.907	5632.969	8787.124
#2	7266.084	103216.5	6353.413	5675.110	8853.822
#3	7274.232	103215.3	6416.738	5663.302	8866.003

Reviewed By:jaswal
On:10/28/2025 3:14:16 PM
Inst Id :P4
LB :LB137630

Sample Name: PB170185BS Acquired: 10/23/2025 17:34:19 Type: Unk
Method: 6010-200.7 NEW(v307) 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	**.7806961**	**1.764956**	**.9562115**	**1.966293**	**.7651103**	**1.933489**
Stddev	.0007655	.073435	.0025018	.006492	.0024210	.006586
%RSD	.0980575	4.160735	.2616418	.3301595	.3164290	.3406490
#1	.7815359	1.684458	.9577350	1.966355	.7626921	1.934307
#2	.7805149	1.782123	.9575754	1.959771	.7675342	1.926532
#3	.7800374	1.828287	.9533240	1.972754	.7651045	1.939628

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1896164**	**.1917835**	**.1914649**	**1.009991**	**.3773287**	**.1931365**
Stddev	.0047689	.0016072	.0003591	.006882	.0034026	.0002086
%RSD	2.515031	.8380387	.1875697	.6813744	.9017612	.1079889
#1	.1940733	.1926439	.1910510	1.017918	.3812555	.1930551
#2	.1901888	.1899292	.1916936	1.006496	.3752503	.1933735
#3	.1845871	.1927773	.1916503	1.005557	.3754804	.1929809

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3075669**	**2.785791**	**.1953769**	**1.990569**	**.4858537**	**.0711315**
Stddev	.0006731	.008830	.0010274	.013603	.0005351	.0003568
%RSD	.2188521	.3169541	.5258691	.6833710	.1101314	.5016386
#1	.3077167	2.779861	.1962412	2.004910	.4854188	.0713537
#2	.3081525	2.795939	.1942410	1.977849	.4864512	.0713209
#3	.3068315	2.781573	.1956486	1.988947	.4856911	.0707199

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.776257**	**.2878765**	**.2026018**	**9.314016**	**.3036035**	**.3849577**
Stddev	.015044	.0034307	.0014286	.053035	.0031495	.0010964
%RSD	.5418698	1.191712	.7051430	.5694078	1.037382	.2848181
#1	2.792751	.2843334	.2041742	9.294637	.3042791	.3841156
#2	2.763290	.2881139	.2022475	9.374015	.3001709	.3845599
#3	2.772730	.2911824	.2013836	9.273396	.3063604	.3861975

Reviewed By:jaswal
On:10/28/2025 3:14:16 PM
Inst Id :P4
LB :LB137630

Sample Name: PB170185BS Acquired: 10/23/2025 17:34:19 Type: Unk
Method: 6010-200.7 NEW(v307) 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	.6512288	.1816911	.8145454	5.653882	F .0027735	.1924489
Stddev	.0004964	.0004831	.0131960	.009865	.0017520	.0020384
%RSD	.0762191	.2658946	1.620046	.1744735	63.17068	1.059181
#1	.6506559	.1822215	.8196302	5.644702	.0043304	.1941768
#2	.6515304	.1812761	.8244426	5.652633	.0008763	.1902008
#3	.6515000	.1815758	.7995634	5.664312	.0031138	.1929690

Elem	Sr4077
Units	ppm
Avg	.1857159
Stddev	.0007257
%RSD	.3907408
#1	.1860698
#2	.1848812
#3	.1861967

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6981.123	98537.64	6128.599	5376.331	8054.551
Stddev	10.448	809.64	30.917	38.423	7.242
%RSD	.1496595	.8216544	.5044635	.7146736	.0899104
#1	6970.045	97629.31	6109.387	5347.918	8051.425
#2	6982.525	98800.20	6164.263	5361.026	8049.397
#3	6990.799	99183.42	6112.148	5420.048	8062.831

Sample Name: Q3385-04 Acquired: 10/23/2025 17:38:20 Type: Unk
Method: 6010-200.7 NEW(v307) 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	**-.002243**	**.0017016**	**.0038591**	**.0044314**	**.0036843**	**.0636023**	**.0219896**
Stddev	.002722	.0016258	.0007224	.0020111	.0012361	.0087436	.0002093
%RSD	121.3538	95.54185	18.71941	45.38400	33.55017	13.74735	.9518077
#1	-.000436	.0001079	.0033052	.0066957	.0037305	.0550201	.0219818
#2	-.005373	.0016394	.0035960	.0028530	.0048966	.0724988	.0222026
#3	-.000919	.0033576	.0046762	.0037453	.0024257	.0632880	.0217843

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000076**	**.0000225**	**29.41373**	**.0022191**	**.0009545**	**.1533420**	**.3690585**
Stddev	.000029	.0000972	.06583	.0003454	.0001882	.0001484	.0172144
%RSD	38.43754	432.7792	.2238084	15.56248	19.71628	.0967715	4.664400
#1	-.000075	-.000086	29.48026	.0023122	.0008846	.1535120	.3498610
#2	-.000047	.000100	29.41230	.0018367	.0011676	.1532752	.3831210
#3	-.000105	.000053	29.34862	.0025083	.0008112	.1532388	.3741937

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0585760**	**7.345301**	**.0055024**	**.0000578**	**694.9004**	**-.003437**	**.3549012**
Stddev	.0002993	.029688	.0001712	.0001898	12.2108	.003402	.0011013
%RSD	.5109010	.4041708	3.111260	328.4546	1.757197	98.98178	.3103075
#1	.0586171	7.316430	.0053050	.0002747	684.2118	-.006998	.3561531
#2	.0588526	7.375743	.0055922	-.000024	692.2813	-.000221	.3540819
#3	.0582583	7.343731	.0056100	-.000078	708.2083	-.003092	.3544686

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**3.405658**	**.0181432**	**.0018236**	**-.018673**	**-.000617**	**3.012389**	**3.002689**
Stddev	.064303	.0007747	.0000551	.000681	.000362	.020945	.013283
%RSD	1.888121	4.269803	3.022132	3.648873	58.72123	.6952950	.4423843
#1	3.388043	.0189924	.0018127	-.018646	-.000384	2.988635	2.990721
#2	3.351998	.0174752	.0017748	-.019367	-.001034	3.020329	3.000365
#3	3.476933	.0179619	.0018834	-.018005	-.000432	3.028203	3.016981

Reviewed By:jaswal
On:10/28/2025 3:14:16 PM
Inst Id :P4
LB :LB137630

Sample Name: Q3385-04 Acquired: 10/23/2025 17:38:20 Type: Unk
Method: 6010-200.7 NEW(v307) 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	**8.128289**	**-.011000**	**.1054665**
Stddev	.025809	.002314	.0004490
%RSD	.3175217	21.03472	.4257303
#1	8.103201	-.013275	.1059849
#2	8.126902	-.011074	.1051994
#3	8.154763	-.008650	.1052152

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6250.214**	**86370.91**	**6052.299**	**4862.109**	**6573.959**
Stddev	17.245	544.09	64.877	13.151	7.307
%RSD	.2759029	.6299425	1.071939	.2704755	.1111498
#1	6230.368	86737.46	5978.345	4851.793	6568.736
#2	6261.547	86629.53	6099.622	4857.617	6582.309
#3	6258.726	85745.75	6078.931	4876.918	6570.831

Sample Name: Q3385-04DUP Acquired: 10/23/2025 17:42:39 Type: Unk
Method: 6010-200.7 NEW(v307) 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	**-.002279**	**.0039434**	**.0035788**	**.0058407**	**.0046051**	**.0861984**	**.0177483**
Stddev	.002573	.0012143	.0012314	.0016431	.0024439	.0052622	.0037173
%RSD	112.8702	30.79342	34.40904	28.13216	53.07001	6.104802	20.94439
#1	-.000259	.0050183	.0050003	.0042753	.0025778	.0801266	.0197928
#2	-.001403	.0026262	.0028369	.0056949	.0039185	.0890320	.0199945
#3	-.005176	.0041857	.0028993	.0075518	.0073188	.0894367	.0134575

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000060**	**-.000074**	**29.68342**	**.0017720**	**.0008840**	**.1522977**	**.3653843**
Stddev	.000078	.000114	.24469	.0001626	.0002206	.0001738	.0112176
%RSD	130.9099	154.0352	.8243414	9.174860	24.95475	.1140986	3.070088
#1	-.000150	-.000163	29.93495	.0019196	.0006639	.1524045	.3668779
#2	-.000008	-.000114	29.44619	.0015978	.0008830	.1520972	.3757803
#3	-.000021	.000055	29.66914	.0017985	.0011050	.1523915	.3534947

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0593352**	**7.292570**	**.0054083**	**-.000041**	**683.4575**	**-.003181**	**.3479634**
Stddev	.0003556	.019564	.0002254	.000716	3.8433	.003229	.0008726
%RSD	.5993452	.2682732	4.168019	1730.934	.5623314	101.5041	.2507633
#1	.0589324	7.283015	.0051601	-.000822	686.7503	-.006444	.3473431
#2	.0596059	7.279620	.0056002	.000112	679.2345	-.003113	.3489612
#3	.0594672	7.315076	.0054645	.000586	684.3876	.000013	.3475860

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**3.429065**	**.0179067**	**.0021526**	**-.019691**	**.0010666**	**2.914090**	**3.023531**
Stddev	.041153	.0010925	.0002627	.000355	.0015479	.025929	.012100
%RSD	1.200115	6.101060	12.20260	1.803847	145.1189	.8897739	.4001977
#1	3.382971	.0189067	.0018631	-.019489	.0007821	2.905814	3.029719
#2	3.442109	.0180726	.0022191	-.020101	.0027371	2.893310	3.009589
#3	3.462115	.0167407	.0023757	-.019483	-.000319	2.943147	3.031286

Reviewed By:jaswal
On:10/28/2025 3:14:16 PM
Inst Id :P4
LB :LB137630

Sample Name: Q3385-04DUP Acquired: 10/23/2025 17:42:39 Type: Unk
Method: 6010-200.7 NEW(v307) 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	**8.033324**	**-.011263**	**.1081030**
Stddev	.030896	.003119	.0008326
%RSD	.3846033	27.69480	.7701944
#1	8.041408	-.007961	.1088200
#2	7.999190	-.011670	.1071898
#3	8.059376	-.014160	.1082992

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6236.971**	**86534.26**	**5858.706**	**4935.853**	**6539.086**
Stddev	23.931	263.24	38.653	8.129	24.552
%RSD	.3836986	.3042078	.6597576	.1646966	.3754604
#1	6260.197	86486.92	5814.415	4926.466	6559.690
#2	6238.324	86817.97	5885.627	4940.462	6545.646
#3	6212.392	86297.91	5876.076	4940.629	6511.920

Sample Name: Q3385-04LX5 Acquired: 10/23/2025 17:46:57 Type: Unk
Method: 6010-200.7 NEW(v307) 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	**.0008709**	**.0034245**	**.0010261**	**-.000154**	**.0005466**	**.0156728**	**.0038153**
Stddev	.0016683	.0019296	.0001519	.001250	.0013714	.0057325	.0021442
%RSD	191.5689	56.34677	14.80805	810.8679	250.8821	36.57592	56.20063
#1	.0007367	.0022634	.0011013	-.001465	-.000983	.0097261	.0053822
#2	-.000726	.0023582	.0011257	-.000021	.000955	.0211638	.0013716
#3	.002602	.0056519	.0008512	.001024	.001668	.0161284	.0046920

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0000450**	**-.000046**	**5.832947**	**.0003995**	**.0001599**	**.0304147**	**.0602210**
Stddev	.0000361	.000084	.048076	.0000820	.0001117	.0002483	.0045921
%RSD	80.22935	180.3864	.8242072	20.53520	69.82342	.8163298	7.625391
#1	.0000848	.000030	5.877008	.0003682	.0000397	.0303003	.0613510
#2	.0000142	-.000033	5.781672	.0003377	.0001796	.0306996	.0551694
#3	.0000361	-.000136	5.840160	.0004926	.0002604	.0302443	.0641427

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0121449**	**1.424461**	**.0006598**	**.0004022**	**135.7017**	**-.000189**	**.0658751**
Stddev	.0004899	.024655	.0003179	.0003606	.8752	.003382	.0004042
%RSD	4.033669	1.730835	48.18362	89.66972	.6449565	1785.892	.6135707
#1	.0118250	1.452760	.0008279	.0000313	134.7151	.003696	.0663011
#2	.0119008	1.413002	.0002931	.0004236	136.0054	-.001800	.0658272
#3	.0127089	1.407620	.0008584	.0007516	136.3846	-.002464	.0654970

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.896015**	**-.003106**	**-.000064**	**-.008541**	**.0021107**	**.5479550**	**.5569144**
Stddev	.085826	.000326	.000242	.001039	.0020465	.0060119	.0040875
%RSD	4.526671	10.49138	380.2606	12.16957	96.95812	1.097159	.7339484
#1	1.933756	-.002977	-.000167	-.007375	.0026417	.5546664	.5615181
#2	1.797786	-.003477	.000213	-.009369	.0038393	.5430629	.5555138
#3	1.956504	-.002865	-.000236	-.008879	-.000149	.5461355	.5537115

Sample Name: Q3385-04LX5 Acquired: 10/23/2025 17:46:57 Type: Unk
Method: 6010-200.7 NEW(v307) 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	1.467169	.0393270	.0210537
Stddev	.005783	.0028986	.0001481
%RSD	.3941757	7.370410	.7033162
#1	1.470882	.0364396	.0210770
#2	1.460505	.0393048	.0208954
#3	1.470118	.0422366	.0211888

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6719.170	94489.62	6058.315	5320.030	7374.849
Stddev	15.409	210.77	79.053	24.431	21.645
%RSD	.2293290	.2230575	1.304864	.4592318	.2934920
#1	6707.211	94519.78	5974.152	5313.375	7354.654
#2	6713.740	94683.68	6131.004	5347.099	7372.195
#3	6736.559	94265.40	6069.788	5299.615	7397.698

Sample Name: Q3385-05 Acquired: 10/23/2025 17:51:08 Type: Unk
Method: 6010-200.7 NEW(v307) 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	**.8165154**	**1.607447**	**.9708657**	**2.004232**	**.7874498**	**2.018818**	**.2143842**
Stddev	.0029139	.032610	.0038275	.009519	.0005892	.005830	.0028741
%RSD	.3568677	2.028657	.3942351	.4749337	.0748243	.2888056	1.340606
#1	.8142177	1.644823	.9685601	2.013706	.7868906	2.018581	.2159794
#2	.8155355	1.592723	.9687530	1.994669	.7873937	2.024764	.2110663
#3	.8197929	1.584797	.9752839	2.004321	.7880650	2.013110	.2161068

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1820291**	**.2050181**	**37.79987**	**.3880604**	**.2038470**	**.4872416**	**3.657608**
Stddev	.0024270	.0008166	.06886	.0007488	.0005374	.0015591	.056715
%RSD	1.333277	.3983276	.1821698	.1929692	.2636123	.3199874	1.550609
#1	.1803576	.2043154	37.80313	.3887806	.2033276	.4857081	3.691822
#2	.1809168	.2048249	37.72944	.3881147	.2038128	.4871915	3.688861
#3	.1848128	.2059140	37.86704	.3872859	.2044007	.4888251	3.592141

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2624565**	**9.497247**	**.5135209**	**.0717316**	**705.8628**	**.2954665**	**.5951289**
Stddev	.0010311	.058987	.0018418	.0006569	10.3773	.0039639	.0002400
%RSD	.3928714	.6210915	.3586553	.9157340	1.470155	1.341575	.0403252
#1	.2614878	9.467751	.5120456	.0715153	700.6093	.2934113	.5950194
#2	.2635404	9.458826	.5129321	.0724694	699.1628	.2929523	.5949632
#3	.2623412	9.565163	.5155851	.0712103	717.8163	.3000359	.5954041

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**14.35314**	**.2854390**	**.4124839**	**.6646382**	**.1882469**	**4.080484**	**9.552096**
Stddev	.20116	.0050866	.0006019	.0027300	.0003435	.032750	.036427
%RSD	1.401539	1.782017	.1459113	.4107544	.1824560	.8026064	.3813459
#1	14.39513	.2825448	.4119345	.6631554	.1885407	4.082083	9.567126
#2	14.53000	.2824599	.4123902	.6629705	.1878693	4.112405	9.510560
#3	14.13430	.2913122	.4131272	.6677888	.1883308	4.046963	9.578603

Reviewed By:jaswal
On:10/28/2025 3:14:16 PM
Inst Id :P4
LB :LB137630

Sample Name: Q3385-05 Acquired: 10/23/2025 17:51:08 Type: Unk
Method: 6010-200.7 NEW(v307) 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	**8.072229**	**.1793587**	**.3214505**
Stddev	.049579	.0023652	.0009091
%RSD	.6141894	1.318708	.2828193
#1	8.105405	.1790221	.3217823
#2	8.015236	.1771798	.3204220
#3	8.096046	.1818742	.3221470

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6116.552**	**83309.61**	**5714.005**	**4690.461**	**6398.943**
Stddev	15.895	262.60	85.563	11.568	23.549
%RSD	.2598758	.3152072	1.497418	.2466383	.3680217
#1	6127.910	83608.49	5762.039	4700.763	6418.519
#2	6123.358	83204.48	5764.758	4692.673	6405.500
#3	6098.386	83115.88	5615.219	4677.945	6372.810

Sample Name: Q3385-06 Acquired: 10/23/2025 17:55:16 Type: Unk
Method: 6010-200.7 NEW(v307) 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	**.8774984**	**1.785865**	**1.035984**	**2.176852**	**.8446116**	**2.088050**	**.2230729**
Stddev	.0033949	.025557	.000789	.008198	.0032024	.014337	.0003469
%RSD	.3868786	1.431059	.0761507	.3766173	.3791558	.6866317	.1555168
#1	.8779900	1.815254	1.036465	2.184458	.8431652	2.104355	.2233283
#2	.8738845	1.773483	1.035074	2.168168	.8423876	2.082382	.2226779
#3	.8806206	1.768857	1.036415	2.177930	.8482821	2.077413	.2232125

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1951691**	**.2195069**	**33.39453**	**.4171805**	**.2171114**	**.4843499**	**3.597866**
Stddev	.0016991	.0000689	.08943	.0003485	.0007060	.0007862	.040992
%RSD	.8705597	.0313850	.2677865	.0835330	.3251534	.1623256	1.139351
#1	.1970751	.2194821	33.41685	.4169958	.2178374	.4850893	3.557195
#2	.1946186	.2195848	33.29606	.4169632	.2164273	.4835240	3.597230
#3	.1938135	.2194539	33.47069	.4175824	.2170694	.4844366	3.639173

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2657290**	**9.751466**	**.5490195**	**.0763141**	**700.6099**	**.3122560**	**.5971432**
Stddev	.0014037	.038253	.0021368	.0004671	14.9068	.0053266	.0063690
%RSD	.5282261	.3922791	.3892089	.6120718	2.127692	1.705858	1.066569
#1	.2645420	9.724679	.5505275	.0763208	689.9846	.3061132	.6041504
#2	.2653667	9.795275	.5465742	.0767778	694.1948	.3155963	.5955730
#3	.2672783	9.734443	.5499568	.0758437	717.6504	.3150586	.5917063

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**15.10432**	**.3033439**	**.4391948**	**.7405325**	**.2007124**	**4.042032**	**9.901250**
Stddev	.14205	.0036073	.0016117	.0003041	.0012346	.027532	.023765
%RSD	.9404586	1.189176	.3669744	.0410673	.6150978	.6811462	.2400226
#1	15.02990	.3074366	.4400915	.7406120	.1995403	4.035845	9.921771
#2	15.01494	.3019681	.4373342	.7401965	.2005956	4.018120	9.875211
#3	15.26812	.3006270	.4401588	.7407889	.2020012	4.072131	9.906767

Sample Name: Q3385-06 Acquired: 10/23/2025 17:55:16 Type: Unk
Method: 6010-200.7 NEW(v307) 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	**8.359639**	**.1880036**	**.3074124**
Stddev	.034451	.0018435	.0002059
%RSD	.4121128	.9805487	.0669945
#1	8.361758	.1868804	.3071867
#2	8.324177	.1869992	.3075901
#3	8.392982	.1901311	.3074605

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6078.952**	**83791.57**	**5740.236**	**4661.349**	**6360.648**
Stddev	8.142	389.22	38.860	33.573	9.065
%RSD	.1339339	.4645102	.6769690	.7202521	.1425111
#1	6069.552	83527.09	5696.017	4622.717	6351.531
#2	6083.481	84238.50	5768.945	4677.862	6360.753
#3	6083.822	83609.11	5755.746	4683.467	6369.660

Sample Name: Q3385-04A Acquired: 10/23/2025 17:59:24 Type: Unk
Method: 6010-200.7 NEW(v307) 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	**.8896717**	**1.754092**	**1.044731**	**2.214043**	**.8575272**	**2.100558**	**.2264733**
Stddev	.0072891	.024296	.003020	.010037	.0038752	.012952	.0014299
%RSD	.8192964	1.385103	.2890979	.4533148	.4519014	.6165775	.6313767
#1	.8824430	1.728463	1.043948	2.206782	.8530885	2.089124	.2248358
#2	.8895525	1.776788	1.048066	2.209850	.8592563	2.097926	.2274749
#3	.8970196	1.757024	1.042180	2.225496	.8602369	2.114623	.2271093

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1970280**	**.2204300**	**31.10404**	**.4087494**	**.2178245**	**.4705215**	**3.684982**
Stddev	.0011132	.0005221	.12032	.0014161	.0004968	.0009723	.022600
%RSD	.5649967	.2368378	.3868407	.3464586	.2280728	.2066398	.6133130
#1	.1977635	.2198316	30.98257	.4086132	.2172840	.4695305	3.666945
#2	.1957473	.2206665	31.10637	.4074063	.2179283	.4705599	3.677668
#3	.1975732	.2207920	31.22318	.4102287	.2182611	.4714740	3.710334

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2662997**	**9.554164**	**.5516050**	**.0779483**	**726.6668**	**.3145027**	**.6040290**
Stddev	.0022910	.008799	.0015335	.0002270	4.6043	.0044434	.0265247
%RSD	.8603138	.0921006	.2780090	.2912467	.6336143	1.412838	4.391297
#1	.2653490	9.564190	.5498511	.0782104	730.9675	.3185952	.6346406
#2	.2646371	9.550575	.5526930	.0778203	721.8096	.3151365	.5878530
#3	.2689130	9.547726	.5522709	.0778141	727.2233	.3097765	.5895933

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**15.38336**	**.3132432**	**.4342340**	**.7582371**	**.2010042**	**4.049684**	**9.976665**
Stddev	.14768	.0016310	.0015100	.0026423	.0026534	.032606	.026637
%RSD	.9599894	.5206749	.3477484	.3484740	1.320071	.8051527	.2669898
#1	15.21457	.3150807	.4324937	.7553608	.1979436	4.012676	9.946140
#2	15.48878	.3119669	.4350094	.7587937	.2024116	4.074185	9.995192
#3	15.44671	.3126819	.4351987	.7605567	.2026574	4.062191	9.988665

Reviewed By:jaswal
On:10/28/2025 3:14:16 PM
Inst Id :P4
LB :LB137630

Sample Name: Q3385-04A Acquired: 10/23/2025 17:59:24 Type: Unk
Method: 6010-200.7 NEW(v307) 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	8.283062	.1979267	.3030963
Stddev	.043766	.0018774	.0018656
%RSD	.5283831	.9485412	.6155024
#1	8.241323	.1959553	.3011253
#2	8.279254	.1996933	.3033289
#3	8.328607	.1981315	.3048346

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6079.803	82526.22	5754.374	4646.524	6327.267
Stddev	13.331	446.03	54.626	36.116	15.272
%RSD	.2192708	.5404716	.9492901	.7772645	.2413677
#1	6084.293	82794.27	5748.321	4659.783	6332.286
#2	6064.806	82773.06	5811.774	4674.136	6310.117
#3	6090.309	82011.34	5703.027	4605.653	6339.397

Reviewed By:jaswal
On:10/28/2025 3:14:16 PM
Inst Id :P4
LB :LB137630

Sample Name: Q3412-01 Acquired: 10/23/2025 18:03:32 Type: Unk
Method: 6010-200.7 NEW(v307) 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	**.0689966**	**-.002097**	**1.465894**	**-.008740**	**-.014697**	**145.9123**
Stddev	.0012404	.002697	.004571	.001482	.000316	.2080
%RSD	1.797780	128.5981	.3118133	16.95314	2.147754	.1425584
#1	.0701693	-.005212	1.465563	-.007431	-.014381	145.9517
#2	.0676981	-.000571	1.461497	-.010349	-.015012	145.6874
#3	.0691223	-.000510	1.470621	-.008441	-.014697	146.0978

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.126032**	**.0227068**	**.0045895**	**37.68975**	**.2077377**	**.1917928**
Stddev	.002589	.0002548	.0002078	.10811	.0002020	.0003544
%RSD	.2299604	1.122136	4.527490	.2868362	.0972557	.1847763
#1	1.128476	.0226282	.0043778	37.81216	.2079494	.1915813
#2	1.126300	.0225005	.0045976	37.64973	.2075470	.1915951
#3	1.123319	.0229916	.0047931	37.60736	.2077166	.1922019

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.6216943**	**335.0159**	**8.421562**	**71.70882**	**.3976026**	**-.011277**
Stddev	.0011241	1.2090	.028279	.17568	.0011030	.000817
%RSD	.1808134	.3608785	.3357976	.2449865	.2774018	7.242674
#1	.6229324	335.2392	8.443441	71.91085	.3971172	-.010931
#2	.6214125	336.0978	8.431615	71.62359	.3968255	-.010690
#3	.6207378	333.7109	8.389630	71.59202	.3988650	-.012210

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**11.69387**	**.3790925**	**.9439447**	**24.30163**	**.0947121**	**.0066556**
Stddev	.07337	.0072343	.0007309	.11102	.0084602	.0001213
%RSD	.6273834	1.908324	.0774345	.4568531	8.932525	1.822418
#1	11.66418	.3754602	.9437173	24.29304	.0850816	.0067697
#2	11.77743	.3874233	.9447623	24.41669	.0981079	.0065282
#3	11.64000	.3743942	.9433545	24.19514	.1009467	.0066688

Sample Name: Q3412-01 Acquired: 10/23/2025 18:03:32 Type: Unk
Method: 6010-200.7 NEW(v307) 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	.4206667	5.142651	7.841323	F 10.65815	.9426001	.3762786
Stddev	.0020409	.002647	.042248	.05468	.0079036	.0018169
%RSD	.4851640	.0514703	.5387930	.5130772	.8384848	.4828667
#1	.4183146	5.145180	7.792585	10.59555	.9370582	.3743123
#2	.4219698	5.142872	7.867528	10.69661	.9516505	.3766282
#3	.4217156	5.139900	7.863855	10.68230	.9390916	.3778953

Elem	Sr4077
Units	ppm
Avg	-.033518
Stddev	.000600
%RSD	1.788996
#1	-.033216
#2	-.034209
#3	-.033130

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	8028.474	111811.8	7115.498	6289.894	6694.442
Stddev	11.153	458.5	8.294	13.546	10.341
%RSD	.1389150	.4100369	.1165685	.2153659	.1544759
#1	8019.262	111891.6	7111.874	6291.425	6699.481
#2	8040.873	111318.7	7109.632	6275.647	6701.299
#3	8025.286	112225.2	7124.988	6302.610	6682.548

Sample Name: Q3412-01DUP Acquired: 10/23/2025 18:07:33 Type: Unk
Method: 6010-200.7 NEW(v307) 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	**.0704973**	**-.002547**	**1.455795**	**-.004998**	**-.016347**	**144.4782**
Stddev	.0026482	.002536	.002878	.002288	.004076	.2103
%RSD	3.756492	99.57093	.1977244	45.76730	24.93400	.1455434
#1	.0711850	-.004489	1.458877	-.003357	-.018176	144.5589
#2	.0727339	.000322	1.453176	-.007611	-.011677	144.6362
#3	.0675731	-.003473	1.455331	-.004027	-.019188	144.2395

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.111670**	**.0225388**	**.0046049**	**37.48852**	**.2082246**	**.1925936**
Stddev	.004472	.0000670	.0003213	.07349	.0002738	.0004878
%RSD	.4022335	.2973628	6.976461	.1960341	.1315074	.2532588
#1	1.107527	.0226128	.0049361	37.46988	.2085405	.1920821
#2	1.111074	.0224822	.0045840	37.56953	.2080775	.1926451
#3	1.116410	.0225214	.0042946	37.42614	.2080558	.1930535

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.6237089**	**333.4944**	**8.330739**	**70.87442**	**.3991026**	**-.011080**
Stddev	.0016721	3.7647	.012273	.07532	.0007374	.001316
%RSD	.2680929	1.128862	.1473174	.1062684	.1847527	11.87572
#1	.6254757	329.4231	8.324270	70.89108	.3985678	-.012222
#2	.6234999	334.2106	8.323054	70.94002	.3987963	-.011377
#3	.6221511	336.8496	8.344893	70.79217	.3999438	-.009641

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**10.44821**	**.3784458**	**.9389901**	**23.81588**	**.0861732**	**.0066152**
Stddev	.15558	.0028351	.0022030	.28177	.0177313	.0002700
%RSD	1.489085	.7491374	.2346127	1.183113	20.57630	4.081763
#1	10.28762	.3805524	.9373224	23.50350	.0677626	.0063684
#2	10.45878	.3795627	.9381604	23.89331	.0876206	.0065736
#3	10.59825	.3752224	.9414875	24.05084	.1031364	.0069036

Reviewed By:jaswal
On:10/28/2025 3:14:16 PM
Inst Id :P4
LB :LB137630

Sample Name: Q3412-01DUP Acquired: 10/23/2025 18:07:33 Type: Unk
Method: 6010-200.7 NEW(v307) 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	.4021156	5.102757	8.056132	F 10.67117	.9224520	.3628938
Stddev	.0024116	.008011	.084792	.06438	.0123476	.0008165
%RSD	.5997174	.1569982	1.052511	.6032613	1.338559	.2250115
#1	.4007711	5.101532	7.972058	10.67186	.9250401	.3619573
#2	.4006760	5.095428	8.141624	10.60645	.9090154	.3632671
#3	.4048997	5.111310	8.054713	10.73519	.9333003	.3634570

Elem	Sr4077
Units	ppm
Avg	-.035158
Stddev	.002920
%RSD	8.305705
#1	-.031789
#2	-.036717
#3	-.036967

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	8010.448	111064.8	7099.548	6281.474	6684.623
Stddev	5.878	324.1	51.126	26.255	1.146
%RSD	.0733832	.2917855	.7201248	.4179725	.0171403
#1	8004.741	111415.0	7041.998	6291.589	6684.441
#2	8010.120	111003.9	7116.927	6301.167	6685.849
#3	8016.484	110775.6	7139.718	6251.666	6683.579

Sample Name: CCV06 Acquired: 10/23/2025 18:11:33 Type: Unk
Method: 6010-200.7 NEW(v307) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCV05 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**5.205684**	**4.661784**	**5.315220**	**5.190573**	**5.070388**	**10.22663**
Stddev	.007463	.039359	.003804	.014731	.006173	.01887
%RSD	.1433619	.8442913	.0715738	.2837948	.1217523	.1845299
#1	5.201032	4.641254	5.314379	5.190469	5.077047	10.20793
#2	5.214292	4.707163	5.319374	5.205355	5.069262	10.22630
#3	5.201727	4.636934	5.311906	5.175894	5.064856	10.24566

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**10.02224**	**.2525454**	**2.669837**	**25.69186**	**.9867608**	**2.613598**
Stddev	.04879	.0037116	.001432	.10695	.0011816	.001303
%RSD	.4867787	1.469656	.0536301	.4162630	.1197444	.0498562
#1	9.96599	.2489995	2.669678	25.56838	.9879832	2.612666
#2	10.05306	.2522338	2.671341	25.75242	.9866744	2.615087
#3	10.04766	.2564029	2.668491	25.75478	.9856248	2.613041

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.308236**	**4.844588**	**2.534276**	**26.12288**	**2.632012**	**1.316550**
Stddev	.002024	.048864	.015906	.14657	.001713	.002066
%RSD	.1546745	1.008622	.6276347	.5610710	.0650700	.1569213
#1	1.309267	4.853235	2.516563	26.05674	2.633953	1.318871
#2	1.309537	4.888550	2.547338	26.02105	2.630713	1.315863
#3	1.305905	4.791977	2.538927	26.29087	2.631371	1.314914

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**23.79038**	**2.558686**	**2.630712**	**25.26040**	F **5.665947**	**5.153742**
Stddev	.24090	.011556	.009459	.15423	.078640	.004552
%RSD	1.012611	.4516382	.3595424	.6105496	1.387938	.0883155
#1	23.83831	2.547166	2.632428	25.28063	5.595854	5.153019
#2	24.00372	2.570278	2.639194	25.40351	5.651000	5.158612
#3	23.52912	2.558615	2.620512	25.09705	5.750988	5.149596

Sample Name: CCV06 Acquired: 10/23/2025 18:11:33 Type: Unk
Method: 6010-200.7 NEW(v307) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCV05 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**5.296165**	**5.028120**	**4.821742**	**5.443368**	**5.138184**	**4.823940**
Stddev	.003898	.024345	.037572	.012585	.012311	.035082
%RSD	.0736012	.4841693	.7792144	.2311904	.2396038	.7272543
#1	5.295102	5.004209	4.825466	5.431810	5.128201	4.784282
#2	5.300484	5.052876	4.857314	5.456775	5.151940	4.836616
#3	5.292909	5.027275	4.782448	5.441518	5.134410	4.850923

Elem	Sr4077
Units	ppm
Avg	**5.091868**
Stddev	.118372
%RSD	2.324728
#1	4.957486
#2	5.137421
#3	5.180696

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6647.258**	**92997.03**	**5772.859**	**5134.768**	**7148.935**
Stddev	7.132	326.21	75.526	29.833	5.116
%RSD	.1072879	.3507703	1.308286	.5810049	.0715664
#1	6644.322	93019.12	5850.648	5124.313	7145.273
#2	6642.063	92660.34	5768.108	5111.570	7146.751
#3	6655.389	93311.63	5699.821	5168.422	7154.781

Sample Name: CCB06 Acquired: 10/23/2025 18:15:36 Type: Unk
Method: 6010-200.7 NEW(v307) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCB05 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000419**	**.0024792**	**.0005513**	**-.003244**	**.0000752**	**-.006732**
Stddev	.001580	.0022410	.0010478	.001766	.0009273	.003343
%RSD	377.5289	90.39270	190.0391	54.42263	1233.661	49.66447
#1	-.001478	.0008339	.0016934	-.005282	.0002618	-.009349
#2	.001398	.0050315	.0003262	-.002262	-.000931	-.002966
#3	-.001176	.0015722	-.000366	-.002188	.000895	-.007880

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0078569**	**.0001509**	**-.000072**	**.0061812**	**.0002290**	**.0000015**
Stddev	.0025075	.0000276	.000059	.0209025	.0001840	.0001755
%RSD	31.91462	18.28916	81.90789	338.1630	80.35999	11513.52
#1	.0054965	.0001238	-.000139	.0259125	.0000225	.0001656
#2	.0075848	.0001790	-.000042	-.015723	.0003754	.0000225
#3	.0104893	.0001499	-.000034	.008354	.0002890	-.000184

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000171**	**-.007313**	**-.000006**	**-.018693**	**-.000113**	**.0003505**
Stddev	.000204	.003255	.000750	.020464	.000124	.0003317
%RSD	119.3418	44.50676	11730.17	109.4737	110.4229	94.65655
#1	-.000379	-.004384	.000529	-.031901	.000001	.0007028
#2	.000028	-.006737	.000315	.004880	-.000093	.0003044
#3	-.000161	-.010816	-.000864	-.029058	-.000245	.0000442

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.6906419**	**-.007119**	**-.000263**	**.7845548**	**-.001828**	**.0003056**
Stddev	.0531995	.001184	.000112	.1138553	.000430	.0002508
%RSD	7.702908	16.63714	42.80992	14.51208	23.53523	82.06051
#1	.6574737	-.007011	-.000312	.6679849	-.002317	.0005797
#2	.6624478	-.008354	-.000342	.7901936	-.001508	.0002493
#3	.7520042	-.005992	-.000134	.8954859	-.001658	.0000878

Sample Name: CCB06 Acquired: 10/23/2025 18:15:36 Type: Unk
Method: 6010-200.7 NEW(v307) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCB05 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004380	-.001120	.0111478	-.002741	F .0115912	F .0128241
Stddev	.000398	.001607	.0169402	.000217	.0012948	.0012229
%RSD	9.078514	143.5318	151.9601	7.931164	11.17066	9.535633
#1	-.004392	.000512	.0127067	-.002776	.0113265	.0121107
#2	-.003977	-.002701	-.006518	-.002508	.0104492	.0142361
#3	-.004772	-.001171	.027255	-.002938	.0129979	.0121255

Elem	Sr4077
Units	ppm
Avg	-.000026
Stddev	.000142
%RSD	547.0062
#1	.000132
#2	-.000142
#3	-.000068

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6975.086	97566.40	6015.920	5324.583	8405.442
Stddev	13.398	1162.77	26.459	55.417	14.548
%RSD	.1920883	1.191772	.4398200	1.040786	.1730807
#1	6961.752	96994.68	5992.618	5288.837	8391.541
#2	6974.957	98904.34	6044.684	5388.420	8404.225
#3	6988.548	96800.17	6010.459	5296.490	8420.561

Sample Name: Q3412-01LX5 Acquired: 10/23/2025 18:19:51 Type: Unk
Method: 6010-200.7 NEW(v307) 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	**.0149012**	**.0046853**	**.2461186**	**.0001417**	**-.005026**	**31.85092**	**.2533969**
Stddev	.0011913	.0020813	.0003493	.0018370	.002002	.11543	.0022149
%RSD	7.994779	44.42217	.1419084	1296.517	39.84564	.3624067	.8740655
#1	.0136255	.0046959	.2457932	-.000595	-.002771	31.72239	.2513927
#2	.0150933	.0025987	.2460749	.002233	-.005707	31.88461	.2557749
#3	.0159848	.0067613	.2464876	-.001212	-.006598	31.94575	.2530231

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0050905**	**-.000120**	**8.572625**	**.0484306**	**.0347213**	**.1478993**	**71.14363**
Stddev	.0000535	.000015	.023827	.0002344	.0002225	.0006840	.50766
%RSD	1.050478	12.12458	.2779398	.4840284	.6409591	.4624397	.7135752
#1	.0051216	-.000112	8.545945	.0481919	.0349730	.1477954	71.13820
#2	.0051211	-.000137	8.580150	.0486605	.0346406	.1486292	70.63870
#3	.0050287	-.000112	8.591781	.0484393	.0345504	.1472732	71.65398

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.940869**	**15.81922**	**.0718660**	**-.002912**	**2.457721**	**.0850525**	**.2102689**
Stddev	.005258	.01653	.0003460	.000379	.021202	.0016828	.0006701
%RSD	.2709004	.1044885	.4814124	12.99917	.8626826	1.978501	.3186671
#1	1.934800	15.80477	.0718649	-.003256	2.437205	.0849804	.2102884
#2	1.944075	15.83725	.0722125	-.002974	2.456409	.0834070	.2109289
#3	1.943729	15.81565	.0715206	-.002506	2.479549	.0867702	.2095892

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**5.272351**	**.0072867**	**.0012622**	**.0324156**	**1.083144**	**.8022573**	**1.898111**
Stddev	.109836	.0010916	.0001794	.0005001	.004533	.0106628	.005685
%RSD	2.083246	14.98109	14.21269	1.542843	.4185348	1.329095	.2995342
#1	5.320764	.0081983	.0012115	.0319463	1.078831	.8102367	1.903306
#2	5.146625	.0060770	.0011136	.0329417	1.082731	.7901472	1.898990
#3	5.349663	.0075848	.0014615	.0323590	1.087870	.8063881	1.892037

Sample Name: Q3412-01LX5 Acquired: 10/23/2025 18:19:51 Type: Unk
Method: 6010-200.7 NEW(v307) 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	.1704134	.0833835	-.004952		
Stddev	.0019180	.0015206	.000660		
%RSD	1.125505	1.823584	13.32099		
#1	.1726275	.0837321	-.005243		
#2	.1692628	.0817189	-.004197		
#3	.1693498	.0846995	-.005417		
Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	7191.491	100420.4	6185.966	5580.779	7662.968
Stddev	12.909	637.7	19.819	12.071	13.461
%RSD	.1795017	.6350376	.3203879	.2162900	.1756615
#1	7187.803	100256.2	6208.711	5566.861	7656.842
#2	7180.828	101124.1	6176.781	5588.389	7653.659
#3	7205.843	99880.8	6172.406	5587.086	7678.402

Reviewed By:jaswal
On:10/28/2025 3:14:16 PM
Inst Id :P4
LB :LB137630

Sample Name: Q3412-01MS Acquired: 10/23/2025 18:23:55 Type: Unk
Method: 6010-200.7 NEW(v307) 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	**.6329658**	**1.575114**	**1.596629**	**1.343095**	**.2286032**	**147.7897**
Stddev	.0026379	.005697	.007768	.002287	.0020037	.4161
%RSD	.4167579	.3616603	.4865383	.1702713	.8764728	.2815170
#1	.6355002	1.580263	1.599071	1.345720	.2308817	148.2699
#2	.6302353	1.568995	1.602883	1.341537	.2271164	147.5612
#3	.6331621	1.576084	1.587933	1.342028	.2278115	147.5380

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.175315**	**.1613457**	**.1906745**	**34.62557**	**.4749628**	**.3511125**
Stddev	.004757	.0008094	.0006559	.08848	.0018096	.0004718
%RSD	.4047417	.5016316	.3440125	.2555403	.3810017	.1343828
#1	1.179288	.1610496	.1914088	34.72556	.4766133	.3513469
#2	1.170044	.1607260	.1904684	34.55740	.4752473	.3514213
#3	1.176612	.1622614	.1901464	34.59374	.4730278	.3505694

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.7388585**	**282.7124**	**7.694146**	**71.29715**	**.8166434**	**.0459224**
Stddev	.0011164	1.5486	.026631	.19011	.0024505	.0006939
%RSD	.1511022	.5477608	.3461246	.2666427	.3000658	1.511067
#1	.7394891	282.8854	7.722566	71.48396	.8188115	.0451683
#2	.7375694	284.1672	7.669765	71.10391	.8171339	.0465340
#3	.7395168	281.0845	7.690106	71.30359	.8139848	.0460649

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**11.86097**	**.5551171**	**1.020524**	**31.21205**	**.2566038**	**.2779492**
Stddev	.09665	.0062579	.001069	.22954	.0140344	.0005514
%RSD	.8148687	1.127314	.1047479	.7354115	5.469302	.1983833
#1	11.87705	.5595702	1.019302	31.24628	.2678508	.2785858
#2	11.94857	.5479621	1.021286	31.42254	.2610844	.2776202
#3	11.75729	.5578188	1.020985	30.96731	.2408761	.2776416

Sample Name: Q3412-01MS Acquired: 10/23/2025 18:23:55 Type: Unk
Method: 6010-200.7 NEW(v307) 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	.6625748	4.491652	3.540618	F 14.89788	.7881516	.5047377
Stddev	.0018061	.016299	.024092	.06732	.0048222	.0030340
%RSD	.2725874	.3628681	.6804430	.4518551	.6118346	.6011006
#1	.6646191	4.510313	3.549786	14.96359	.7933900	.5059860
#2	.6619097	4.480209	3.558781	14.90099	.7871674	.5012786
#3	.6611955	4.484434	3.513289	14.82906	.7838975	.5069483

Elem	Sr4077
Units	ppm
Avg	.1273390
Stddev	.0026736
%RSD	2.099565
#1	.1285836
#2	.1242701
#3	.1291635

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	7855.380	110012.5	6906.762	6215.093	6675.162
Stddev	18.985	509.1	37.657	19.330	19.266
%RSD	.2416813	.4627856	.5452199	.3110159	.2886229
#1	7837.148	109722.1	6873.556	6206.975	6652.957
#2	7875.038	109715.0	6947.677	6201.146	6687.440
#3	7853.954	110600.4	6899.054	6237.158	6685.088

Sample Name: Q3412-01MSD Acquired: 10/23/2025 18:27:51 Type: Unk
Method: 6010-200.7 NEW(v307) 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	**.6532043**	**1.702200**	**1.833089**	**1.367813**	**.2515180**	**153.7174**
Stddev	.0033960	.002500	.005183	.002458	.0034331	.3125
%RSD	.5199023	.1468964	.2827548	.1797046	1.364932	.2033014
#1	.6556336	1.704569	1.836838	1.370365	.2554817	153.5089
#2	.6546555	1.702444	1.835255	1.365461	.2494843	153.5666
#3	.6493237	1.699586	1.827174	1.367612	.2495880	154.0768

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.341180**	**.1691409**	**.2027731**	**64.68712**	**.4982591**	**.3804887**
Stddev	.002899	.0010610	.0004533	.11775	.0015425	.0006598
%RSD	.2161475	.6273025	.2235707	.1820244	.3095861	.1734040
#1	1.338960	.1679169	.2028949	64.56209	.4968762	.3805174
#2	1.344460	.1697064	.2031530	64.70339	.4979783	.3811337
#3	1.340122	.1697994	.2022713	64.79589	.4999227	.3798151

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.8619823**	**301.4789**	**8.785561**	**71.95878**	**.8682574**	**.0446360**
Stddev	.0014083	1.5877	.021880	.25597	.0014834	.0009332
%RSD	.1633829	.5266290	.2490448	.3557193	.1708459	2.090663
#1	.8603565	303.2494	8.760675	71.85398	.8689366	.0455088
#2	.8628256	300.1818	8.801780	71.77184	.8692796	.0436523
#3	.8627649	301.0055	8.794228	72.25052	.8665560	.0447468

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**11.89300**	**.5875708**	**1.070585**	**30.35095**	**.2631960**	**.2920432**
Stddev	.05253	.0005765	.004538	.10077	.0064487	.0006525
%RSD	.4416672	.0981102	.4238822	.3320039	2.450132	.2234359
#1	11.94915	.5882328	1.075476	30.46117	.2706313	.2917294
#2	11.88479	.5871796	1.069765	30.26356	.2598290	.2916068
#3	11.84507	.5872999	1.066512	30.32812	.2591279	.2927933

Reviewed By:jaswal
On:10/28/2025 3:14:16 PM
Inst Id :P4
LB :LB137630

Sample Name: Q3412-01MSD Acquired: 10/23/2025 18:27:51 Type: Unk
Method: 6010-200.7 NEW(v307) 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	.7426615	4.984003	9.478371	F 17.58739	1.171228	.4963591
Stddev	.0022474	.003501	.068410	.07306	.004294	.0013472
%RSD	.3026138	.0702389	.7217464	.4153874	.3666429	.2714216
#1	.7419507	4.980061	9.550933	17.58818	1.175642	.4952975
#2	.7451784	4.985199	9.415054	17.66004	1.170978	.4978747
#3	.7408555	4.986750	9.469127	17.51394	1.167064	.4959052

Elem	Sr4077
Units	ppm
Avg	.2831421
Stddev	.0028413
%RSD	1.003480
#1	.2799673
#2	.2854462
#3	.2840127

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	8105.034	112462.8	7090.269	6364.065	6584.541
Stddev	24.116	465.6	29.097	30.970	23.649
%RSD	.2975465	.4139691	.4103849	.4866425	.3591669
#1	8077.956	112081.9	7121.333	6333.899	6558.483
#2	8124.202	112981.8	7085.825	6395.781	6590.496
#3	8112.943	112324.7	7063.650	6362.514	6604.644

Sample Name: Q3412-01A Acquired: 10/23/2025 18:31:47 Type: Unk
Method: 6010-200.7 NEW(v307) 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	**.7027505**	**1.707303**	**2.242027**	**1.568632**	**.6102198**	**141.0249**
Stddev	.0005594	.032566	.001036	.002921	.0038508	.2244
%RSD	.0795970	1.907478	.0462046	.1862386	.6310551	.1591017
#1	.7031661	1.734775	2.242960	1.567589	.6094340	140.9001
#2	.7029707	1.671328	2.242210	1.566376	.6068224	141.2839
#3	.7021145	1.715805	2.240912	1.571932	.6144029	140.8907

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.233620**	**.1817874**	**.2122371**	**37.42386**	**.5158213**	**.3891855**
Stddev	.011294	.0006859	.0002050	.08877	.0016467	.0010073
%RSD	.9154990	.3773014	.0965759	.2371941	.3192416	.2588135
#1	1.243669	.1824485	.2121098	37.52339	.5139200	.3891629
#2	1.235794	.1818344	.2121279	37.39527	.5167526	.3902039
#3	1.221397	.1810792	.2124736	37.35291	.5167913	.3881898

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.8353366**	**313.1632**	**8.318716**	**69.35644**	**.8905707**	**.0477495**
Stddev	.0007465	1.4475	.064867	.08389	.0006708	.0010407
%RSD	.0893629	.4622249	.7797688	.1209478	.0753241	2.179578
#1	.8361140	313.5473	8.382144	69.27884	.8911235	.0480185
#2	.8346254	314.3800	8.321504	69.44544	.8907642	.0486293
#3	.8352705	311.5624	8.252500	69.34502	.8898244	.0466006

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**11.11612**	**.6074172**	**1.062205**	**29.57061**	**.3020132**	**.3308592**
Stddev	.08849	.0012894	.000669	.14536	.0045658	.0002624
%RSD	.7960363	.2122734	.0629382	.4915683	1.511779	.0793070
#1	11.16639	.6089052	1.062955	29.52004	.2969848	.3306158
#2	11.16803	.6066303	1.061673	29.73450	.3058995	.3311372
#3	11.01395	.6067161	1.061987	29.45729	.3031553	.3308247

Sample Name: Q3412-01A Acquired: 10/23/2025 18:31:47 Type: Unk
Method: 6010-200.7 NEW(v307) 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	.9174744	5.096286	8.770248	F 16.23675	.8782223	.4913987
Stddev	.0025788	.038660	.043031	.03078	.0009500	.0029443
%RSD	.2810771	.7585846	.4906519	.1895757	.1081710	.5991736
#1	.9153886	5.136397	8.793260	16.26978	.8790184	.4946749
#2	.9203577	5.093199	8.720603	16.23161	.8771707	.4905470
#3	.9166767	5.059262	8.796880	16.20887	.8784778	.4889740

Elem	Sr4077
Units	ppm
Avg	.1257381
Stddev	.0025688
%RSD	2.042992
#1	.1286166
#2	.1249191
#3	.1236787

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	7909.957	110239.9	6933.284	6124.843	6672.887
Stddev	10.152	1051.7	39.638	30.445	12.481
%RSD	.1283504	.9540557	.5717036	.4970740	.1870342
#1	7898.541	111334.5	6966.009	6159.931	6662.272
#2	7913.355	109237.1	6889.209	6105.412	6669.755
#3	7917.974	110148.0	6944.633	6109.188	6686.636

Sample Name: PB170224BL Acquired: 10/23/2025 18:35:43 Type: Unk
Method: 6010-200.7 NEW(v307) 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	**.0008471**	**.0005005**	**.0002921**	**.0013686**	**.0016278**	**-.013859**	**.0062810**
Stddev	.0026494	.0017659	.0010940	.0015171	.0020770	.004597	.0020779
%RSD	312.7459	352.8342	374.5673	110.8448	127.5987	33.17119	33.08242
#1	.0021200	.0007885	-.000830	.0022086	.0038734	-.008844	.0038864
#2	.0026199	.0021046	.000350	-.000383	-.000224	-.017874	.0076087
#3	-.002198	-.001392	.001356	.002280	.001234	-.014858	.0073479

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0000633**	**-.000092**	**-.005404**	**-.000064**	**-.000034**	**-.000248**	**.0012182**
Stddev	.0000292	.000030	.011275	.000135	.000071	.000383	.0061085
%RSD	46.21804	32.53098	208.6312	209.7729	207.2846	154.7681	501.4446
#1	.0000969	-.000110	-.018413	.000083	-.000114	-.000183	.0029753
#2	.0000442	-.000058	.001544	-.000095	.000024	.000099	-.005576
#3	.0000487	-.000110	.000656	-.000181	-.000013	-.000659	.006256

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000452**	**-.024436**	**.0001275**	**-.000064**	**.2691869**	**-.001872**	**-.000071**
Stddev	.000632	.022065	.0003442	.000306	.0435132	.000429	.000021
%RSD	139.8421	90.29635	269.9312	477.7523	16.16468	22.93947	29.95185
#1	.000148	-.041671	.0000350	.000227	.2194509	-.001818	-.000052
#2	-.000391	-.032070	.0005084	-.000382	.2878790	-.002326	-.000094
#3	-.001112	.000432	-.000161	-.000037	.3002309	-.001472	-.000067

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3576516**	**-.008319**	**.0000676**	**-.004803**	**-.003286**	**.0193920**	**-.003246**
Stddev	.0837574	.000824	.0002118	.000183	.001216	.0025367	.001362
%RSD	23.41872	9.905778	313.1784	3.799691	37.02162	13.08109	41.94435
#1	.2992748	-.007382	.0001041	-.004659	-.004028	.0175828	-.003498
#2	.3200612	-.008643	-.000160	-.005008	-.001882	.0222916	-.001776
#3	.4536189	-.008931	.000259	-.004743	-.003948	.0183017	-.004464

Sample Name: PB170224BL Acquired: 10/23/2025 18:35:43 Type: Unk
Method: 6010-200.7 NEW(v307) 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	.0073908	.0050461	.0000119
Stddev	.0028554	.0013935	.0001699
%RSD	38.63499	27.61597	1429.135
#1	.0106658	.0044708	.0001856
#2	.0054230	.0040323	.0000041
#3	.0060836	.0066351	-.000154

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6895.003	95935.72	5925.036	5216.027	8344.983
Stddev	8.470	144.76	58.180	18.280	18.162
%RSD	.1228430	.1508911	.9819401	.3504503	.2176455
#1	6892.781	96062.65	5982.040	5227.209	8332.567
#2	6887.866	95778.06	5927.321	5225.939	8336.553
#3	6904.363	95966.44	5865.747	5194.932	8365.829

Reviewed By:jaswal
On:10/28/2025 3:14:16 PM
Inst Id :P4
LB :LB137630

Sample Name: PB170224BS Acquired: 10/23/2025 18:39:57 Type: Unk
Method: 6010-200.7 NEW(v307) 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	**.7188654**	**1.646307**	**.8792065**	**1.815714**	**.7239071**	**1.728760**
Stddev	.0020137	.056509	.0012152	.004483	.0005973	.023043
%RSD	.2801284	3.432468	.1382151	.2468842	.0825114	1.332901
#1	.7211777	1.584974	.8787746	1.814542	.7239946	1.749815
#2	.7174966	1.696261	.8782662	1.820667	.7232708	1.704144
#3	.7179220	1.657685	.8805786	1.811935	.7244557	1.732320

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1740121**	**.1804073**	**.1757017**	**.9246349**	**.3471271**	**.1766742**
Stddev	.0024076	.0016709	.0001121	.0102218	.0028109	.0001442
%RSD	1.383600	.9261912	.0638026	1.105495	.8097606	.0816081
#1	.1760139	.1812960	.1757847	.9225805	.3481827	.1767947
#2	.1746821	.1814461	.1757462	.9357279	.3439412	.1765145
#3	.1713405	.1784799	.1755742	.9155964	.3492574	.1767133

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2821979**	**2.486866**	**.1798367**	**1.849629**	**.4447459**	**.0656656**
Stddev	.0006073	.043268	.0011783	.016095	.0008024	.0004385
%RSD	.2152212	1.739859	.6552029	.8701811	.1804152	.6677282
#1	.2828959	2.524144	.1810168	1.840178	.4452084	.0661561
#2	.2817901	2.439420	.1786602	1.868213	.4438194	.0653116
#3	.2819077	2.497035	.1798333	1.840497	.4452100	.0655292

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.501905**	**.2613379**	**.1838395**	**8.411973**	**.2834373**	**.3624318**
Stddev	.065188	.0010858	.0012991	.171034	.0031690	.0002386
%RSD	2.605523	.4154708	.7066645	2.033225	1.118068	.0658276
#1	2.492908	.2621863	.1841329	8.453786	.2840504	.3626014
#2	2.441683	.2617131	.1824188	8.223909	.2862550	.3625349
#3	2.571124	.2601143	.1849669	8.558223	.2800066	.3621589

Sample Name: PB170224BS Acquired: 10/23/2025 18:39:57 Type: Unk
Method: 6010-200.7 NEW(v307) 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	.6214608	.1717013	F .7386581	5.249057	F .0043452	.1710771
Stddev	.0003549	.0028813	.0236477	.017384	.0011807	.0030866
%RSD	.0571011	1.678103	3.201438	.3311751	27.17307	1.804237
#1	.6218665	.1748799	.7563744	5.237714	.0056599	.1732439
#2	.6212080	.1709631	.7118051	5.269071	.0033752	.1724445
#3	.6213078	.1692609	.7477947	5.240388	.0040004	.1675430

Elem	Sr4077
Units	ppm
Avg	.1698127
Stddev	.0020430
%RSD	1.203109
#1	.1721124
#2	.1682072
#3	.1691186

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	7309.947	102950.7	6199.997	5704.472	8432.942
Stddev	12.400	660.1	46.448	43.017	13.483
%RSD	.1696283	.6411353	.7491660	.7540865	.1598794
#1	7300.565	102774.6	6175.593	5668.287	8430.294
#2	7324.005	103680.9	6170.838	5752.034	8447.552
#3	7305.271	102396.6	6253.561	5693.097	8420.980

Reviewed By:jaswal
On:10/28/2025 3:14:16 PM
Inst Id :P4
LB :LB137630

Sample Name: Q3427-01 Acquired: 10/23/2025 18:43:58 Type: Unk
Method: 6010-200.7 NEW(v307) 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	**.0494427**	**.0039383**	**.4629460**	**-.006220**	**-.024383**	**146.1930**	**1.284153**
Stddev	.0022810	.0040339	.0016786	.002378	.002148	.2825	.007188
%RSD	4.613328	102.4285	.3626001	38.22397	8.810646	.1932259	.5597213
#1	.0484753	.0079726	.4641374	-.008927	-.025655	146.3466	1.292338
#2	.0520480	-.000095	.4636744	-.005261	-.025591	146.3653	1.281254
#3	.0478049	.003937	.4610262	-.004472	-.021903	145.8669	1.278868

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0214198**	**.0059455**	**60.10161**	**.2385552**	**.1910605**	**1.229314**	**321.8059**
Stddev	.0000887	.0000951	.12974	.0005689	.0004050	.000913	1.0979
%RSD	.4141206	1.600050	.2158696	.2384805	.2119650	.0742604	.3411689
#1	.0213510	.0058730	60.10299	.2387588	.1906783	1.228264	322.3552
#2	.0215199	.0060532	60.23066	.2379126	.1914849	1.229759	320.5417
#3	.0213885	.0059104	59.97119	.2389944	.1910182	1.229919	322.5207

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**19.13620**	**84.24989**	**.4150135**	**-.010117**	**24.92771**	**.3870286**	**1.149469**
Stddev	.04093	.24530	.0010011	.000309	.16910	.0033125	.001875
%RSD	.2138714	.2911539	.2412287	3.052180	.6783622	.8558816	.1631103
#1	19.18220	83.96810	.4141395	-.010468	25.08651	.3884951	1.151369
#2	19.12258	84.41559	.4147951	-.009887	24.74992	.3893548	1.149416
#3	19.10382	84.36599	.4161058	-.009996	24.94670	.3832360	1.147620

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**29.12247**	**.1200332**	**.0048672**	**.0705889**	**4.631633**	**6.458641**	**8.546276**
Stddev	.19675	.0055346	.0001888	.0002221	.014998	.031874	.026353
%RSD	.6755818	4.610921	3.878086	.3146354	.3238121	.4935086	.3083536
#1	29.30952	.1202712	.0048519	.0708423	4.641997	6.495329	8.517220
#2	28.91729	.1143833	.0046865	.0704282	4.614436	6.437762	8.568633
#3	29.14061	.1254449	.0050631	.0704962	4.638468	6.442831	8.552974

Reviewed By:jaswal
On:10/28/2025 3:14:16 PM
Inst Id :P4
LB :LB137630

Sample Name: Q3427-01 Acquired: 10/23/2025 18:43:58 Type: Unk
Method: 6010-200.7 NEW(v307) 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	1.103340	.4512591	-.032762
Stddev	.009550	.0007267	.000887
%RSD	.8655191	.1610300	2.706643
#1	1.097578	.4505281	-.032286
#2	1.114364	.4512679	-.032214
#3	1.098079	.4519813	-.033785

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	8062.095	111099.4	7077.176	6268.235	6717.353
Stddev	13.063	256.6	24.040	14.084	12.473
%RSD	.1620287	.2309478	.3396902	.2246871	.1856806
#1	8077.177	111378.6	7099.569	6277.590	6730.648
#2	8054.722	111045.7	7051.772	6275.078	6705.908
#3	8054.385	110873.9	7080.188	6252.037	6715.504

Reviewed By:jaswal
On:10/28/2025 3:14:16 PM
Inst Id :P4
LB :LB137630

Sample Name: Q3431-01 Acquired: 10/23/2025 18:47:57 Type: Unk
Method: 6010-200.7 NEW(v307) 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	**.0553223**	**-.009064**	**.2423884**	**-.002596**	**-.019539**	**133.7984**
Stddev	.0019603	.001084	.0022510	.001129	.001822	.0998
%RSD	3.543460	11.95729	.9286667	43.48205	9.326893	.0745987
#1	.0544852	-.010021	.2443015	-.001760	-.019758	133.6917
#2	.0575622	-.009285	.2429555	-.003880	-.017617	133.8895
#3	.0539196	-.007887	.2399080	-.002149	-.021242	133.8139

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5249194**	**.0152435**	**.0055880**	**49.32478**	**.1982816**	**.1513171**
Stddev	.0014596	.0000880	.0002107	.07243	.0007628	.0001264
%RSD	.2780544	.5771138	3.771327	.1468458	.3847193	.0835013
#1	.5263395	.0151552	.0053663	49.30343	.1974104	.1513706
#2	.5249953	.0152441	.0056121	49.40548	.1988294	.1511727
#3	.5234233	.0153312	.0057857	49.26542	.1986051	.1514078

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4365574**	**244.9257**	**3.718243**	**63.56460**	**.2475149**	**-.011028**
Stddev	.0009702	1.0990	.009849	.12839	.0003181	.000538
%RSD	.2222363	.4486893	.2648724	.2019778	.1285005	4.878026
#1	.4362053	245.7553	3.726518	63.41637	.2477386	-.010509
#2	.4376545	245.3426	3.720860	63.63676	.2471508	-.010993
#3	.4358125	243.6794	3.707350	63.64067	.2476554	-.011583

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.490952**	**.4939602**	**.5323167**	**17.06591**	**.0200599**	**.0143081**
Stddev	.008498	.0020418	.0021272	.14728	.0070424	.0004142
%RSD	.1892165	.4133433	.3996170	.8629824	35.10680	2.895051
#1	4.498365	.4917280	.5335791	17.20278	.0275577	.0144928
#2	4.492813	.4957334	.5298607	17.08487	.0190371	.0145978
#3	4.481678	.4944193	.5335103	16.91007	.0135848	.0138336

Reviewed By:jaswal
On:10/28/2025 3:14:16 PM
Inst Id :P4
LB :LB137630

Sample Name: Q3431-01 Acquired: 10/23/2025 18:47:57 Type: Unk
Method: 6010-200.7 NEW(v307) 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	.0069388	6.265531	5.981393	F 11.50224	7.147995	.2411354
Stddev	.0004107	.025959	.059295	.06162	.058233	.0022936
%RSD	5.919203	.4143095	.9913191	.5357083	.8146806	.9511771
#1	.0074099	6.272247	5.993963	11.53767	7.146631	.2387124
#2	.0066558	6.287472	6.033395	11.53796	7.206898	.2414206
#3	.0067506	6.236874	5.916821	11.43109	7.090456	.2432730

Elem	Sr4077
Units	ppm
Avg	-.097785
Stddev	.000602
%RSD	.6157434
#1	-.098223
#2	-.098035
#3	-.097099

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	8742.690	122057.4	7756.279	6932.118	7018.860
Stddev	21.794	552.5	44.986	10.184	17.423
%RSD	.2492772	.4526879	.5799945	.1469035	.2482246
#1	8739.857	122563.4	7806.916	6928.371	7018.957
#2	8722.452	121467.9	7720.926	6943.644	7001.388
#3	8765.762	122140.9	7740.997	6924.339	7036.233

Reviewed By:jaswal
On:10/28/2025 3:14:16 PM
Inst Id :P4
LB :LB137630

Sample Name: Q3431-01DUP Acquired: 10/23/2025 18:51:56 Type: Unk
Method: 6010-200.7 NEW(v307) 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	**.0476860**	**-.006242**	**.2643250**	**-.004245**	**-.017612**	**122.8559**
Stddev	.0020475	.000205	.0015360	.000455	.001271	.1241
%RSD	4.293751	3.289696	.5811014	10.72508	7.219441	.1010201
#1	.0460964	-.006042	.2642702	-.004767	-.019018	122.7227
#2	.0499965	-.006231	.2628172	-.004036	-.016544	122.9682
#3	.0469652	-.006452	.2658877	-.003931	-.017273	122.8768

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4875883**	**.0143450**	**.0046686**	**44.32639**	**.1910529**	**.1364625**
Stddev	.0011797	.0000573	.0002166	.05351	.0002230	.0005573
%RSD	.2419400	.3995300	4.639097	.1207141	.1167124	.4084140
#1	.4876196	.0143101	.0045264	44.26915	.1908194	.1370176
#2	.4863933	.0144112	.0049179	44.33488	.1912636	.1359030
#3	.4887520	.0143138	.0045616	44.37515	.1910757	.1364670

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4455237**	**229.4777**	**3.508110**	**53.27128**	**.2207704**	**-.010777**
Stddev	.0014838	2.1272	.010358	.09683	.0003275	.000877
%RSD	.3330421	.9269651	.2952674	.1817683	.1483413	8.134074
#1	.4441487	230.5959	3.514629	53.17404	.2205968	-.010612
#2	.4470964	227.0246	3.496166	53.27210	.2211481	-.011724
#3	.4453259	230.8125	3.513536	53.36769	.2205662	-.009995

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**3.869198**	**.4583288**	**.5012595**	**15.21759**	**-.014147**	**.0243216**
Stddev	.037787	.0043026	.0014501	.12334	.009967	.0003821
%RSD	.9766098	.9387492	.2892867	.8105336	70.45317	1.571230
#1	3.878159	.4592546	.4998229	15.30860	-.002981	.0239779
#2	3.827736	.4536386	.5012328	15.07721	-.022144	.0242537
#3	3.901699	.4620930	.5027227	15.26696	-.017316	.0247331

Sample Name: Q3431-01DUP Acquired: 10/23/2025 18:51:56 Type: Unk
Method: 6010-200.7 NEW(v307) 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	.0059466	6.019087	6.426590	F 10.65637	6.174701	.1615393
Stddev	.0004248	.005950	.064890	.04646	.044428	.0001671
%RSD	7.143153	.0988473	1.009706	.4360281	.7195127	.1034443
#1	.0056321	6.016097	6.477791	10.71001	6.225491	.1616565
#2	.0064298	6.015226	6.353614	10.63090	6.143054	.1613479
#3	.0057779	6.025939	6.448366	10.62822	6.155559	.1616134

Elem	Sr4077
Units	ppm
Avg	-.101804
Stddev	.001559
%RSD	1.530885
#1	-.102556
#2	-.100013
#3	-.102845

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	8818.714	120713.3	7741.766	6750.137	7345.651
Stddev	28.789	387.3	47.710	33.308	20.231
%RSD	.3264572	.3208753	.6162712	.4934349	.2754131
#1	8843.052	120723.9	7787.972	6769.446	7360.081
#2	8826.157	121095.2	7692.682	6769.288	7354.345
#3	8786.935	120320.7	7744.644	6711.677	7322.526

Sample Name: Q343101LX5 Acquired: 10/23/2025 18:55:56 Type: Unk
Method: 6010-200.7 NEW(v307) 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	**.0154398**	**.0029689**	**.0539951**	**-.002082**	**-.005072**	**37.34748**	**.1469954**
Stddev	.0010294	.0013484	.0008651	.002548	.001789	.13091	.0017770
%RSD	6.667341	45.41783	1.602157	122.3858	35.27504	.3505196	1.208899
#1	.0160837	.0016145	.0546859	-.004952	-.004940	37.24407	.1467375
#2	.0159831	.0029808	.0542744	-.001205	-.006924	37.30369	.1453614
#3	.0142525	.0043112	.0530248	-.000088	-.003353	37.49467	.1488873

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0043795**	**-.000045**	**14.03147**	**.0572668**	**.0327305**	**.1259563**	**67.21877**
Stddev	.0000436	.000110	.07315	.0006782	.0005471	.0026026	.44458
%RSD	.9958157	245.5157	.5213587	1.184305	1.671490	2.066281	.6613854
#1	.0043644	.000079	13.94881	.0580488	.0332124	.1285987	66.70689
#2	.0043455	-.000132	14.05772	.0569109	.0328432	.1258749	67.44100
#3	.0044287	-.000082	14.08788	.0568405	.0321358	.1233954	67.50841

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.050353**	**18.16742**	**.0549348**	**-.002575**	**1.286335**	**.1369825**	**.1509676**
Stddev	.003591	.04933	.0010507	.000115	.020200	.0033881	.0009121
%RSD	.3418398	.2715502	1.912624	4.477941	1.570316	2.473381	.6041659
#1	1.046305	18.14415	.0559397	-.002464	1.267641	.1342332	.1519329
#2	1.051603	18.22408	.0550210	-.002694	1.307762	.1359466	.1501201
#3	1.053152	18.13402	.0538437	-.002569	1.283602	.1407676	.1508500

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.707631**	**-.017325**	**.0038509**	**-.002227**	**1.749619**	**1.802483**	**2.463419**
Stddev	.064845	.002012	.0000664	.000307	.007462	.051813	.048534
%RSD	1.377438	11.61409	1.725361	13.76991	.4264744	2.874546	1.970188
#1	4.684320	-.019536	.0039273	-.001960	1.746195	1.789835	2.516048
#2	4.657664	-.016837	.0038186	-.002159	1.744483	1.758165	2.453784
#3	4.780908	-.015601	.0038067	-.002562	1.758178	1.859450	2.420426

Reviewed By:jaswal
On:10/28/2025 3:14:16 PM
Inst Id :P4
LB :LB137630

Sample Name: Q343101LX5 Acquired: 10/23/2025 18:55:56 Type: Unk
Method: 6010-200.7 NEW(v307) 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	1.519297	.0663905	-.026446
Stddev	.036763	.0037610	.000355
%RSD	2.419742	5.664913	1.340751
#1	1.560050	.0646992	-.026069
#2	1.509210	.0637721	-.026773
#3	1.488630	.0707002	-.026496

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	7544.974	104815.9	6482.639	5790.820	7869.683
Stddev	12.572	178.8	22.967	27.356	9.847
%RSD	.1666302	.1705826	.3542790	.4724060	.1251302
#1	7556.601	104793.4	6460.194	5769.916	7864.668
#2	7531.632	105004.8	6506.094	5821.781	7863.353
#3	7546.689	104649.3	6481.628	5780.762	7881.028

Reviewed By:jaswal
On:10/28/2025 3:14:16 PM
Inst Id :P4
LB :LB137630

Sample Name: CCV07 Acquired: 10/23/2025 18:59:59 Type: Unk
Method: 6010-200.7 NEW(v307) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCV06 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**5.034453**	**4.525986**	**5.057139**	**5.087314**	**4.900236**	**9.836367**	**9.588910**
Stddev	.021798	.084038	.018766	.035862	.016043	.027931	.060454
%RSD	.4329692	1.856787	.3710740	.7049290	.3274012	.2839530	.6304525
#1	5.059553	4.611785	5.078502	5.128562	4.917369	9.868308	9.657586
#2	5.020282	4.522345	5.043317	5.069859	4.885567	9.816530	9.565403
#3	5.023525	4.443828	5.049599	5.063522	4.897772	9.824264	9.543740

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2441523**	**2.531608**	**24.63102**	**.9521944**	**2.473231**	**1.245133**	**4.708597**
Stddev	.0031453	.011218	.09590	.0030141	.008607	.002703	.033507
%RSD	1.288237	.4431147	.3893516	.3165459	.3480180	.2170955	.7116225
#1	.2477815	2.544306	24.74123	.9556728	2.483109	1.248250	4.676957
#2	.2424582	2.527480	24.56653	.9503517	2.467338	1.243725	4.743702
#3	.2422173	2.523039	24.58531	.9505587	2.469247	1.243425	4.705133

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.430438**	**25.09658**	**2.492447**	**1.275967**	**22.67231**	**2.456503**	**2.552095**
Stddev	.020340	.08958	.009427	.005225	.10986	.005930	.008431
%RSD	.8368851	.3569478	.3782040	.4095081	.4845476	.2413903	.3303551
#1	2.453150	25.19790	2.503330	1.281632	22.56783	2.461298	2.561071
#2	2.424264	25.02787	2.486827	1.274934	22.78685	2.449872	2.544343
#3	2.413901	25.06398	2.487185	1.271336	22.66224	2.458337	2.550871

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**23.78692**	**5.461774**	**4.884050**	**5.021856**	**4.820329**	**4.749931**	**5.193050**
Stddev	.17205	.073584	.027272	.025977	.018185	.033472	.047337
%RSD	.7232876	1.347249	.5583937	.5172870	.3772504	.7046805	.9115386
#1	23.61272	5.546448	4.914416	5.050238	4.840178	4.711282	5.245943
#2	23.95673	5.425536	4.876090	4.999258	4.816337	4.769079	5.178543
#3	23.79132	5.413337	4.861643	5.016073	4.804472	4.769433	5.154665

Sample Name: CCV07 Acquired: 10/23/2025 18:59:59 Type: Unk
Method: 6010-200.7 NEW(v307) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCV06 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	**5.010746**	**4.645151**	**4.781785**
Stddev	.042489	.028749	.070814
%RSD	.8479592	.6189130	1.480902
#1	5.059803	4.676784	4.862472
#2	4.985580	4.638054	4.729966
#3	4.986856	4.620615	4.752916

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6955.721**	**95689.41**	**6032.724**	**5254.927**	**7515.347**
Stddev	20.021	142.85	58.429	17.749	19.230
%RSD	.2878288	.1492892	.9685311	.3377577	.2558768
#1	6936.369	95852.67	5965.793	5250.281	7493.625
#2	6954.446	95587.36	6073.551	5274.537	7522.219
#3	6976.349	95628.21	6058.827	5239.964	7530.197

Sample Name: CCB07 Acquired: 10/23/2025 19:04:01 Type: Unk
Method: 6010-200.7 NEW(v307) 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	**.0007498**	**.0023023**	**.0007134**	**-.000340**	**-.000805**	**-.001491**	**.0023727**
Stddev	.0019765	.0003065	.0001963	.003091	.000860	.005394	.0022606
%RSD	263.6056	13.31260	27.50974	907.6942	106.8707	361.7215	95.27711
#1	.0019429	.0019718	.0009033	-.003578	.000028	-.007508	.0049816
#2	.0018382	.0025771	.0005114	-.000022	-.000752	.002913	.0011414
#3	-.001532	.0023579	.0007254	.002579	-.001691	.000121	.0009950

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0001244**	**-.000028**	**.0012932**	**.0001627**	**.0000806**	**-.000132**	**-.002137**
Stddev	.0000447	.000039	.0113135	.0003569	.0000938	.000354	.002802
%RSD	35.93721	141.1541	874.8387	219.4445	116.3551	267.0921	131.1295
#1	.0000953	-.000067	-.005007	.0005412	.0001883	.000221	-.000589
#2	.0001021	-.000029	-.005468	.0001146	.0000172	-.000133	-.000450
#3	.0001759	.000012	.014354	-.000168	.0000363	-.000486	-.005371

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000057**	**-.002719**	**.0001723**	**-.000345**	**.1506637**	**-.002591**	**-.000201**
Stddev	.000286	.003124	.0000901	.000424	.0197259	.002882	.000080
%RSD	505.1171	114.9027	52.27172	122.7410	13.09269	111.2292	39.71342
#1	-.000183	-.002723	.0002688	.000131	.1327523	-.004574	-.000109
#2	-.000258	.000407	.0000904	-.000681	.1474334	.000715	-.000254
#3	.000271	-.005840	.0001578	-.000485	.1718054	-.003913	-.000240

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2741423**	**-.001580**	**.0004103**	**-.004827**	**-.000606**	**.0113049**	**-.002736**
Stddev	.0428324	.001119	.0002436	.000504	.000549	.0104939	.001147
%RSD	15.62415	70.83499	59.35647	10.43409	90.50725	92.82629	41.92090
#1	.2947967	-.000497	.0005681	-.004513	-.001200	.0047262	-.003762
#2	.2248965	-.002732	.0005331	-.004559	-.000502	.0057817	-.001498
#3	.3027338	-.001512	.0001298	-.005407	-.000117	.0234070	-.002949

Reviewed By:jaswal
On:10/28/2025 3:14:16 PM
Inst Id :P4
LB :LB137630

Sample Name: CCB07 Acquired: 10/23/2025 19:04:01 Type: Unk
Method: 6010-200.7 NEW(v307) 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	.0074723	.0002140	.0001219
Stddev	.0025945	.0005913	.0000684
%RSD	34.72215	276.2820	56.07625
#1	.0062782	-.000350	.0001205
#2	.0104489	.000163	.0001910
#3	.0056898	.000829	.0000543

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	7005.987	98367.14	5887.992	5476.326	8348.157
Stddev	33.123	208.80	10.343	15.355	33.728
%RSD	.4727796	.2122696	.1756605	.2803965	.4040206
#1	7042.910	98214.22	5890.656	5470.194	8385.739
#2	6978.887	98282.17	5876.578	5464.984	8320.517
#3	6996.163	98605.03	5896.743	5493.800	8338.216

Sample Name: Q3431-01MS Acquired: 10/23/2025 19:08:16 Type: Unk
Method: 6010-200.7 NEW(v307) 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	**.6409867**	**1.626220**	**1.147337**	**1.445558**	**.2722755**	**131.5249**
Stddev	.0038980	.018512	.002265	.005269	.0020933	.3599
%RSD	.6081206	1.138362	.1973733	.3645098	.7687981	.2736385
#1	.6454595	1.643394	1.145016	1.451008	.2702814	131.1157
#2	.6391860	1.606610	1.147454	1.440490	.2744555	131.6671
#3	.6383146	1.628655	1.149540	1.445178	.2720895	131.7921

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.6368442**	**.1601167**	**.1974635**	**44.31983**	**.5073239**	**.3357467**
Stddev	.0033385	.0004340	.0000504	.08912	.0015727	.0003944
%RSD	.5242180	.2710585	.0255112	.2010800	.3099884	.1174685
#1	.6384032	.1599055	.1974054	44.23428	.5084985	.3358851
#2	.6330115	.1606158	.1974959	44.31308	.5055372	.3353018
#3	.6391180	.1598286	.1974891	44.41213	.5079359	.3360533

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.6241250**	**237.3749**	**3.596396**	**55.08695**	**.7033860**	**.0457316**
Stddev	.0004414	1.4365	.010046	.21106	.0009018	.0002871
%RSD	.0707256	.6051507	.2793216	.3831425	.1282109	.6277741
#1	.6244917	237.9338	3.601469	54.84794	.7031742	.0456838
#2	.6242482	235.7429	3.584826	55.24771	.7026090	.0454713
#3	.6236350	238.4478	3.602894	55.16518	.7043749	.0460395

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**6.453861**	**.7144153**	**.6380425**	**23.06549**	**.2006864**	**.3010522**
Stddev	.064638	.0022369	.0020627	.14188	.0056253	.0008922
%RSD	1.001543	.3131111	.3232830	.6151372	2.803014	.2963506
#1	6.488976	.7166125	.6358527	23.11760	.2048735	.3014039
#2	6.379266	.7144928	.6399487	22.90492	.1942923	.3000378
#3	6.493342	.7121407	.6383263	23.17395	.2028936	.3017149

Sample Name: Q3431-01MS Acquired: 10/23/2025 19:08:16 Type: Unk
Method: 6010-200.7 NEW(v307) 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	.6622933	6.956487	8.466317	F 16.68088	5.364212	.2896000
Stddev	.0014074	.016971	.145032	.03537	.018532	.0018380
%RSD	.2124990	.2439611	1.713046	.2120139	.3454690	.6346579
#1	.6619553	6.947199	8.326978	16.71964	5.375372	.2909484
#2	.6610858	6.946188	8.455533	16.65035	5.342820	.2875064
#3	.6638389	6.976075	8.616440	16.67266	5.374444	.2903451

Elem	Sr4077
Units	ppm
Avg	.0369371
Stddev	.0006578
%RSD	1.780856
#1	.0375623
#2	.0369980
#3	.0362509

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	8606.605	120733.9	7678.822	6862.815	7128.647
Stddev	6.851	611.0	16.954	26.113	6.286
%RSD	.0796050	.5060464	.2207909	.3805046	.0881800
#1	8606.790	120273.3	7669.989	6832.831	7129.966
#2	8599.663	121426.9	7698.369	6875.045	7121.806
#3	8613.362	120501.3	7668.108	6880.569	7134.168

Sample Name: Q3431-01MSD Acquired: 10/23/2025 19:12:11 Type: Unk
Method: 6010-200.7 NEW(v307) 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	**.6482054**	**1.633653**	**1.193884**	**1.448280**	**.2628057**	**140.8247**
Stddev	.0017844	.063915	.001688	.003326	.0035111	.2746
%RSD	.2752861	3.912400	.1414289	.2296730	1.335998	.1949936
#1	.6467114	1.561810	1.194848	1.444876	.2613180	141.0008
#2	.6501813	1.684206	1.194870	1.451523	.2668157	140.5083
#3	.6477237	1.654943	1.191935	1.448440	.2602835	140.9650

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.6724364**	**.1656256**	**.2023057**	**47.46389**	**.5135692**	**.3514030**
Stddev	.0026756	.0009523	.0002225	.06686	.0002673	.0005531
%RSD	.3978896	.5749947	.1099684	.1408562	.0520432	.1574053
#1	.6705667	.1664243	.2020611	47.51395	.5138629	.3519733
#2	.6755012	.1658808	.2024960	47.48975	.5133403	.3508689
#3	.6712411	.1645716	.2023599	47.38797	.5135045	.3513668

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.6612235**	**260.2091**	**3.914604**	**57.73460**	**.7379924**	**.0466646**
Stddev	.0000840	1.4248	.017581	.13602	.0003746	.0009362
%RSD	.0127016	.5475555	.4491231	.2355917	.0507547	2.006277
#1	.6611392	258.5639	3.914026	57.86065	.7376220	.0456377
#2	.6612242	261.0310	3.932467	57.59043	.7379842	.0468855
#3	.6613072	261.0324	3.897319	57.75271	.7383710	.0474706

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**6.806060**	**.7368269**	**.6990504**	**24.23334**	**.1993523**	**.3058984**
Stddev	.056068	.0060282	.0008574	.19408	.0041318	.0006715
%RSD	.8238018	.8181269	.1226448	.8008804	2.072633	.2195174
#1	6.741476	.7429413	.6982580	24.05741	.1946276	.3051581
#2	6.834434	.7366507	.6999605	24.20109	.2022893	.3060686
#3	6.842270	.7308888	.6989327	24.44153	.2011399	.3064683

Sample Name: Q3431-01MSD Acquired: 10/23/2025 19:12:11 Type: Unk
Method: 6010-200.7 NEW(v307) 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	.6730412	7.441310	8.216723	F 17.51529	6.347440	.2959155
Stddev	.0009852	.020998	.228377	.08530	.047757	.0022774
%RSD	.1463798	.2821755	2.779412	.4870168	.7523887	.7696149
#1	.6719853	7.435396	8.144303	17.42948	6.292348	.2935361
#2	.6739358	7.464630	8.033337	17.60007	6.377086	.2980750
#3	.6732025	7.423903	8.472529	17.51632	6.372886	.2961355

Elem	Sr4077
Units	ppm
Avg	.0267076
Stddev	.0013460
%RSD	5.039784
#1	.0275231
#2	.0274456
#3	.0251540

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	8504.566	115210.2	7428.209	6511.184	6908.344
Stddev	8.642	864.3	20.525	16.210	7.022
%RSD	.1016161	.7502160	.2763084	.2489578	.1016424
#1	8498.501	115753.2	7421.461	6523.390	6902.669
#2	8500.736	115663.8	7451.258	6517.370	6906.167
#3	8514.461	114213.5	7411.907	6492.792	6916.197

Sample Name: Q3431-01A Acquired: 10/23/2025 19:16:04 Type: Unk
Method: 6010-200.7 NEW(v307) 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	**.6174374**	**1.544229**	**1.141127**	**1.385858**	**.5455577**	**132.6086**
Stddev	.0016899	.079900	.003551	.005937	.0029464	.2581
%RSD	.2736994	5.174128	.3111488	.4283971	.5400653	.1946366
#1	.6154940	1.482760	1.144983	1.385541	.5442216	132.8913
#2	.6185618	1.515379	1.137992	1.380087	.5489354	132.5492
#3	.6182563	1.634548	1.140408	1.391948	.5435161	132.3854

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.6487016**	**.1542850**	**.1926019**	**49.02162**	**.4661816**	**.3324366**
Stddev	.0021008	.0006380	.0001363	.10346	.0007005	.0004157
%RSD	.3238471	.4135135	.0707467	.2110414	.1502696	.1250388
#1	.6494792	.1546627	.1924451	49.11944	.4655241	.3323700
#2	.6463229	.1535484	.1926701	48.91332	.4669184	.3328816
#3	.6503028	.1546440	.1926907	49.03209	.4661023	.3320583

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.6298013**	**241.6711**	**3.749028**	**64.34506**	**.7096724**	**.0429392**
Stddev	.0007556	.2011	.015549	.10474	.0015669	.0006197
%RSD	.1199746	.0832087	.4147495	.1627815	.2207952	1.443293
#1	.6299585	241.8061	3.755970	64.45726	.7095620	.0436404
#2	.6304660	241.7672	3.731217	64.24985	.7112916	.0424648
#3	.6289795	241.4400	3.759897	64.32807	.7081636	.0427125

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**6.329889**	**.6977931**	**.6655616**	**23.78281**	**.2352181**	**.3019144**
Stddev	.032238	.0019330	.0012862	.02701	.0020003	.0002189
%RSD	.5093048	.2770098	.1932499	.1135495	.8503861	.0725064
#1	6.298751	.7000250	.6670405	23.80382	.2330296	.3018904
#2	6.327792	.6966626	.6647045	23.79227	.2369518	.3017085
#3	6.363125	.6966916	.6649397	23.75235	.2356728	.3021443

Reviewed By:jaswal
On:10/28/2025 3:14:16 PM
Inst Id :P4
LB :LB137630

Sample Name: Q3431-01A Acquired: 10/23/2025 19:16:04 Type: Unk
Method: 6010-200.7 NEW(v307) 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	.6728888	6.254199	6.482253	F 16.27516	6.794304	.3786284
Stddev	.0020077	.012618	.033633	.10354	.067649	.0008826
%RSD	.2983756	.2017480	.5188465	.6362019	.9956778	.2331125
#1	.6722721	6.255662	6.520946	16.24438	6.772396	.3796228
#2	.6712617	6.240914	6.465795	16.19050	6.740323	.3779376
#3	.6751325	6.266021	6.460019	16.39060	6.870192	.3783249

Elem	Sr4077
Units	ppm
Avg	.0395870
Stddev	.0010952
%RSD	2.766607
#1	.0394398
#2	.0385728
#3	.0407484

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	9093.311	125385.2	8018.491	7012.014	7356.684
Stddev	20.843	302.8	33.981	28.156	18.459
%RSD	.2292141	.2414598	.4237779	.4015365	.2509190
#1	9114.363	125111.3	7988.035	6979.840	7374.635
#2	9072.684	125334.1	8055.143	7024.054	7337.756
#3	9092.887	125710.3	8012.294	7032.148	7357.661

Sample Name: Q3439-01 Acquired: 10/23/2025 19:19:58 Type: Unk
Method: 6010-200.7 NEW(v307) 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	**.0473520**	**.0011770**	**.1664269**	**-.003093**	**-.021845**	**154.8630**	**.7427139**
Stddev	.0019401	.0027058	.0005682	.001813	.003573	.3230	.0038814
%RSD	4.097205	229.8886	.3414185	58.60679	16.35465	.2085748	.5226011
#1	.0451847	-.001884	.1658104	-.004152	-.019495	155.2328	.7467000
#2	.0479450	.002164	.1665407	-.004128	-.025956	154.6364	.7389463
#3	.0489265	.003251	.1669296	-.001000	-.020084	154.7196	.7424955

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0193902**	**.0045804**	**9.569292**	**.1969743**	**.1494018**	**.3477819**	**268.4905**
Stddev	.0001800	.0002701	.019105	.0007917	.0001576	.0020531	1.4955
%RSD	.9284408	5.896962	.1996520	.4019371	.1055003	.5903299	.5569975
#1	.0195893	.0045925	9.590068	.1976828	.1492222	.3478150	268.4524
#2	.0193425	.0048442	9.552479	.1971204	.1495174	.3498182	267.0144
#3	.0192388	.0043044	9.565329	.1961198	.1494657	.3457125	270.0047

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**7.339768**	**58.95186**	**.3232398**	**-.008240**	**11.53605**	**.3174773**	**.6456891**
Stddev	.034251	.17243	.0009419	.000232	.04252	.0012672	.0013845
%RSD	.4666480	.2924862	.2913885	2.814477	.3686250	.3991334	.2144160
#1	7.373893	59.14691	.3221896	-.008410	11.52389	.3177703	.6468487
#2	7.305393	58.88893	.3240098	-.008334	11.50093	.3160893	.6460623
#3	7.340018	58.81973	.3235200	-.007976	11.58333	.3185723	.6441562

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**20.61939**	**.0605261**	**.0054666**	**.0069213**	**4.130669**	**8.496416**	**4.276925**
Stddev	.08295	.0150968	.0000842	.0009581	.011414	.173111	.025360
%RSD	.4023064	24.94257	1.539501	13.84267	.2763144	2.037462	.5929457
#1	20.57988	.0522866	.0053970	.0058733	4.138214	8.385848	4.277820
#2	20.56357	.0513420	.0055601	.0077522	4.117539	8.695917	4.301825
#3	20.71471	.0779498	.0054428	.0071385	4.136255	8.407483	4.251129

Sample Name: Q3439-01 Acquired: 10/23/2025 19:19:58 Type: Unk
Method: 6010-200.7 NEW(v307) 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	.1471310	.2973171	-.161297
Stddev	.0081862	.0008142	.001526
%RSD	5.563870	.2738658	.9459139
#1	.1474296	.2982047	-.160755
#2	.1551638	.2971422	-.160116
#3	.1387996	.2966046	-.163020

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	8452.029	116434.2	7506.246	6518.446	7122.253
Stddev	9.780	149.8	29.817	40.657	16.317
%RSD	.1157114	.1286694	.3972265	.6237294	.2291017
#1	8454.610	116509.0	7473.380	6547.513	7133.538
#2	8441.217	116531.9	7513.794	6535.840	7103.544
#3	8460.259	116261.7	7531.563	6471.985	7129.677

Sample Name: Q3439-05 Acquired: 10/23/2025 19:23:59 Type: Unk
Method: 6010-200.7 NEW(v307) 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	**.0455222**	**-.002143**	**.1501474**	**-.005326**	**-.021291**	**146.4476**	**.7661604**
Stddev	.0018306	.001929	.0006296	.001820	.001111	.0387	.0055419
%RSD	4.021269	90.00573	.4193409	34.16740	5.218787	.0264317	.7233400
#1	.0476240	-.000694	.1497422	-.003379	-.022089	146.4683	.7725325
#2	.0442768	-.004332	.1498271	-.006984	-.021761	146.4029	.7634849
#3	.0446659	-.001402	.1508727	-.005614	-.020022	146.4715	.7624639

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0196066**	**.0044132**	**9.168344**	**.3096335**	**.1554988**	**.5380230**	**259.1261**
Stddev	.0001266	.0000482	.040552	.0014243	.0004516	.0006495	1.2226
%RSD	.6458916	1.091974	.4423015	.4599908	.2904336	.1207122	.4718191
#1	.0197504	.0044267	9.214632	.3092863	.1553843	.5379084	260.4999
#2	.0195578	.0044533	9.151326	.3084149	.1551154	.5374385	258.1576
#3	.0195116	.0043598	9.139075	.3111993	.1559966	.5387221	258.7209

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**6.302050**	**58.26849**	**.3299814**	**-.010848**	**10.74749**	**.3980360**	**1.154381**
Stddev	.046733	.19554	.0002637	.000366	.05297	.0042381	.002960
%RSD	.7415578	.3355907	.0799082	3.378379	.4928697	1.064750	.2564513
#1	6.355131	58.49124	.3299517	-.010730	10.80834	.3946581	1.155324
#2	6.283926	58.18916	.3297339	-.011258	10.71170	.4027915	1.151064
#3	6.267093	58.12508	.3302587	-.010554	10.72243	.3966583	1.156755

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**16.66124**	**.0622809**	**.0039998**	**.0126772**	**3.751899**	**6.833041**	**4.076991**
Stddev	.05410	.0068470	.0003315	.0002639	.022678	.142929	.028323
%RSD	.3247181	10.99373	8.288840	2.081806	.6044283	2.091736	.6947068
#1	16.72314	.0700509	.0042368	.0124763	3.777751	6.907405	4.059959
#2	16.63760	.0571305	.0041416	.0129761	3.735365	6.923458	4.061328
#3	16.62298	.0596613	.0036209	.0125792	3.742581	6.668261	4.109686

Reviewed By:jaswal
On:10/28/2025 3:14:16 PM
Inst Id :P4
LB :LB137630

Sample Name: Q3439-05 Acquired: 10/23/2025 19:23:59 Type: Unk
Method: 6010-200.7 NEW(v307) 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	.1538460	.2932960	-.162544
Stddev	.0007710	.0034939	.000895
%RSD	.5011451	1.191250	.5506536
#1	.1529634	.2926144	-.163496
#2	.1543887	.2901931	-.161720
#3	.1541857	.2970804	-.162414

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	8148.804	112756.1	7186.641	6277.074	7021.814
Stddev	9.124	250.6	1.380	15.289	19.996
%RSD	.1119712	.2222649	.0192037	.2435672	.2847729
#1	8158.980	112948.3	7187.728	6289.401	7040.735
#2	8146.081	112847.3	7187.106	6281.854	7023.813
#3	8141.351	112472.6	7185.088	6259.966	7000.893

Sample Name: PB170214BL Acquired: 10/23/2025 19:27:59 Type: Unk
Method: 6010-200.7 NEW(v307) 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	**.0017004**	**.0031112**	**-.000334**	**.0021379**	**.0008284**	**.0015566**
Stddev	.0001766	.0012533	.000942	.0022876	.0000882	.0054895
%RSD	10.38487	40.28178	282.2977	107.0000	10.64071	352.6654
#1	.0018883	.0042340	.000516	.0006209	.0008405	-.004730
#2	.0016750	.0017592	-.001347	.0010237	.0009099	.003995
#3	.0015379	.0033405	-.000170	.0047691	.0007348	.005405

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0054011**	**.0000439**	**-.000057**	**-.005422**	**.0000906**	**-.000079**
Stddev	.0014450	.0000233	.000017	.015767	.0004273	.000122
%RSD	26.75382	52.96345	29.55278	290.7803	471.8700	154.8608
#1	.0070564	.0000221	-.000038	-.005653	-.000302	-.000002
#2	.0043919	.0000414	-.000068	-.021073	.000545	-.000015
#3	.0047550	.0000684	-.000066	.010459	.000028	-.000219

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000079**	**.0084630**	**-.000317**	**.0338196**	**-.000193**	**.0000916**
Stddev	.000075	.0075571	.000626	.0421362	.000292	.0000820
%RSD	94.36361	89.29635	197.4515	124.5908	151.4966	89.45649
#1	-.000054	.0171871	-.000066	.0409375	.000122	.0001026
#2	-.000163	.0042672	.000144	.0719436	-.000454	.0000047
#3	-.000020	.0039347	-.001030	-.011422	-.000245	.0001675

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1288174**	**-.001800**	**-.000207**	**.1386766**	**-.009938**	**-.000109**
Stddev	.0286977	.004211	.000214	.0850449	.001130	.000309
%RSD	22.27777	234.0084	103.2720	61.32610	11.37579	284.0240
#1	.0958014	-.001051	-.000037	.0424224	-.009227	-.000443
#2	.1477774	.001987	-.000447	.2036557	-.009344	-.000051
#3	.1428735	-.006335	-.000137	.1699516	-.011241	.000167

Sample Name: PB170214BL Acquired: 10/23/2025 19:27:59 Type: Unk
Method: 6010-200.7 NEW(v307) 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	-.003896	.0000442	.0144224	-.003081	F .0132383	.0026801
Stddev	.000690	.0008878	.0089246	.000673	.0011650	.0024195
%RSD	17.69763	2010.177	61.88057	21.84869	8.800389	90.27658
#1	-.003179	.0005136	.0247255	-.002856	.0127901	.0009505
#2	-.003956	-.000980	.0094530	-.002549	.0123640	.0054449
#3	-.004554	.000599	.0090886	-.003837	.0145609	.0016447

Elem	Sr4077
Units	ppm
Avg	-.000167
Stddev	.000177
%RSD	105.9119
#1	-.000338
#2	.000016
#3	-.000179

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6780.704	95338.02	5830.724	5313.415	8176.497
Stddev	15.561	857.15	6.692	67.535	21.905
%RSD	.2294908	.8990623	.1147748	1.271026	.2678977
#1	6798.600	94850.67	5827.865	5276.602	8201.169
#2	6770.359	96327.73	5838.371	5391.358	8159.336
#3	6773.153	94835.66	5825.936	5272.286	8168.986

Sample Name: PB170214BS Acquired: 10/23/2025 19:32:13 Type: Unk
Method: 6010-200.7 NEW(v307) 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	**.7960228**	**1.852539**	**.9753175**	**2.010472**	**.7972741**	**2.038892**
Stddev	.0004926	.042145	.0001517	.007987	.0032845	.007062
%RSD	.0618875	2.274978	.0155578	.3972622	.4119669	.3463671
#1	.7954620	1.855845	.9754380	2.014972	.7998806	2.038583
#2	.7963858	1.808839	.9751471	2.001250	.7935849	2.046104
#3	.7962206	1.892934	.9753673	2.015193	.7983568	2.031990

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2001881**	**.2031836**	**.1945532**	**1.020941**	**.3859497**	**.1969288**
Stddev	.0031417	.0029985	.0004330	.013570	.0017272	.0001371
%RSD	1.569384	1.475748	.2225524	1.329172	.4475119	.0696220
#1	.1983833	.2013649	.1949604	1.015918	.3867739	.1969733
#2	.2038158	.2066445	.1946009	1.010597	.3839648	.1970381
#3	.1983651	.2015416	.1940984	1.036306	.3871104	.1967750

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3133303**	**2.923634**	**.2075493**	**2.084294**	**.4960537**	**.0746517**
Stddev	.0005616	.057733	.0013231	.018444	.0005250	.0004255
%RSD	.1792243	1.974686	.6374720	.8848939	.1058395	.5699358
#1	.3139714	2.932763	.2066006	2.092594	.4965539	.0741849
#2	.3130940	2.861881	.2069867	2.097130	.4961004	.0750177
#3	.3129256	2.976258	.2090607	2.063159	.4955069	.0747526

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.953004**	**.2945722**	**.2134370**	**9.498760**	**.3246899**	**.3977133**
Stddev	.060648	.0026616	.0004779	.165334	.0069853	.0005689
%RSD	2.053785	.9035508	.2239061	1.740583	2.151380	.1430380
#1	2.961534	.2976037	.2129673	9.483893	.3211022	.3982987
#2	2.888542	.2934941	.2134212	9.341363	.3327400	.3971626
#3	3.008936	.2926188	.2139227	9.671026	.3202274	.3976785

Reviewed By:jaswal
On:10/28/2025 3:14:16 PM
Inst Id :P4
LB :LB137630

Sample Name: PB170214BS Acquired: 10/23/2025 19:32:13 Type: Unk
Method: 6010-200.7 NEW(v307) 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	.6965231	.1929823	.8553644	5.920998	F .0127504	.2036077
Stddev	.0008592	.0025715	.0040004	.005649	.0010938	.0031516
%RSD	.1233546	1.332491	.4676865	.0953983	8.578617	1.547860
#1	.6963919	.1940418	.8526459	5.915012	.0136851	.2008763
#2	.6974404	.1900504	.8534892	5.921746	.0115474	.2070560
#3	.6957371	.1948547	.8599579	5.926235	.0130186	.2028909

Elem	Sr4077
Units	ppm
Avg	.1938488
Stddev	.0006094
%RSD	.3143857
#1	.1931569
#2	.1943059
#3	.1940836

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6822.258	94551.52	5787.613	5301.183	7841.069
Stddev	14.490	622.94	58.516	45.483	18.595
%RSD	.2123944	.6588382	1.011049	.8579751	.2371533
#1	6808.932	94228.71	5815.176	5293.005	7826.304
#2	6820.158	95269.61	5720.407	5350.201	7834.950
#3	6837.683	94156.24	5827.258	5260.345	7861.952

Sample Name: PB170172TB Acquired: 10/23/2025 19:36:14 Type: Unk
Method: 6010-200.7 NEW(v307) 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	**-.001297**	**-.001336**	**.0011589**	**.0076313**	**.0033102**	**.0029241**	**.0015139**
Stddev	.001273	.000596	.0008553	.0008328	.0008682	.0131362	.0012536
%RSD	98.16325	44.62757	73.80042	10.91243	26.22796	449.2296	82.81082
#1	-.002764	-.001092	.0001786	.0081788	.0025151	.0174031	.0018195
#2	-.000483	-.000901	.0017524	.0080421	.0031790	-.008231	.0001357
#3	-.000644	-.002016	.0015459	.0066729	.0042365	-.000400	.0025864

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000021**	**-.000135**	**.0064054**	**.0010550**	**-.000101**	**.0002560**	**.0057130**
Stddev	.000011	.000051	.0052499	.0001694	.000121	.0003300	.0127060
%RSD	54.63922	37.35333	81.96110	16.05213	119.8840	128.9271	222.4039
#1	-.000020	-.000144	.0087837	.0012465	-.000098	.0004644	.0086871
#2	-.000010	-.000181	.0100452	.0009938	.000019	-.000125	.0166682
#3	-.000032	-.000081	.0003872	.0009248	-.000222	.000428	-.008216

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0009594**	**-.018871**	**.0002179**	**-.000090**	**280.4374**	**-.002170**	**.0014358**
Stddev	.0008978	.026212	.0002914	.000064	6.7996	.002176	.0002014
%RSD	93.58225	138.9023	133.7451	70.64660	2.424657	100.2660	14.02749
#1	.0007312	-.005705	.0005348	-.000091	278.1294	-.003456	.0013342
#2	.0001977	-.049056	.0001573	-.000026	275.0921	-.003396	.0016677
#3	.0019494	-.001851	-.000038	-.000154	288.0906	.000342	.0013054

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.094464**	**-.008418**	**.0002399**	**-.019408**	**.0008430**	**.0275062**	**.0012970**
Stddev	.034473	.000604	.0002624	.000175	.0020252	.0098523	.0003971
%RSD	36.49336	7.179814	109.3770	.9029692	240.2385	35.81844	30.61489
#1	-.104353	-.008629	.0004571	-.019331	-.000315	.0386349	.0017458
#2	-.122911	-.007737	-.000052	-.019609	.003181	.0198970	.0009911
#3	-.056127	-.008889	.000314	-.019285	-.000337	.0239866	.0011542

Reviewed By:jaswal
On:10/28/2025 3:14:16 PM
Inst Id :P4
LB :LB137630

Sample Name: PB170172TB Acquired: 10/23/2025 19:36:14 Type: Unk
Method: 6010-200.7 NEW(v307) 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	.0227724	-.011063	.0000124
Stddev	.0027216	.001580	.0000953
%RSD	11.95133	14.27749	765.6629
#1	.0232176	-.012800	.0001000
#2	.0198556	-.010675	-.000089
#3	.0252440	-.009713	.000026

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6506.424	89848.26	5759.706	5060.222	7102.841
Stddev	21.281	64.69	17.873	27.243	18.334
%RSD	.3270842	.0719954	.3103169	.5383826	.2581173
#1	6503.700	89856.75	5757.467	5028.765	7097.852
#2	6528.936	89908.28	5778.593	5075.891	7123.153
#3	6486.636	89779.75	5743.057	5076.012	7087.518

Sample Name: PB170223BL Acquired: 10/23/2025 19:40:36 Type: Unk
Method: 6010-200.7 NEW(v307) 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	**.0000376**	**.0039455**	**.0010096**	**.0008519**	**-.001794**	**-.013657**	**.0008450**
Stddev	.0013521	.0014493	.0011832	.0006643	.000962	.016696	.0033684
%RSD	3593.865	36.73328	117.1954	77.98535	53.63515	122.2555	398.6314
#1	-.000993	.0055593	.0015718	.0001659	-.000706	.004783	.0040022
#2	-.000462	.0027546	-.000350	.0008975	-.002533	-.027749	-.002701
#3	.001568	.0035228	.001807	.0014922	-.002144	-.018004	.001234

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0000515**	**-.000065**	**-.004504**	**.0001737**	**.0001367**	**.0000401**	**-.001482**
Stddev	.0000990	.000029	.002651	.0003255	.0002083	.0002518	.009474
%RSD	192.2954	44.18241	58.85294	187.3929	152.3808	628.6633	639.3245
#1	.0000962	-.000071	-.007562	.0002420	.0000530	.0003236	.004469
#2	.0001201	-.000034	-.002865	-.000181	.0003739	-.000046	-.012407
#3	-.000062	-.000091	-.003084	.000460	-.000017	-.000157	.003493

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000213**	**-.041454**	**-.000407**	**.0000281**	**.2776918**	**-.003507**	**-.000225**
Stddev	.000436	.018689	.000092	.0005292	.0177941	.001165	.000209
%RSD	204.0797	45.08313	22.71174	1885.762	6.407851	33.22098	92.75546
#1	-.000266	-.025546	-.000325	.0003674	.2576404	-.002725	-.000448
#2	.000246	-.062036	-.000507	.0002985	.2838337	-.004846	-.000194
#3	-.000621	-.036780	-.000388	-.000582	.2916014	-.002951	-.000034

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2916715**	**-.009702**	**-.000148**	**-.004826**	**.0002194**	**.0135808**	**-.003739**
Stddev	.0338725	.000228	.000153	.000228	.0045090	.0117859	.000374
%RSD	11.61325	2.353931	103.6261	4.724249	2055.391	86.78340	9.997229
#1	.2545476	-.009719	-.000178	-.004567	.0013761	.0132548	-.004002
#2	.3208969	-.009465	-.000284	-.004914	-.004755	.0019613	-.003311
#3	.2995699	-.009921	.000018	-.004997	.004037	.0255264	-.003904

Sample Name: PB170223BL Acquired: 10/23/2025 19:40:36 Type: Unk
Method: 6010-200.7 NEW(v307) 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	.0082198	.0048337	-.000210
Stddev	.0029277	.0024975	.000113
%RSD	35.61758	51.66773	53.71841
#1	.0077702	.0049448	-.000140
#2	.0113462	.0072737	-.000151
#3	.0055429	.0022825	-.000341

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6949.233	97096.07	5791.937	5338.583	8320.099
Stddev	18.646	246.23	36.466	4.711	24.863
%RSD	.2683140	.2535990	.6295919	.0882374	.2988270
#1	6927.703	97134.31	5833.479	5336.019	8291.392
#2	6959.890	97320.95	5777.118	5335.711	8334.777
#3	6960.107	96832.96	5765.214	5344.020	8334.126

Reviewed By:jaswal
On:10/28/2025 3:14:16 PM
Inst Id :P4
LB :LB137630

Sample Name: PB170223BS Acquired: 10/23/2025 19:44:51 Type: Unk
Method: 6010-200.7 NEW(v307) 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	**.7622415**	**1.789556**	**.9367798**	**1.946885**	**.7377542**	**1.839793**
Stddev	.0032869	.050507	.0018155	.001457	.0004355	.006032
%RSD	.4312133	2.822341	.1938033	.0748414	.0590342	.3278434
#1	.7642607	1.776484	.9351655	1.947852	.7380952	1.838039
#2	.7640149	1.746870	.9387452	1.945209	.7372636	1.834832
#3	.7584487	1.845314	.9364286	1.947594	.7379038	1.846507

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1828421**	**.1917574**	**.1871818**	**.9522758**	**.3718419**	**.1883838**
Stddev	.0016978	.0007427	.0001336	.0210214	.0003789	.0001738
%RSD	.9285747	.3873002	.0713637	2.207493	.1019096	.0922437
#1	.1844332	.1910288	.1870391	.9707437	.3718957	.1882964
#2	.1830384	.1917299	.1873038	.9293999	.3721911	.1885839
#3	.1810547	.1925134	.1872025	.9566838	.3714389	.1882711

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2997875**	**2.656750**	**.1860517**	**1.954740**	**.4733983**	**.0700424**
Stddev	.0006953	.020896	.0002858	.022761	.0001565	.0004908
%RSD	.2319279	.7865406	.1536045	1.164398	.0330640	.7007693
#1	.2990447	2.680797	.1857472	1.931961	.4732776	.0704532
#2	.3004228	2.643008	.1860937	1.954775	.4735752	.0701751
#3	.2998951	2.646444	.1863142	1.977483	.4733421	.0694988

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.562442**	**.2803235**	**.1977410**	**8.829665**	**.2981249**	**.3699702**
Stddev	.016612	.0045070	.0009466	.051229	.0014253	.0006751
%RSD	.6482785	1.607795	.4786930	.5801937	.4780939	.1824790
#1	2.545352	.2808055	.1979196	8.853531	.2965445	.3693803
#2	2.563443	.2755948	.1985856	8.864607	.2985172	.3698236
#3	2.578530	.2845701	.1967179	8.770857	.2993130	.3707065

Reviewed By:jaswal
On:10/28/2025 3:14:16 PM
Inst Id :P4
LB :LB137630

Sample Name: PB170223BS Acquired: 10/23/2025 19:44:51 Type: Unk
Method: 6010-200.7 NEW(v307) 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	.6305912	.1703703	.7687091	5.615662	F .0052373	.1751091
Stddev	.0006522	.0020744	.0157505	.011476	.0009691	.0015782
%RSD	.1034319	1.217614	2.048961	.2043628	18.50303	.9012719
#1	.6308301	.1703452	.7770900	5.619926	.0045234	.1743392
#2	.6298532	.1683085	.7505401	5.602664	.0048480	.1740636
#3	.6310903	.1724572	.7784971	5.624397	.0063405	.1769245

Elem	Sr4077
Units	ppm
Avg	.1760885
Stddev	.0008158
%RSD	.4633101
#1	.1768896
#2	.1752587
#3	.1761172

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	7125.995	98591.76	6091.623	5427.310	8224.501
Stddev	14.925	236.63	22.916	31.393	22.287
%RSD	.2094423	.2400118	.3761807	.5784314	.2709832
#1	7137.070	98481.68	6117.852	5402.145	8238.409
#2	7109.023	98430.22	6081.531	5417.298	8198.795
#3	7131.893	98863.38	6075.486	5462.489	8236.298

Reviewed By:jaswal
On:10/28/2025 3:14:16 PM
Inst Id :P4
LB :LB137630

Sample Name: CCV08 Acquired: 10/23/2025 19:48:53 Type: Unk
Method: 6010-200.7 NEW(v307) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCV07 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**5.195668**	**4.633870**	**5.316569**	**5.189320**	**5.042572**	**10.26411**
Stddev	.011546	.232310	.007382	.024531	.005944	.05312
%RSD	.2222268	5.013308	.1388399	.4727204	.1178793	.5175669
#1	5.183636	4.401188	5.309396	5.163968	5.036271	10.20769
#2	5.196709	4.865807	5.316170	5.212938	5.043368	10.27147
#3	5.206658	4.634615	5.324142	5.191054	5.048079	10.31317

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**9.919973**	**.2539991**	**2.667870**	**25.57991**	**.9987099**	**2.602059**
Stddev	.055402	.0008710	.001960	.03227	.0042260	.001997
%RSD	.5584863	.3429205	.0734622	.1261582	.4231489	.0767305
#1	9.856164	.2549034	2.665624	25.54374	.9944536	2.600445
#2	9.955844	.2539281	2.668753	25.60575	1.002905	2.601440
#3	9.947909	.2531657	2.669233	25.59025	.998771	2.604292

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.301855**	**4.774023**	**2.522685**	**26.12414**	**2.622653**	**1.296063**
Stddev	.001871	.011356	.008948	.08791	.001659	.003849
%RSD	.1437557	.2378786	.3547111	.3364923	.0632374	.2969594
#1	1.300567	4.762173	2.512721	26.02436	2.621039	1.294106
#2	1.300997	4.784811	2.530036	26.15790	2.622566	1.300497
#3	1.304002	4.775085	2.525298	26.19016	2.624353	1.293586

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**23.07287**	**2.555883**	**2.605692**	**23.96265**	F **5.598450**	**5.130989**
Stddev	.22152	.007531	.005788	.20416	.018438	.008310
%RSD	.9600794	.2946615	.2221279	.8519990	.3293360	.1619540
#1	22.81711	2.547585	2.603320	23.72972	5.615395	5.121478
#2	23.20437	2.557778	2.612289	24.04768	5.601139	5.136845
#3	23.19712	2.562285	2.601467	24.11056	5.578815	5.134644

Reviewed By:jaswal
On:10/28/2025 3:14:16 PM
Inst Id :P4
LB :LB137630

Sample Name: CCV08 Acquired: 10/23/2025 19:48:53 Type: Unk
Method: 6010-200.7 NEW(v307) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCV07 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**5.279564**	**5.014916**	**4.857008**	**5.374495**	**5.100995**	**4.826186**
Stddev	.021039	.026751	.035087	.035733	.036684	.028105
%RSD	.3984907	.5334195	.7223935	.6648541	.7191627	.5823478
#1	5.255305	4.985573	4.817472	5.358470	5.067111	4.794736
#2	5.290577	5.037945	4.884440	5.415434	5.139952	4.834979
#3	5.292810	5.021230	4.869112	5.349579	5.095923	4.848845

Elem	Sr4077
Units	ppm
Avg	**4.928828**
Stddev	.040967
%RSD	.8311637
#1	4.888604
#2	4.970499
#3	4.927383

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6734.189**	**93356.73**	**5749.027**	**5158.255**	**7240.673**
Stddev	8.362	502.97	14.436	34.363	10.850
%RSD	.1241668	.5387563	.2511010	.6661766	.1498464
#1	6724.550	93888.77	5763.079	5195.648	7228.157
#2	6739.493	92889.04	5734.235	5128.063	7247.409
#3	6738.523	93292.38	5749.766	5151.055	7246.452

Reviewed By:jaswal
On:10/28/2025 3:14:16 PM
Inst Id :P4
LB :LB137630

Sample Name: CCB08 Acquired: 10/23/2025 19:52:55 Type: Unk
Method: 6010-200.7 NEW(v307) 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	**.0003792**	**.0029171**	**-.000251**	**.0018072**	**-.000181**	**-.009562**	**.0005060**
Stddev	.0037210	.0003724	.001198	.0021464	.002198	.007000	.0024762
%RSD	981.2251	12.76674	476.8618	118.7691	1214.417	73.20611	489.4061
#1	.0040045	.0033452	.000219	.0004840	-.002110	-.013608	.0012658
#2	.0005637	.0027384	-.001613	.0042836	.002212	-.013600	.0025132
#3	-.003431	.0026677	.000641	.0006538	-.000645	-.001479	-.002261

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0000231**	**-.000046**	**-.009538**	**-.000062**	**.0000356**	**-.000361**	**.0012483**
Stddev	.0000328	.000075	.016685	.000448	.0001145	.000358	.0083719
%RSD	142.0970	163.0047	174.9317	716.8120	321.7506	99.21844	670.6867
#1	.0000530	.000015	-.018559	-.000410	.0001671	.000009	.0106428
#2	-.000012	-.000129	.009716	.000443	-.000042	-.000706	-.005423
#3	.000028	-.000023	-.019771	-.000220	-.000018	-.000386	-.001475

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0005117**	**-.005406**	**-.000216**	**.0002476**	**.0713871**	**-.002070**	**-.000107**
Stddev	.0002517	.035613	.000275	.0002645	.0205970	.006704	.000281
%RSD	49.18668	658.7831	127.6421	106.8182	28.85260	323.9389	262.7840
#1	.0004346	.035133	-.000533	-.000057	.0498050	-.003601	.000128
#2	.0007929	-.031652	-.000076	.000382	.0735237	-.007876	-.000031
#3	.0003075	-.019698	-.000038	.000418	.0908325	.005268	-.000418

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1254789**	**-.000159**	**.0004173**	**-.005303**	**-.000717**	**.0220370**	**-.003697**
Stddev	.0619610	.001165	.0001875	.000176	.002879	.0159265	.000659
%RSD	49.37965	731.2348	44.91506	3.318581	401.5761	72.27178	17.81584
#1	.0692560	.001024	.0005385	-.005154	.002528	.0336953	-.003288
#2	.1919102	-.001304	.0002014	-.005497	-.002965	.0285252	-.003347
#3	.1152705	-.000198	.0005121	-.005258	-.001714	.0038905	-.004457

Reviewed By:jaswal
On:10/28/2025 3:14:16 PM
Inst Id :P4
LB :LB137630

Sample Name: CCB08 Acquired: 10/23/2025 19:52:55 Type: Unk
Method: 6010-200.7 NEW(v307) 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	.0052586	-.000477	.0001549
Stddev	.0021686	.001290	.0000857
%RSD	41.23955	270.6916	55.31558
#1	.0056059	-.001561	.0001531
#2	.0072327	.000950	.0000701
#3	.0029373	-.000818	.0002414

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6988.796	95784.44	5954.052	5321.744	8411.648
Stddev	12.940	49.96	14.329	28.109	20.491
%RSD	.1851580	.0521592	.2406631	.5281887	.2436058
#1	7003.735	95737.02	5937.698	5348.500	8435.219
#2	6981.074	95836.61	5960.056	5292.454	8401.652
#3	6981.578	95779.69	5964.403	5324.278	8398.072

Sample Name: PB170202TB Acquired: 10/23/2025 19:57:10 Type: Unk
Method: 6010-200.7 NEW(v307) 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	**-.000391**	**.0009341**	**.0016156**	**.0018799**	**.0031731**	**.0002764**	**.0018465**
Stddev	.001576	.0010782	.0002395	.0010627	.0010414	.0132611	.0017024
%RSD	403.3152	115.4297	14.82623	56.53264	32.82107	4797.428	92.19777
#1	.000938	-.000068	.0015024	.0017078	.0020105	.0012250	.0020380
#2	-.002132	.002075	.0014536	.0030181	.0034880	.0130378	.0000564
#3	.000022	.000795	.0018907	.0009137	.0040206	-.013434	.0034451

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000080**	**-.000103**	**.0290152**	**.0243626**	**-.000148**	**.0001084**	**.1175883**
Stddev	.000048	.000081	.0281380	.0003294	.000219	.0001442	.0055298
%RSD	59.69049	78.18436	96.97666	1.352114	148.4972	133.0509	4.702710
#1	-.000034	-.000030	.0485044	.0243829	.000101	-.000028	.1238085
#2	-.000077	-.000090	.0417845	.0240234	-.000314	.000093	.1157277
#3	-.000129	-.000190	-.003243	.0246813	-.000230	.000259	.1132288

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0021089**	**-.001510**	**.0014283**	**.0002002**	**354.5366**	**-.001104**	**.0015941**
Stddev	.0005292	.036244	.0003164	.0005139	5.6757	.002283	.0001652
%RSD	25.09458	2400.401	22.15491	256.7775	1.600889	206.8092	10.36013
#1	.0015358	.025683	.0017763	.0002202	359.5111	.001320	.0015159
#2	.0022117	.012445	.0013506	.0007038	355.7445	-.001418	.0014826
#3	.0025792	-.042657	.0011579	-.000324	348.3541	-.003213	.0017838

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.083747**	**-.005626**	**.0005597**	**-.019388**	**-.001470**	**.0165355**	**.0065005**
Stddev	.022938	.000220	.0002460	.000463	.001057	.0119968	.0008706
%RSD	27.38914	3.902917	43.94119	2.386849	71.86435	72.55197	13.39275
#1	-.063428	-.005381	.0004831	-.019163	-.002628	.0099858	.0074168
#2	-.079193	-.005805	.0003612	-.019081	-.001225	.0303815	.0056842
#3	-.108620	-.005691	.0008349	-.019921	-.000558	.0092391	.0064005

Reviewed By:jaswal
On:10/28/2025 3:14:16 PM
Inst Id :P4
LB :LB137630

Sample Name: PB170202TB Acquired: 10/23/2025 19:57:10 Type: Unk
Method: 6010-200.7 NEW(v307) 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	.0253142	-.009623	-.000091
Stddev	.0031741	.001922	.000093
%RSD	12.53883	19.97453	102.8293
#1	.0270892	-.010939	.000014
#2	.0272037	-.007417	-.000121
#3	.0216496	-.010512	-.000164

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6541.526	89243.73	5692.909	5107.940	7068.015
Stddev	27.417	334.49	35.203	20.978	27.992
%RSD	.4191272	.3748101	.6183570	.4106947	.3960443
#1	6571.716	89083.37	5676.962	5086.338	7099.980
#2	6534.684	89019.61	5668.502	5109.250	7056.184
#3	6518.177	89628.21	5733.263	5128.233	7047.880

Sample Name: Q3414-01 Acquired: 10/23/2025 20:01:32 Type: Unk
Method: 6010-200.7 NEW(v307) 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	**.0092388**	**.0001798**	**.1572758**	**.0036991**	**.0026243**	**.0811422**	**.0469078**
Stddev	.0017371	.0025180	.0010677	.0021427	.0016329	.0101251	.0007389
%RSD	18.80262	1400.098	.6788917	57.92412	62.22303	12.47818	1.575241
#1	.0100035	-.002335	.1562231	.0043224	.0042659	.0828413	.0477487
#2	.0104624	.000174	.1583579	.0054610	.0010003	.0702751	.0466123
#3	.0072505	.002701	.1572464	.0013139	.0026066	.0903102	.0463624

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0004822**	**.0007816**	**1.248835**	**.0011377**	**.0027323**	**.2126959**	**12.43107**
Stddev	.0001183	.0000833	.019764	.0003099	.0000848	.0004380	.11663
%RSD	24.53650	10.65775	1.582575	27.23830	3.101914	.2059246	.9382090
#1	.0004827	.0008558	1.234835	.0012344	.0027515	.2130998	12.29854
#2	.0006002	.0006915	1.271443	.0013877	.0028057	.2122303	12.47657
#3	.0003636	.0007975	1.240227	.0007910	.0026395	.2127578	12.51808

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1135565**	**.0720175**	**.0263258**	**.0000245**	**224.2156**	**-.000604**	**.2527273**
Stddev	.0006384	.0025521	.0002990	.0007091	2.5060	.005689	.0007266
%RSD	.5621951	3.543663	1.135640	2895.321	1.117687	942.2129	.2875092
#1	.1128364	.0747434	.0259929	-.000260	221.3354	-.006031	.2534392
#2	.1137798	.0696849	.0265713	.000832	225.8978	-.001096	.2519868
#3	.1140532	.0716244	.0264133	-.000498	225.4136	.005315	.2527558

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2309275**	**.0049310**	**.0008633**	**-.019728**	**.0014483**	**.3387774**	**.0123733**
Stddev	.0286469	.0007804	.0001192	.000497	.0010978	.0206095	.0013455
%RSD	12.40514	15.82628	13.81017	2.519665	75.80021	6.083490	10.87409
#1	.2423157	.0042701	.0009310	-.019158	.0009696	.3361058	.0108766
#2	.2521291	.0047310	.0007256	-.019954	.0006711	.3605924	.0134825
#3	.1983378	.0057920	.0009333	-.020072	.0027042	.3196340	.0127608

Reviewed By:jaswal
On:10/28/2025 3:14:16 PM
Inst Id :P4
LB :LB137630

Sample Name: Q3414-01 Acquired: 10/23/2025 20:01:32 Type: Unk
Method: 6010-200.7 NEW(v307) 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	1.752891	-.010844	-.007985
Stddev	.005734	.001638	.000150
%RSD	.3271026	15.10465	1.873753
#1	1.758136	-.012475	-.007861
#2	1.746769	-.009199	-.008151
#3	1.753768	-.010858	-.007943

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6816.673	94586.79	5959.712	5305.046	7460.020
Stddev	19.605	222.26	21.979	15.230	23.938
%RSD	.2876014	.2349765	.3687893	.2870838	.3208799
#1	6798.739	94824.38	5940.825	5321.955	7446.355
#2	6813.677	94383.97	5983.836	5292.405	7446.046
#3	6837.604	94552.01	5954.476	5300.779	7487.661

Sample Name: Q3414-02 Acquired: 10/23/2025 20:05:43 Type: Unk
Method: 6010-200.7 NEW(v307) 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	**.0107457**	**-.001450**	**.2302038**	**.0015458**	**.0014073**	**.0772654**	**.0561135**
Stddev	.0013035	.002975	.0016096	.0044680	.0011609	.0114721	.0022305
%RSD	12.13053	205.1866	.6992004	289.0445	82.49243	14.84759	3.974899
#1	.0104667	.000107	.2320287	-.000759	.0010587	.0727488	.0539789
#2	.0096042	.000424	.2295963	.006695	.0027026	.0687392	.0584288
#3	.0121661	-.004880	.2289864	-.001300	.0004607	.0903084	.0559328

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0005808**	**.0008570**	**1.654617**	**.0021739**	**.0033534**	**.2321040**	**15.63618**
Stddev	.0000320	.0000541	.035010	.0000810	.0001769	.0001388	.14287
%RSD	5.514731	6.311407	2.115914	3.724022	5.275410	.0597870	.9137344
#1	.0005756	.0009070	1.683850	.0022113	.0031643	.2321469	15.76683
#2	.0005518	.0008644	1.664184	.0020810	.0033811	.2319489	15.48362
#3	.0006152	.0007996	1.615818	.0022294	.0035148	.2322163	15.65810

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1423324**	**.1248316**	**.0343661**	**-.000063**	**272.9713**	**-.000392**	**.3109721**
Stddev	.0016337	.0180453	.0004000	.000396	.3512	.001329	.0012435
%RSD	1.147811	14.45572	1.163849	628.1035	.1286658	338.6825	.3998732
#1	.1437317	.1197947	.0339374	-.000383	273.3083	-.001762	.3124075
#2	.1427283	.1098399	.0347292	-.000186	272.9984	.000892	.3102858
#3	.1405371	.1448602	.0344319	.000379	272.6074	-.000308	.3102230

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5855466**	**.0088623**	**.0009693**	**-.019595**	**.0018827**	**.4036692**	**.0110202**
Stddev	.0797745	.0005069	.0000618	.000783	.0007381	.0159226	.0012116
%RSD	13.62393	5.720264	6.377802	3.998123	39.20476	3.944469	10.99390
#1	.5395737	.0092778	.0010154	-.020106	.0013943	.3873240	.0108488
#2	.5394039	.0082974	.0008990	-.018693	.0015219	.4191325	.0123083
#3	.6776621	.0090116	.0009934	-.019987	.0027318	.4045512	.0099035

Reviewed By:jaswal
On:10/28/2025 3:14:16 PM
Inst Id :P4
LB :LB137630

Sample Name: Q3414-02 Acquired: 10/23/2025 20:05:43 Type: Unk
Method: 6010-200.7 NEW(v307) 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	**2.235531**	**-.006770**	**-.010119**
Stddev	.009386	.001457	.000148
%RSD	.4198365	21.51921	1.458182
#1	2.233698	-.007415	-.010288
#2	2.245698	-.007793	-.010017
#3	2.227197	-.005102	-.010052

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6939.782**	**95305.67**	**6184.233**	**5312.848**	**7542.878**
Stddev	4.400	258.67	56.260	30.633	3.069
%RSD	.0633970	.2714152	.9097410	.5765821	.0406936
#1	6937.630	95030.89	6212.221	5282.102	7540.471
#2	6944.843	95544.48	6119.467	5343.367	7546.334
#3	6936.872	95341.64	6221.010	5313.075	7541.829

Sample Name: Q3414-03 Acquired: 10/23/2025 20:10:01 Type: Unk
Method: 6010-200.7 NEW(v307) 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	.0109671	-.001227	.2550666	.0017344	.0023237	.0799261	.0718329
Stddev	.0007502	.000808	.0007723	.0018189	.0011779	.0067826	.0001633
%RSD	6.840149	65.79689	.3028000	104.8772	50.69105	8.486046	.2273432
#1	.0104093	-.000586	.2555403	.0007972	.0018232	.0748649	.0719189
#2	.0106720	-.000961	.2541754	.0038308	.0014786	.0876327	.0716445
#3	.0118199	-.002135	.2554841	.0005751	.0036691	.0772806	.0719352

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007215	.0004927	1.382052	.0017662	.0041506	.0592509	18.00034
Stddev	.0000996	.0000211	.012838	.0003400	.0001374	.0003954	.22717
%RSD	13.80239	4.273192	.9289254	19.25156	3.309493	.6673067	1.262032
#1	.0006367	.0004941	1.396726	.0018668	.0039989	.0590702	17.88870
#2	.0008311	.0004710	1.376538	.0020445	.0041866	.0597044	17.85058
#3	.0006966	.0005130	1.372892	.0013872	.0042664	.0589782	18.26173

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1300069	.1168183	.0280247	-.000155	230.4910	-.002739	.4612429
Stddev	.0003264	.0299800	.0001861	.000204	.6076	.006124	.0017323
%RSD	.2510678	25.66376	.6639471	131.7666	.2636051	223.5929	.3755655
#1	.1297939	.0894273	.0278467	.000026	231.1195	.004330	.4595803
#2	.1298441	.1488468	.0280096	-.000114	230.4466	-.006430	.4630373
#3	.1303827	.1121808	.0282179	-.000376	229.9068	-.006115	.4611111

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3846572	.0044315	.0014221	-.018302	.0005428	.4176142	.0093459
Stddev	.0466975	.0012295	.0000759	.000442	.0022421	.0184200	.0016809
%RSD	12.14002	27.74535	5.334719	2.417161	413.0328	4.410774	17.98566
#1	.3430240	.0037590	.0014600	-.018061	.0023857	.4128131	.0108835
#2	.4351497	.0036850	.0013347	-.018032	.0011962	.4020702	.0075513
#3	.3757977	.0058506	.0014716	-.018812	-.001953	.4379594	.0096029

Reviewed By:jaswal
On:10/28/2025 3:14:16 PM
Inst Id :P4
LB :LB137630

Sample Name: Q3414-03 Acquired: 10/23/2025 20:10:01 Type: Unk
Method: 6010-200.7 NEW(v307) 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	1.680378	-.007016	-.012776
Stddev	.010368	.001536	.000342
%RSD	.6169862	21.88669	2.676097
#1	1.689643	-.008029	-.012815
#2	1.669180	-.005249	-.012417
#3	1.682312	-.007770	-.013097

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6817.278	95071.15	6017.261	5281.075	7439.503
Stddev	6.798	621.62	39.591	45.133	6.088
%RSD	.0997199	.6538453	.6579588	.8546227	.0818322
#1	6817.922	94808.36	5991.729	5306.408	7440.921
#2	6823.731	95781.00	5997.186	5307.850	7444.757
#3	6810.181	94624.08	6062.868	5228.966	7432.831

Sample Name: Q3414-04 Acquired: 10/23/2025 20:14:14 Type: Unk
Method: 6010-200.7 NEW(v307) 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	**.0067276**	**-.000703**	**.1225815**	**.0018604**	**.0017563**	**.0486928**	**.0463675**
Stddev	.0001526	.002179	.0012687	.0011901	.0016280	.0094102	.0013913
%RSD	2.268864	309.7671	1.034974	63.97079	92.69577	19.32574	3.000661
#1	.0066833	.000485	.1214208	.0005462	.0008335	.0595157	.0447707
#2	.0066021	.000623	.1239359	.0028653	.0007994	.0424435	.0470127
#3	.0068975	-.003218	.1223879	.0021698	.0036360	.0441192	.0473192

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0002783**	**.0005393**	**.6403235**	**.0008633**	**.0015914**	**.2834323**	**7.889223**
Stddev	.0000187	.0000683	.0116396	.0001830	.0001466	.0002091	.067306
%RSD	6.736346	12.67028	1.817766	21.20170	9.211362	.0737879	.8531334
#1	.0002758	.0004745	.6502346	.0010612	.0014830	.2835667	7.937765
#2	.0002609	.0006107	.6432298	.0007001	.0017582	.2831913	7.917514
#3	.0002982	.0005326	.6275062	.0008287	.0015331	.2835388	7.812390

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0611005**	**.0677198**	**.0185476**	**-.000182**	**210.5444**	**.0005024**	**.2018424**
Stddev	.0004394	.0294302	.0001401	.000496	1.9432	.0032740	.0004999
%RSD	.7191001	43.45882	.7555664	272.4631	.9229530	651.6194	.2476521
#1	.0615747	.0934438	.0184655	.000371	210.8120	-.003096	.2023033
#2	.0607072	.0740891	.0187095	-.000327	212.3400	.003306	.2019128
#3	.0610195	.0356264	.0184680	-.000590	208.4813	.001297	.2013110

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1485811**	**.0040128**	**.0009058**	**-.019424**	**-.001059**	**.2455307**	**.0078937**
Stddev	.0445001	.0009695	.0002305	.001137	.000978	.0171119	.0017037
%RSD	29.95005	24.15936	25.44819	5.852146	92.30389	6.969362	21.58345
#1	.1926705	.0050229	.0011224	-.020717	.000067	.2645039	.0061723
#2	.1036813	.0039257	.0006636	-.018582	-.001550	.2312657	.0095792
#3	.1493915	.0030898	.0009313	-.018974	-.001694	.2408226	.0079296

Reviewed By:jaswal
On:10/28/2025 3:14:16 PM
Inst Id :P4
LB :LB137630

Sample Name: Q3414-04 Acquired: 10/23/2025 20:14:14 Type: Unk
Method: 6010-200.7 NEW(v307) 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	.8944824	-.009375	-.005230
Stddev	.0112194	.003792	.000085
%RSD	1.254285	40.44774	1.626695
#1	.8988914	-.006736	-.005212
#2	.9028276	-.013721	-.005323
#3	.8817283	-.007669	-.005155

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6764.084	93648.65	5865.236	5229.612	7411.205
Stddev	9.503	171.87	26.808	5.231	18.554
%RSD	.1404902	.1835312	.4570726	.1000247	.2503506
#1	6768.921	93564.54	5875.400	5232.733	7407.341
#2	6753.135	93535.04	5885.476	5223.573	7394.888
#3	6770.195	93846.38	5834.832	5232.530	7431.387

Sample Name: Q3414-05 Acquired: 10/23/2025 20:18:25 Type: Unk
Method: 6010-200.7 NEW(v307) 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	**.0060279**	**.0013650**	**.1085575**	**.0033163**	**.0017002**	**.0463981**	**.0750936**
Stddev	.0003238	.0024459	.0010998	.0041804	.0003869	.0063533	.0003904
%RSD	5.371750	179.1829	1.013125	126.0541	22.75568	13.69312	.5198393
#1	.0056825	-.000411	.1089711	.0035410	.0020851	.0443441	.0747445
#2	.0060765	.004155	.1093905	.0073798	.0013113	.0413260	.0755151
#3	.0063246	.000352	.1073108	-.000972	.0017043	.0535244	.0750212

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0004821**	**.0005711**	**.6281278**	**.0000345**	**.0028026**	**.0603529**	**13.30656**
Stddev	.0000191	.0000181	.0108597	.0002044	.0001241	.0005934	.07018
%RSD	3.966735	3.165712	1.728898	592.1423	4.427094	.9831779	.5274150
#1	.0004931	.0005895	.6164391	.0000425	.0029164	.0596818	13.22705
#2	.0004932	.0005534	.6300400	-.000174	.0026703	.0605689	13.33274
#3	.0004600	.0005703	.6379044	.000235	.0028212	.0608081	13.35989

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0746341**	**.0810948**	**.0237465**	**-.000329**	**217.8943**	**-.002652**	**.2110240**
Stddev	.0002481	.0218315	.0004171	.000342	.4736	.005689	.0001217
%RSD	.3323718	26.92096	1.756640	103.7783	.2173685	214.5065	.0576630
#1	.0743492	.0933746	.0233167	-.000037	217.3676	-.006932	.2111645
#2	.0748017	.0940211	.0241497	-.000246	218.2850	.003804	.2109502
#3	.0747515	.0558887	.0237731	-.000705	218.0304	-.004828	.2109574

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.018887**	**.0013213**	**.0014236**	**-.020330**	**.0004914**	**.4422753**	**.0064251**
Stddev	.010470	.0009493	.0006231	.000478	.0010171	.0188354	.0000129
%RSD	55.43308	71.84497	43.77112	2.350144	206.9846	4.258740	.2013081
#1	-.010006	.0002796	.0009758	-.020014	-.000630	.4217640	.0064138
#2	-.030431	.0021377	.0011598	-.020095	.000749	.4587947	.0064392
#3	-.016224	.0015466	.0021353	-.020879	.001355	.4462673	.0064222

Reviewed By:jaswal
On:10/28/2025 3:14:16 PM
Inst Id :P4
LB :LB137630

Sample Name: Q3414-05 Acquired: 10/23/2025 20:18:25 Type: Unk
Method: 6010-200.7 NEW(v307) 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	.6614524	-.006064	-.009905
Stddev	.0053003	.001614	.000055
%RSD	.8013149	26.62008	.5564946
#1	.6660054	-.006716	-.009843
#2	.6627178	-.004226	-.009924
#3	.6556338	-.007250	-.009948

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	7022.968	96875.23	6010.044	5471.336	7650.979
Stddev	20.259	97.20	7.150	4.371	29.005
%RSD	.2884654	.1003367	.1189685	.0798935	.3791079
#1	7019.285	96809.56	6006.433	5476.364	7647.791
#2	7004.804	96986.89	6005.420	5468.441	7623.699
#3	7044.816	96829.25	6018.280	5469.202	7681.446

Sample Name: Q3414-06 Acquired: 10/23/2025 20:22:36 Type: Unk
Method: 6010-200.7 NEW(v307) 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	**.0060329**	**.0008327**	**.1099951**	**.0056346**	**.0031984**	**.0598608**	**.0582127**
Stddev	.0014061	.0005115	.0001523	.0044788	.0013067	.0188569	.0032760
%RSD	23.30633	61.42195	.1384730	79.48667	40.85603	31.50131	5.627692
#1	.0054264	.0014219	.1098978	.0095854	.0021604	.0445326	.0611804
#2	.0076404	.0005020	.1101707	.0007690	.0046658	.0541321	.0546973
#3	.0050319	.0005744	.1099169	.0065495	.0027689	.0809178	.0587603

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0004321**	**.0007236**	**.4553849**	**.0009595**	**.0024466**	**.3744687**	**10.20124**
Stddev	.0000987	.0000751	.0138881	.0001472	.0001195	.0011366	.11570
%RSD	22.84771	10.38100	3.049753	15.33701	4.885024	.3035134	1.134129
#1	.0003590	.0007366	.4672083	.0008148	.0023098	.3748728	10.15230
#2	.0005444	.0006428	.4588559	.0009547	.0025310	.3731854	10.33336
#3	.0003928	.0007913	.4400905	.0011090	.0024990	.3753481	10.11805

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0510327**	**.0773070**	**.0225067**	**-.000141**	**194.8584**	**-.002058**	**.1685558**
Stddev	.0007963	.0178403	.0003939	.000487	1.8249	.003896	.0007845
%RSD	1.560331	23.07719	1.750029	345.1726	.9365209	189.2717	.4654138
#1	.0507004	.0648320	.0229609	-.000506	194.3601	-.006502	.1692850
#2	.0519413	.0693473	.0222586	.000412	196.8807	-.000444	.1686567
#3	.0504563	.0977415	.0223007	-.000330	193.3344	.000771	.1677258

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0183857**	**.0021428**	**.0007635**	**-.019880**	**.0012193**	**.3257965**	**.0093559**
Stddev	.0138234	.0005679	.0001720	.000185	.0029955	.0110809	.0021502
%RSD	75.18581	26.50116	22.52807	.9285776	245.6742	3.401157	22.98210
#1	.0288847	.0024245	.0008598	-.019948	.0002293	.3383355	.0069239
#2	.0235484	.0025147	.0005650	-.019671	.0045845	.3173213	.0110048
#3	.0027239	.0014891	.0008659	-.020021	-.001156	.3217326	.0101389

Reviewed By:jaswal
On:10/28/2025 3:14:16 PM
Inst Id :P4
LB :LB137630

Sample Name: Q3414-06 Acquired: 10/23/2025 20:22:36 Type: Unk
Method: 6010-200.7 NEW(v307) 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	.5128332	-.007012	-.007630
Stddev	.0018818	.002319	.000155
%RSD	.3669419	33.06853	2.030679
#1	.5147381	-.004836	-.007544
#2	.5127863	-.006749	-.007538
#3	.5109754	-.009451	-.007809

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6700.970	92069.03	5622.706	5215.243	7318.887
Stddev	25.025	183.64	44.809	9.600	24.984
%RSD	.3734518	.1994580	.7969240	.1840679	.3413578
#1	6672.213	92105.57	5611.424	5221.305	7292.121
#2	6712.889	92231.65	5672.078	5220.250	7322.949
#3	6717.806	91869.87	5584.617	5204.175	7341.591

Sample Name: Q3414-07 Acquired: 10/23/2025 20:26:48 Type: Unk
Method: 6010-200.7 NEW(v307) 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	**.0078578**	**-.001844**	**.1954766**	**.0040213**	**.0025531**	**.0477067**	**.0650572**
Stddev	.0030573	.002829	.0014903	.0027054	.0023751	.0103182	.0007160
%RSD	38.90800	153.4299	.7623796	67.27613	93.03021	21.62850	1.100520
#1	.0043888	-.002410	.1960920	.0030769	.0021718	.0545633	.0656258
#2	.0090251	-.004347	.1965606	.0070723	.0003916	.0527167	.0652926
#3	.0101594	.001226	.1937772	.0019147	.0050958	.0358400	.0642531

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0001297**	**.0004297**	**.5235013**	**.0009987**	**.0011786**	**.3332460**	**6.092688**
Stddev	.0000233	.0000706	.0308351	.0001175	.0002457	.0003301	.015868
%RSD	17.99125	16.42274	5.890177	11.76480	20.85124	.0990613	.2604364
#1	.0001564	.0003717	.5130309	.0009952	.0010654	.3336118	6.110525
#2	.0001189	.0005083	.4992647	.0011179	.0014605	.3329702	6.087397
#3	.0001137	.0004091	.5582083	.0008830	.0010098	.3331560	6.080141

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0446512**	**.0690188**	**.0153248**	**.0003452**	**233.9241**	**-.003763**	**.1721810**
Stddev	.0012640	.0540614	.0003796	.0001658	1.2721	.004734	.0007299
%RSD	2.830759	78.32854	2.476765	48.04905	.5438259	125.8227	.4239229
#1	.0437142	.0297923	.0157544	.0001710	235.3770	-.008858	.1720423
#2	.0460888	.0465774	.0150349	.0005012	233.3851	.000500	.1715304
#3	.0441507	.1306868	.0151850	.0003633	233.0102	-.002930	.1729703

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1131539**	**.0029872**	**.0008047**	**-.019956**	**-.001739**	**.2120565**	**.0058822**
Stddev	.0713102	.0011017	.0002793	.000382	.002476	.0297839	.0012955
%RSD	63.02058	36.88068	34.70907	1.912522	142.3610	14.04526	22.02495
#1	.1843031	.0040287	.0008440	-.020396	-.004187	.2442382	.0070088
#2	.0416837	.0018338	.0005078	-.019722	.000763	.2064695	.0044665
#3	.1134748	.0030990	.0010623	-.019749	-.001793	.1854617	.0061712

Sample Name: Q3414-07 Acquired: 10/23/2025 20:26:48 Type: Unk
Method: 6010-200.7 NEW(v307) 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	.7314963	-.011940	-.003703
Stddev	.0087736	.000585	.000032
%RSD	1.199400	4.901220	.8720434
#1	.7364112	-.012458	-.003694
#2	.7367107	-.011305	-.003739
#3	.7213669	-.012058	-.003676

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6681.705	91566.63	5830.275	5212.152	7302.642
Stddev	18.386	566.08	39.114	31.575	19.672
%RSD	.2751642	.6182205	.6708761	.6057869	.2693824
#1	6661.783	90981.42	5865.979	5188.341	7280.867
#2	6698.019	92111.42	5836.379	5247.968	7319.130
#3	6685.315	91607.04	5788.468	5200.145	7307.930

Reviewed By:jaswal
On:10/28/2025 3:14:16 PM
Inst Id :P4
LB :LB137630

Sample Name: Q3414-08 Acquired: 10/23/2025 20:30:58 Type: Unk
Method: 6010-200.7 NEW(v307) 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	**.0125551**	**-.001670**	**.1623525**	**.0055228**	**.0035686**	**.0634257**	**.0602565**
Stddev	.0025970	.000597	.0015879	.0040095	.0012974	.0125280	.0018643
%RSD	20.68447	35.78426	.9780814	72.59965	36.35709	19.75218	3.093970
#1	.0102259	-.001498	.1635934	.0053898	.0026141	.0508064	.0612173
#2	.0153553	-.001177	.1629011	.0015814	.0030459	.0758602	.0614443
#3	.0120840	-.002334	.1605630	.0095972	.0050459	.0636104	.0581077

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0005975**	**.0004335**	**1.488485**	**.0008722**	**.0026476**	**.1105383**	**14.07679**
Stddev	.0000370	.0000620	.014503	.0001019	.0000258	.0002501	.09690
%RSD	6.189421	14.29494	.9743415	11.67811	.9737716	.2262389	.6883553
#1	.0006323	.0003754	1.485888	.0008817	.0026743	.1104780	14.00721
#2	.0006015	.0004987	1.475456	.0009690	.0026229	.1108130	14.03570
#3	.0005587	.0004263	1.504111	.0007659	.0026456	.1103239	14.18747

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1358395**	**.1213504**	**.0235489**	**.0002250**	**208.4470**	**-.001609**	**.3301235**
Stddev	.0007153	.0449995	.0003037	.0005521	1.1850	.000419	.0006894
%RSD	.5266033	37.08228	1.289575	245.3621	.5684758	26.02386	.2088434
#1	.1361948	.1398151	.0237338	-.000406	207.7474	-.001412	.3299999
#2	.1350161	.1541804	.0237144	.000465	207.7784	-.001324	.3295042
#3	.1363077	.0700556	.0231984	.000616	209.8152	-.002089	.3308663

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2626237**	**.0027376**	**.0009598**	**-.018192**	**-.000908**	**.3564343**	**.0099417**
Stddev	.0362438	.0015516	.0003206	.000386	.001408	.0085477	.0013107
%RSD	13.80064	56.67834	33.40141	2.119195	155.1152	2.398101	13.18434
#1	.2507473	.0013902	.0010591	-.018425	.000288	.3576882	.0111786
#2	.2338082	.0044340	.0012190	-.017747	-.000552	.3642857	.0100786
#3	.3033157	.0023886	.0006013	-.018404	-.002460	.3473290	.0085678

Reviewed By:jaswal
On:10/28/2025 3:14:16 PM
Inst Id :P4
LB :LB137630

Sample Name: Q3414-08 Acquired: 10/23/2025 20:30:58 Type: Unk
Method: 6010-200.7 NEW(v307) 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	1.901107	-.006816	-.009089
Stddev	.020766	.001316	.000002
%RSD	1.092293	19.30679	.0240971
#1	1.905585	-.005413	-.009091
#2	1.919268	-.007012	-.009087
#3	1.878468	-.008023	-.009088

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6598.051	89944.56	5756.057	5048.484	7230.954
Stddev	15.304	244.56	38.095	31.561	18.890
%RSD	.2319481	.2718974	.6618293	.6251619	.2612356
#1	6582.712	90196.09	5719.022	5072.001	7219.189
#2	6598.121	89929.97	5795.131	5060.836	7220.930
#3	6613.320	89707.63	5754.019	5012.615	7252.743

Reviewed By:jaswal
On:10/28/2025 3:14:16 PM
Inst Id :P4
LB :LB137630

Sample Name: Q3417-09 Acquired: 10/23/2025 20:35:08 Type: Unk
Method: 6010-200.7 NEW(v307) 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	**.0143556**	**-.002054**	**.0676540**	**.0021858**	**.0014611**	**.0611594**	**.0665991**
Stddev	.0018667	.001704	.0010104	.0010301	.0005426	.0137114	.0014402
%RSD	13.00355	82.94894	1.493519	47.12864	37.13911	22.41917	2.162566
#1	.0162319	-.003971	.0671063	.0028578	.0020847	.0734964	.0661111
#2	.0124986	-.000715	.0688200	.0009998	.0010967	.0635846	.0682200
#3	.0143363	-.001475	.0670356	.0026998	.0012018	.0463972	.0654663

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0009609**	**-.000141**	**2.699330**	**.0007809**	**.0027282**	**.0306107**	**25.75995**
Stddev	.0000060	.000104	.012447	.0003933	.0000315	.0004675	.43879
%RSD	.6248440	73.91611	.4611116	50.35886	1.155307	1.527088	1.703378
#1	.0009625	-.000236	2.685209	.0003269	.0027166	.0307385	25.87552
#2	.0009542	-.000030	2.708709	.0010135	.0027639	.0310010	25.27495
#3	.0009659	-.000157	2.704072	.0010024	.0027041	.0300927	26.12939

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2969889**	**.1724167**	**.0217890**	**.0000380**	**281.5606**	**-.003036**	**.1911619**
Stddev	.0029717	.0326458	.0001267	.0005999	3.4083	.001060	.0002307
%RSD	1.000605	18.93426	.5814508	1579.842	1.210513	34.91787	.1206572
#1	.2946466	.1397527	.0217918	-.000653	284.5047	-.004100	.1913678
#2	.2959884	.2050443	.0216610	.000339	277.8267	-.003026	.1912052
#3	.3003317	.1724531	.0219143	.000428	282.3504	-.001980	.1909126

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.6188893**	**.0089612**	**.0007370**	**-.020338**	**-.000020**	**.6028236**	**.0152584**
Stddev	.0175445	.0010716	.0000891	.001112	.003771	.0057450	.0014517
%RSD	2.834836	11.95786	12.08505	5.467283	18804.47	.9530133	9.514231
#1	.6386721	.0098679	.0006639	-.021300	.002865	.6090790	.0160913
#2	.6127779	.0077787	.0008362	-.020593	.001361	.6016084	.0161018
#3	.6052178	.0092370	.0007109	-.019121	-.004286	.5977835	.0135821

Sample Name: Q3417-09 Acquired: 10/23/2025 20:35:08 Type: Unk
Method: 6010-200.7 NEW(v307) 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	**2.404205**	**-.008603**	**-.017054**
Stddev	.012720	.000203	.000378
%RSD	.5290639	2.361987	2.219444
#1	2.414733	-.008495	-.017305
#2	2.407809	-.008837	-.016619
#3	2.390071	-.008476	-.017239

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6603.127**	**91040.45**	**5765.430**	**5142.319**	**7154.962**
Stddev	4.793	9.07	100.818	30.856	9.562
%RSD	.0725864	.0099622	1.748667	.6000368	.1336476
#1	6601.242	91034.71	5840.256	5176.213	7145.954
#2	6608.576	91050.91	5650.783	5115.860	7164.996
#3	6599.563	91035.74	5805.252	5134.885	7153.935

Sample Name: CCV09 Acquired: 10/23/2025 20:39:26 Type: Unk
Method: 6010-200.7 NEW(v307) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCV09 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**5.315914**	**4.938859**	**5.376325**	**5.360708**	**5.143456**	**10.26751**
Stddev	.003890	.091552	.010523	.006290	.009648	.01432
%RSD	.0731701	1.853698	.1957326	.1173387	.1875742	.1395050
#1	5.319875	4.986003	5.364722	5.367929	5.138257	10.28344
#2	5.312100	4.997232	5.379003	5.357772	5.137523	10.25568
#3	5.315766	4.833344	5.385251	5.356422	5.154588	10.26342

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**9.990404**	**.2595496**	**2.694813**	**25.69384**	**1.004925**	**2.625954**
Stddev	.013524	.0021167	.003104	.08487	.002128	.004907
%RSD	.1353678	.8155151	.1151919	.3303068	.2118050	.1868716
#1	10.00040	.2612353	2.691535	25.73889	1.005138	2.620636
#2	9.97502	.2571741	2.695198	25.59595	1.002698	2.626921
#3	9.99579	.2602394	2.697707	25.74669	1.006939	2.630306

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.317214**	**4.852715**	**2.543802**	**26.34161**	**2.649920**	**1.324992**
Stddev	.002013	.010904	.011324	.08460	.003414	.000332
%RSD	.1527872	.2246999	.4451767	.3211758	.1288521	.0250547
#1	1.315685	4.840191	2.547503	26.37486	2.646096	1.324705
#2	1.316462	4.857861	2.531089	26.24543	2.650997	1.324917
#3	1.319494	4.860095	2.552812	26.40453	2.652665	1.325356

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**25.70878**	**2.566879**	**2.654623**	**25.63997**	F **5.727814**	**5.183482**
Stddev	.12206	.005671	.003929	.12140	.038185	.002406
%RSD	.4747614	.2209384	.1480151	.4734872	.6666541	.0464179
#1	25.77039	2.562781	2.651561	25.51024	5.759493	5.184175
#2	25.78776	2.564505	2.659053	25.75084	5.685415	5.180805
#3	25.56820	2.573352	2.653255	25.65884	5.738535	5.185465

Sample Name: CCV09 Acquired: 10/23/2025 20:39:26 Type: Unk
Method: 6010-200.7 NEW(v307) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCV09 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.358036	5.042504	4.893519	F 5.557055	5.300365	4.862435
Stddev	.000972	.010416	.005109	.023808	.017406	.005802
%RSD	.0181317	.2065662	.1043982	.4284327	.3283862	.1193188
#1	5.358373	5.046964	4.887940	5.582994	5.312263	4.869088
#2	5.356941	5.030601	4.897968	5.551975	5.308444	4.858432
#3	5.358794	5.049948	4.894649	5.536197	5.280388	4.859784

Elem	Sr4077
Units	ppm
Avg	4.939057
Stddev	.111876
%RSD	2.265123
#1	4.983943
#2	4.811709
#3	5.021519

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6627.465	91101.14	5661.052	5040.808	7128.966
Stddev	1.793	205.19	26.503	12.526	6.158
%RSD	.0270556	.2252345	.4681601	.2484925	.0863862
#1	6628.458	91320.96	5639.515	5048.132	7131.147
#2	6625.395	91067.80	5690.649	5026.344	7122.014
#3	6628.542	90914.66	5652.993	5047.948	7133.737

Reviewed By:jaswal
On:10/28/2025 3:14:16 PM
Inst Id :P4
LB :LB137630

Sample Name: CCB09 Acquired: 10/23/2025 20:43:29 Type: Unk
Method: 6010-200.7 NEW(v307) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCB09 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0025606**	**.0029334**	**.0010429**	**.0014699**	**.0020480**	**.0091425**
Stddev	.0008290	.0023115	.0004406	.0009349	.0016222	.0146503
%RSD	32.37357	78.79720	42.24297	63.60101	79.20738	160.2443
#1	.0034075	.0052801	.0010593	.0004134	.0003002	-.000135
#2	.0025235	.0006589	.0014751	.0021902	.0035053	.026032
#3	.0017508	.0028613	.0005944	.0018059	.0023386	.001530

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0097854**	**.0000917**	**-.000106**	**.0018876**	**.0000831**	**.0000001**
Stddev	.0023188	.0000627	.000048	.0105864	.0003436	.0002303
%RSD	23.69610	68.44878	45.27560	560.8545	413.5233	238803.8
#1	.0099574	.0000327	-.000109	.0015426	-.000033	.0001507
#2	.0120134	.0000847	-.000056	.0126422	-.000188	.0001146
#3	.0073855	.0001576	-.000152	-.008522	.000470	-.000265

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000199**	**-.002213**	**.0002181**	**-.016642**	**-.000397**	**.0000024**
Stddev	.000373	.003619	.0004482	.021495	.000061	.0001608
%RSD	187.4539	163.4974	205.4701	129.1603	15.26266	6758.418
#1	.000191	-.006012	.0007059	-.038164	-.000376	-.000177
#2	-.000552	.001193	.0001241	-.016587	-.000350	.000050
#3	-.000235	-.001821	-.000176	.004825	-.000466	.000134

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.8461873**	**-.004621**	**-.000194**	**.7866453**	**-.000464**	**.0002943**
Stddev	.0239161	.003415	.000227	.0464185	.000247	.0000788
%RSD	2.826334	73.88900	116.9611	5.900820	53.24390	26.76591
#1	.8260365	-.000679	-.000412	.7330490	-.000399	.0002809
#2	.8399092	-.006636	-.000212	.8139482	-.000737	.0003790
#3	.8726162	-.006549	.000041	.8129387	-.000256	.0002231

Sample Name: CCB09 Acquired: 10/23/2025 20:43:29 Type: Unk
Method: 6010-200.7 NEW(v307) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCB09 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.006019	-.000371	.0142889	-.002115	F .0133961	F .0195508
Stddev	.000118	.001846	.0070841	.000255	.0026037	.0042972
%RSD	1.968732	498.1447	49.57794	12.04641	19.43606	21.97960
#1	-.006066	.001761	.0166457	-.002097	.0146848	.0193481
#2	-.005884	-.001457	.0198941	-.001870	.0151040	.0239457
#3	-.006107	-.001416	.0063267	-.002379	.0103994	.0153585

Elem	Sr4077
Units	ppm
Avg	.0001509
Stddev	.0001677
%RSD	111.0928
#1	.0000019
#2	.0001184
#3	.0003325

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6828.470	95885.13	5712.109	5325.011	8186.288
Stddev	4.300	556.96	58.662	36.309	16.757
%RSD	.0629763	.5808607	1.026970	.6818577	.2046935
#1	6823.966	95260.56	5750.073	5284.363	8181.801
#2	6828.910	96064.64	5644.545	5336.439	8204.831
#3	6832.533	96330.21	5741.710	5354.232	8172.231

Sample Name: Q3414-10 Acquired: 10/23/2025 20:47:43 Type: Unk
Method: 6010-200.7 NEW(v307) 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	**.0185697**	**-.000154**	**.1777814**	**.0060848**	**.0022110**	**.1260537**	**.0776414**
Stddev	.0021014	.003397	.0003372	.0011569	.0004342	.0176756	.0019751
%RSD	11.31657	2206.970	.1896480	19.01393	19.63632	14.02224	2.543821
#1	.0208980	.000639	.1779608	.0056183	.0025781	.1097245	.0798810
#2	.0179976	.002776	.1773925	.0052339	.0023231	.1236145	.0768946
#3	.0168135	-.003878	.1779910	.0074021	.0017318	.1448222	.0761487

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0010535**	**.0010894**	**2.142832**	**.0000276**	**.0047926**	**.1198414**	**29.05224**
Stddev	.0001144	.0000573	.022876	.0001491	.0001109	.0003815	.35134
%RSD	10.85692	5.261649	1.067536	540.3948	2.313641	.3183369	1.209343
#1	.0009697	.0011442	2.116523	-.000078	.0048633	.1198303	28.80488
#2	.0011838	.0010298	2.153943	.000198	.0048497	.1202282	28.89743
#3	.0010070	.0010943	2.158030	-.000038	.0046648	.1194655	29.45439

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2360069**	**.2218791**	**.0520313**	**-.000366**	**335.0512**	**-.002298**	**.2961534**
Stddev	.0017963	.0186396	.0003840	.000145	2.0693	.000943	.0013539
%RSD	.7611443	8.400783	.7380541	39.63060	.6176206	41.05036	.4571514
#1	.2346693	.2172085	.0524224	-.000230	332.7475	-.002374	.2948215
#2	.2353028	.2060189	.0520167	-.000519	335.6535	-.001319	.2975282
#3	.2380487	.2424098	.0516548	-.000349	336.7526	-.003200	.2961106

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.7016368**	**.0159824**	**.0012132**	**-.020154**	**.0026993**	**.8624681**	**.0142989**
Stddev	.0609693	.0008595	.0001608	.000549	.0013276	.0117418	.0005283
%RSD	8.689585	5.377915	13.25813	2.725497	49.18402	1.361422	3.694599
#1	.7516945	.0167440	.0012176	-.019589	.0011991	.8658966	.0137022
#2	.6337369	.0161527	.0010502	-.020687	.0037227	.8493936	.0147069
#3	.7194792	.0150505	.0013718	-.020185	.0031762	.8721140	.0144876

Sample Name: Q3414-10 Acquired: 10/23/2025 20:47:43 Type: Unk
Method: 6010-200.7 NEW(v307) 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	**2.058667**	**-.007750**	**-.020994**
Stddev	.021851	.000947	.000360
%RSD	1.061438	12.22094	1.715111
#1	2.059312	-.007837	-.020760
#2	2.036501	-.008650	-.020812
#3	2.080189	-.006762	-.021408

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6502.640**	**88798.26**	**5749.283**	**5072.579**	**6983.090**
Stddev	22.171	485.12	35.484	46.481	27.263
%RSD	.3409605	.5463117	.6171938	.9163193	.3904086
#1	6506.967	88495.10	5732.725	5029.742	6986.943
#2	6478.624	89357.77	5725.104	5122.002	6954.106
#3	6522.329	88541.91	5790.020	5065.992	7008.222

Sample Name: Q3414-11 Acquired: 10/23/2025 20:52:00 Type: Unk
Method: 6010-200.7 NEW(v307) 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	**.0116013**	**-.001274**	**.1324313**	**.0035217**	**.0022233**	**.0549134**	**.0578839**
Stddev	.0013764	.001925	.0006606	.0025190	.0010595	.0125977	.0013894
%RSD	11.86400	151.1663	.4988452	71.52706	47.65417	22.94104	2.400251
#1	.0111171	-.000637	.1317932	.0052095	.0022075	.0429020	.0585358
#2	.0105324	.000253	.1331124	.0006263	.0032907	.0538130	.0588275
#3	.0131543	-.003437	.1323882	.0047293	.0011718	.0680252	.0562885

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0004165**	**.0001983**	**.7216164**	**.0004535**	**.0022116**	**.1188396**	**12.50747**
Stddev	.0000147	.0000229	.0026886	.0000615	.0000727	.0005650	.32257
%RSD	3.534870	11.56290	.3725822	13.55335	3.288362	.4754500	2.578993
#1	.0004022	.0002005	.7188377	.0004129	.0022495	.1192287	12.62943
#2	.0004155	.0002201	.7218066	.0005242	.0021278	.1190985	12.14170
#3	.0004316	.0001744	.7242049	.0004234	.0022576	.1181915	12.75127

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0826039**	**.0620891**	**.0161172**	**-.000169**	**280.2610**	**-.000059**	**.3409202**
Stddev	.0002323	.0295128	.0002721	.000402	6.8740	.002357	.0088864
%RSD	.2811996	47.53290	1.687937	238.1854	2.452703	4003.060	2.606584
#1	.0823482	.0311307	.0158032	.000174	284.2589	.002417	.3476546
#2	.0828018	.0652318	.0162823	-.000070	272.3237	-.002275	.3308483
#3	.0826616	.0899047	.0162662	-.000610	284.2005	-.000319	.3442576

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4541926**	**.0109102**	**.0009291**	**-.019554**	**-.001712**	**.2853342**	**.0108415**
Stddev	.0475377	.0010585	.0001537	.000173	.002223	.0034875	.0008666
%RSD	10.46641	9.702309	16.54252	.8851296	129.8208	1.222249	7.993792
#1	.4001705	.0109949	.0007800	-.019613	-.002521	.2879261	.0098929
#2	.4896319	.0098119	.0009204	-.019358	-.003417	.2813691	.0115918
#3	.4727754	.0119239	.0010870	-.019689	.000802	.2867074	.0110398

Sample Name: Q3414-11 Acquired: 10/23/2025 20:52:00 Type: Unk
Method: 6010-200.7 NEW(v307) 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	**1.480392**	**-.010475**	**-.009278**
Stddev	.001618	.001762	.000187
%RSD	.1092936	16.82319	2.013541
#1	1.481205	-.011734	-.009378
#2	1.481442	-.011230	-.009062
#3	1.478529	-.008461	-.009393

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6792.162**	**95016.74**	**5983.065**	**5401.353**	**7374.998**
Stddev	42.845	2109.72	59.419	124.756	47.056
%RSD	.6307944	2.220366	.9931250	2.309718	.6380432
#1	6761.615	94009.67	5933.252	5322.350	7336.346
#2	6773.733	97441.29	5967.112	5545.176	7361.252
#3	6841.137	93599.27	6048.833	5336.534	7427.396

Sample Name: Q3414-12 Acquired: 10/23/2025 20:56:19 Type: Unk
Method: 6010-200.7 NEW(v307) 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	**.0112680**	**.0008077**	**.1130291**	**.0041201**	**.0015573**	**.0437211**	**.0520760**
Stddev	.0016007	.0015963	.0014913	.0009942	.0008352	.0127542	.0010930
%RSD	14.20573	197.6260	1.319379	24.12983	53.63224	29.17179	2.098815
#1	.0110543	.0025641	.1124879	.0051455	.0017559	.0343405	.0527410
#2	.0129649	.0004137	.1118840	.0040544	.0006407	.0385791	.0526724
#3	.0097849	-.000555	.1147155	.0031604	.0022753	.0582437	.0508146

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0004623**	**.0001191**	**.7128595**	**.0018088**	**.0020265**	**.0681688**	**11.85191**
Stddev	.0000904	.0000709	.0108428	.0002267	.0000344	.0003182	.05533
%RSD	19.55170	59.53607	1.521036	12.53024	1.699448	.4667372	.4668549
#1	.0003631	.0000498	.7250950	.0020427	.0019902	.0681372	11.90371
#2	.0005399	.0001159	.7090409	.0015902	.0020587	.0685016	11.79362
#3	.0004840	.0001915	.7044426	.0017934	.0020307	.0678676	11.85840

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0833383**	**.0586510**	**.0152059**	**.0000208**	**181.7579**	**-.004185**	**.3335232**
Stddev	.0010465	.0352901	.0002416	.0004099	1.5380	.004381	.0010371
%RSD	1.255690	60.16970	1.588889	1976.013	.8462082	104.6782	.3109642
#1	.0821363	.0835843	.0149399	.0003725	183.3142	-.008084	.3345158
#2	.0840468	.0740975	.0154118	-.000429	180.2388	.000555	.3324467
#3	.0838317	.0182712	.0152658	.000119	181.7207	-.005025	.3336073

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3545469**	**.0050239**	**.0011290**	**-.019383**	**-.001197**	**.3005795**	**.0071414**
Stddev	.0590400	.0005698	.0002363	.000573	.001038	.0184734	.0005793
%RSD	16.65224	11.34149	20.93151	2.956282	86.67138	6.145940	8.111724
#1	.2978649	.0049923	.0008574	-.019910	-.000600	.2864804	.0067286
#2	.4156917	.0056088	.0012417	-.019466	-.002396	.2937663	.0068919
#3	.3500842	.0044706	.0012879	-.018773	-.000596	.3214919	.0078036

Sample Name: Q3414-12 Acquired: 10/23/2025 20:56:19 Type: Unk
Method: 6010-200.7 NEW(v307) 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	1.446251	-.008509	-.008859
Stddev	.004062	.000983	.000031
%RSD	.2808488	11.55250	.3502605
#1	1.450383	-.007433	-.008842
#2	1.442263	-.008735	-.008839
#3	1.446106	-.009360	-.008895

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6617.293	91052.53	5689.895	5095.756	7287.017
Stddev	34.916	714.74	36.523	25.859	42.922
%RSD	.5276499	.7849762	.6418960	.5074644	.5890203
#1	6586.631	90245.52	5685.359	5076.468	7243.608
#2	6609.952	91605.72	5655.851	5125.140	7288.010
#3	6655.296	91306.34	5728.474	5085.659	7329.435

Reviewed By:jaswal
On:10/28/2025 3:14:16 PM
Inst Id :P4
LB :LB137630

Sample Name: Q3414-13 Acquired: 10/23/2025 21:00:30 Type: Unk
Method: 6010-200.7 NEW(v307) 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	**.0260263**	**-.000726**	**.2018176**	**.0061388**	**.0018116**	**.1184417**	**.0746446**
Stddev	.0028376	.002484	.0011178	.0045265	.0022729	.0043758	.0007112
%RSD	10.90281	342.3099	.5538644	73.73496	125.4683	3.694441	.9528268
#1	.0228682	-.002174	.2006201	.0056578	-.000331	.1201480	.0741806
#2	.0268492	.002143	.2028335	.0018721	.001569	.1134698	.0742898
#3	.0283615	-.002146	.2019993	.0108866	.004196	.1217072	.0754635

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0012935**	**.0004225**	**2.168093**	**-.000280**	**.0073500**	**.0291959**	**31.65592**
Stddev	.0000663	.0000794	.016690	.000263	.0001650	.0002137	.38877
%RSD	5.128629	18.79801	.7697891	93.89276	2.244461	.7318706	1.228107
#1	.0013212	.0003503	2.149957	-.000166	.0075014	.0294405	31.93389
#2	.0012178	.0004097	2.171517	-.000093	.0073745	.0291017	31.82221
#3	.0013414	.0005075	2.182806	-.000581	.0071742	.0290456	31.21166

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2331822**	**.2435926**	**.0436420**	**-.000561**	**235.3396**	**-.000698**	**.7978004**
Stddev	.0016087	.0209924	.0003302	.000470	3.4481	.007406	.0008650
%RSD	.6899042	8.617813	.7565777	83.90263	1.465173	1060.399	.1084175
#1	.2341633	.2556139	.0439920	-.000160	237.8796	-.005864	.7982782
#2	.2340578	.2193530	.0433361	-.000443	236.7249	-.004018	.7968019
#3	.2313256	.2558110	.0435979	-.001079	231.4142	.007787	.7983210

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.7092116**	**.0131991**	**.0059817**	**-.020003**	**.0000443**	**1.060497**	**.0121760**
Stddev	.0303712	.0023666	.0001465	.000299	.0025381	.032756	.0008032
%RSD	4.282396	17.93025	2.449105	1.494464	5723.959	3.088735	6.596608
#1	.6753162	.0145891	.0059590	-.019964	-.000613	1.065257	.0117315
#2	.7339528	.0145418	.0061382	-.019725	-.002100	1.090613	.0116933
#3	.7183659	.0104665	.0058478	-.020319	.002846	1.025622	.0131032

Sample Name: Q3414-13 Acquired: 10/23/2025 21:00:30 Type: Unk
Method: 6010-200.7 NEW(v307) 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	3.293624	-.008588	-.023615
Stddev	.022645	.001641	.000443
%RSD	.6875530	19.10865	1.878031
#1	3.290622	-.010061	-.023779
#2	3.317620	-.006819	-.023952
#3	3.272629	-.008886	-.023112

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6567.591	89341.29	5776.127	5001.357	7173.598
Stddev	30.373	343.58	17.405	11.781	42.279
%RSD	.4624615	.3845719	.3013203	.2355627	.5893654
#1	6540.068	89151.19	5784.479	4987.899	7138.954
#2	6562.528	89134.76	5787.782	5006.367	7161.131
#3	6600.177	89737.91	5756.121	5009.805	7220.708

Reviewed By:jaswal
On:10/28/2025 3:14:16 PM
Inst Id :P4
LB :LB137630

Sample Name: Q3427-04 Acquired: 10/23/2025 21:04:38 Type: Unk
Method: 6010-200.7 NEW(v307) 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	**.0001381**	**.0018295**	**.0026553**	**.0036107**	**.0013135**	**.0409964**	**.1691209**
Stddev	.0004104	.0000254	.0008589	.0038773	.0019858	.0054593	.0007726
%RSD	297.1857	1.386296	32.34694	107.3828	151.1818	13.31651	.4568246
#1	-.000324	.0018025	.0023744	-.000722	-.000421	.0446758	.1689286
#2	.000462	.0018332	.0019720	.004801	.003480	.0347238	.1699715
#3	.000276	.0018528	.0036195	.006753	.000882	.0435895	.1684626

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000023**	**.0000003**	**6.657561**	**.0009215**	**-.000271**	**.0095493**	**.0398000**
Stddev	.000022	.0000378	.025299	.0000824	.000066	.0004931	.0100050
%RSD	93.03859	14651.36	.3799984	8.943948	24.37093	5.163642	25.13817
#1	-.000037	-.000042	6.673508	.0008668	-.000235	.0093078	.0410899
#2	-.000034	.000030	6.628392	.0008813	-.000231	.0092234	.0490976
#3	.000002	.000013	6.670785	.0010163	-.000347	.0101165	.0292127

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0456067**	**.7722121**	**.0006143**	**.0005768**	**282.5415**	**-.000442**	**.0461946**
Stddev	.0005774	.0146192	.0000813	.0003859	4.1892	.000871	.0003483
%RSD	1.266105	1.893155	13.24100	66.90463	1.482693	197.2582	.7539718
#1	.0461818	.7757751	.0005397	.0009877	287.3759	-.000660	.0462277
#2	.0450270	.7561408	.0006022	.0005209	280.2683	.000518	.0465252
#3	.0456112	.7847205	.0007010	.0002219	279.9802	-.001184	.0458310

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.7706610**	**.0194428**	**.0003447**	**-.020374**	**.0019481**	**.5550307**	**.0911901**
Stddev	.0665734	.0011474	.0001510	.000502	.0014568	.0087612	.0015508
%RSD	8.638477	5.901639	43.81143	2.463026	74.78393	1.578499	1.700595
#1	.7929924	.0181455	.0001923	-.019907	.0025405	.5509176	.0895881
#2	.8231977	.0203248	.0004943	-.020311	.0002883	.5650916	.0912981
#3	.6957929	.0198580	.0003477	-.020905	.0030153	.5490829	.0926840

Sample Name: Q3427-04 Acquired: 10/23/2025 21:04:38 Type: Unk
Method: 6010-200.7 NEW(v307) 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	.3087169	-.009652	.0404086
Stddev	.0015880	.000987	.0003762
%RSD	.5144027	10.22834	.9309220
#1	.3069861	-.009727	.0401432
#2	.3101069	-.010600	.0402437
#3	.3090576	-.008630	.0408391

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6713.516	88704.05	5809.222	4968.877	7258.620
Stddev	20.680	306.05	11.720	16.078	28.808
%RSD	.3080301	.3450189	.2017430	.3235697	.3968827
#1	6728.336	88922.36	5800.664	4980.956	7275.473
#2	6689.891	88354.23	5822.580	4950.628	7225.356
#3	6722.322	88835.56	5804.423	4975.047	7275.032

Reviewed By:jaswal
On:10/28/2025 3:14:16 PM
Inst Id :P4
LB :LB137630

Sample Name: Q3427-04DUP Acquired: 10/23/2025 21:08:59 Type: Unk
Method: 6010-200.7 NEW(v307) 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	**.0001620**	**-.000078**	**.0025062**	**.0060373**	**.0019740**	**.0431610**	**.1720936**
Stddev	.0010912	.002028	.0016239	.0013796	.0019959	.0220979	.0021925
%RSD	673.4656	2587.391	64.79474	22.85116	101.1100	51.19885	1.273991
#1	.0003914	-.002416	.0015922	.0045754	.0002109	.0566287	.1738878
#2	-.001026	.000960	.0015453	.0062201	.0015702	.0551963	.1727434
#3	.001120	.001221	.0043812	.0073164	.0041408	.0176579	.1696497

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0000293**	**-.000062**	**6.624376**	**.0009426**	**-.000019**	**.0096983**	**.0135285**
Stddev	.0000271	.000043	.046998	.0003111	.000098	.0001513	.0069153
%RSD	92.48225	70.15464	.7094637	33.00976	512.7581	1.559702	51.11660
#1	.0000156	-.000077	6.665387	.0008724	.000003	.0095272	.0208129
#2	.0000605	-.000013	6.634648	.0006725	.000066	.0098142	.0070536
#3	.0000118	-.000095	6.573092	.0012828	-.000127	.0097536	.0127189

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0439797**	**.8000016**	**.0002846**	**.0000515**	**285.6858**	**-.001446**	**.0448886**
Stddev	.0013766	.0110566	.0003017	.0004811	4.8603	.004035	.0001831
%RSD	3.130091	1.382079	106.0181	934.2027	1.701272	279.0942	.4078892
#1	.0446957	.8040623	-.000014	.0005786	291.2693	-.006058	.0450928
#2	.0448508	.8084537	.000279	-.000364	283.3845	.001435	.0447392
#3	.0423926	.7874887	.000589	-.000060	282.4035	.000285	.0448338

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.6822711**	**.0187387**	**.0006035**	**-.020496**	**.0005370**	**.5619578**	**.0938675**
Stddev	.0117714	.0003104	.0000823	.000685	.0015744	.0138019	.0004039
%RSD	1.725332	1.656669	13.63326	3.340843	293.1928	2.456032	.4302887
#1	.6924036	.0190547	.0006004	-.020636	-.000676	.5513896	.0938207
#2	.6693585	.0187273	.0006872	-.021101	.002316	.5775727	.0942927
#3	.6850513	.0184341	.0005228	-.019753	-.000030	.5569110	.0934889

Reviewed By:jaswal
On:10/28/2025 3:14:16 PM
Inst Id :P4
LB :LB137630

Sample Name: Q3427-04DUP Acquired: 10/23/2025 21:08:59 Type: Unk
Method: 6010-200.7 NEW(v307) 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	.3061848	-.011177	.0403472
Stddev	.0044504	.001295	.0003860
%RSD	1.453492	11.58165	.9567878
#1	.3079773	-.012602	.0404352
#2	.3094594	-.010858	.0406817
#3	.3011177	-.010072	.0399248

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6501.992	88320.81	5768.042	4960.320	7026.269
Stddev	17.969	693.89	10.765	35.707	20.885
%RSD	.2763688	.7856505	.1866237	.7198517	.2972392
#1	6511.598	87607.05	5756.312	4919.618	7038.805
#2	6481.261	88992.96	5770.347	4974.969	7002.159
#3	6513.117	88362.42	5777.468	4986.373	7037.842

Sample Name: Q3427-04LX5 Acquired: 10/23/2025 21:13:20 Type: Unk
Method: 6010-200.7 NEW(v307) 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	**.0013999**	**.0049544**	**.0004083**	**.0025756**	**.0021342**	**.0028655**	**.0451292**
Stddev	.0014769	.0021184	.0012217	.0034145	.0011163	.0063697	.0019617
%RSD	105.4950	42.75875	299.2246	132.5706	52.30403	222.2901	4.346835
#1	.0024713	.0040259	-.000109	.0063074	.0010440	-.003973	.0465552
#2	-.000285	.0034587	-.000470	.0018114	.0020837	.003939	.0459405
#3	.002013	.0073785	.001804	-.000392	.0032748	.008630	.0428921

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000015**	**-.000049**	**1.543436**	**.0001897**	**-.000010**	**.0024339**	**.0061953**
Stddev	.000052	.000054	.017450	.0000999	.000219	.0001299	.0086088
%RSD	352.6938	109.9252	1.130573	52.66257	2157.170	5.336924	138.9567
#1	.000005	-.000069	1.554144	.0002972	-.000183	.0024585	.0137518
#2	.000024	-.000090	1.552863	.0000998	.000236	.0025497	-.003176
#3	-.000074	.000012	1.523300	.0001720	-.000083	.0022935	.008010

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0109015**	**.1820914**	**-.000125**	**.0003912**	**65.79127**	**-.004395**	**.0098156**
Stddev	.0004255	.0163428	.000138	.0006460	.44206	.003262	.0001842
%RSD	3.902696	8.975077	110.7403	165.1544	.6719096	74.22197	1.876868
#1	.0106690	.1994258	-.000231	.0008288	65.48649	-.001303	.0098037
#2	.0113926	.1798841	-.000175	.0006955	66.29827	-.004078	.0100055
#3	.0106430	.1669644	.000031	-.000351	65.58906	-.007804	.0096376

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.343364**	**-.004222**	**.0001467**	**-.007067**	**.0002423**	**.1306436**	**.0168691**
Stddev	.125007	.000248	.0000272	.000326	.0020147	.0119609	.0005739
%RSD	9.305486	5.881169	18.55396	4.614142	831.5254	9.155397	3.402045
#1	1.205083	-.004399	.0001179	-.007119	-.001027	.1315902	.0169807
#2	1.376652	-.003938	.0001721	-.006717	-.000812	.1182375	.0173790
#3	1.448357	-.004328	.0001500	-.007363	.002565	.1421031	.0162476

Sample Name: Q3427-04LX5 Acquired: 10/23/2025 21:13:20 Type: Unk
Method: 6010-200.7 NEW(v307) 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	.0924085	.0302119	.0092626
Stddev	.0034416	.0006531	.0002423
%RSD	3.724356	2.161767	2.616146
#1	.0953631	.0306338	.0094824
#2	.0932328	.0294596	.0093026
#3	.0886295	.0305422	.0090027

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6492.971	90040.27	5610.456	5076.415	7270.143
Stddev	15.294	385.90	62.065	15.704	26.761
%RSD	.2355470	.4285912	1.106240	.3093584	.3680927
#1	6481.411	90462.48	5554.479	5089.794	7263.422
#2	6487.189	89705.76	5599.688	5059.124	7247.383
#3	6510.313	89952.58	5677.200	5080.326	7299.624

Sample Name: Q3427-04MS Acquired: 10/23/2025 21:17:34 Type: Unk
Method: 6010-200.7 NEW(v307) 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	**.7983516**	**1.681345**	**.9478960**	**1.972033**	**.7884376**	**1.921366**	**.4058157**
Stddev	.0036455	.050570	.0021089	.007817	.0028398	.020540	.0034166
%RSD	.4566306	3.007691	.2224786	.3964010	.3601840	1.069038	.8419104
#1	.8025107	1.680492	.9477213	1.963009	.7861795	1.943774	.4097555
#2	.7968341	1.631207	.9500869	1.976734	.7916258	1.903432	.4040247
#3	.7957099	1.732335	.9458800	1.976356	.7875073	1.916891	.4036670

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1911904**	**.1989347**	**9.333323**	**.3773827**	**.1961590**	**.3021742**	**2.878421**
Stddev	.0021015	.0002799	.076826	.0022278	.0005936	.0012095	.035457
%RSD	1.099153	.1406949	.8231350	.5903304	.3026143	.4002593	1.231812
#1	.1899267	.1989198	9.421677	.3748235	.1960436	.3017592	2.892840
#2	.1900283	.1992218	9.282264	.3784365	.1968018	.3035366	2.904396
#3	.1936163	.1986626	9.296028	.3788880	.1956315	.3012270	2.838026

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2612042**	**2.949479**	**.4935479**	**.0695986**	**357.1177**	**.2887662**	**.2566141**
Stddev	.0023771	.068432	.0008746	.0008557	3.8900	.0031848	.0009057
%RSD	.9100404	2.320122	.1772004	1.229452	1.089273	1.102917	.3529303
#1	.2638852	2.990991	.4930053	.0690113	352.7504	.2923408	.2557689
#2	.2593541	2.870495	.4945568	.0692041	360.2109	.2862305	.2575701
#3	.2603732	2.986950	.4930816	.0705804	358.3916	.2877274	.2565033

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**10.79420**	**.3130030**	**.4150615**	**.7145166**	**.1968810**	**1.514097**	**6.410831**
Stddev	.16309	.0043049	.0008088	.0011449	.0017854	.041750	.007441
%RSD	1.510933	1.375342	.1948526	.1602285	.9068634	2.757401	.1160761
#1	10.93053	.3100909	.4150373	.7145409	.1987479	1.560354	6.402645
#2	10.83854	.3109703	.4158821	.7156491	.1951901	1.479209	6.412663
#3	10.61352	.3179478	.4142651	.7133597	.1967051	1.502729	6.417186

Reviewed By:jaswal
On:10/28/2025 3:14:16 PM
Inst Id :P4
LB :LB137630

Sample Name: Q3427-04MS Acquired: 10/23/2025 21:17:34 Type: Unk
Method: 6010-200.7 NEW(v307) 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	.3792948	.1753802	.2347133
Stddev	.0035760	.0021805	.0010513
%RSD	.9427882	1.243285	.4479140
#1	.3795212	.1778817	.2357579
#2	.3756110	.1743765	.2347266
#3	.3827522	.1738822	.2336554

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6320.680	85617.73	5381.499	4919.448	6724.838
Stddev	19.617	337.57	62.371	29.545	11.895
%RSD	.3103694	.3942798	1.158994	.6005724	.1768849
#1	6309.216	85888.44	5433.175	4951.317	6715.575
#2	6309.493	85239.49	5399.104	4892.969	6720.687
#3	6343.332	85725.26	5312.217	4914.058	6738.253

Sample Name: Q3427-04MSD Acquired: 10/23/2025 21:21:43 Type: Unk
Method: 6010-200.7 NEW(v307) 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	**.8260152**	**1.680011**	**.9821122**	**2.051332**	**.7756263**	**2.128063**	**.3921923**
Stddev	.0015726	.113418	.0024932	.004351	.0048166	.009795	.0028756
%RSD	.1903823	6.751054	.2538635	.2121030	.6209968	.4602989	.7331991
#1	.8257888	1.567804	.9842981	2.052785	.7810717	2.139284	.3948468
#2	.8245681	1.677627	.9826417	2.046440	.7738837	2.123683	.3891376
#3	.8276887	1.794603	.9793967	2.054770	.7719235	2.121222	.3925924

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1961077**	**.2066388**	**8.966170**	**.3920913**	**.2035710**	**.3130889**	**2.915241**
Stddev	.0015903	.0004840	.042798	.0014468	.0001862	.0011033	.008720
%RSD	.8109537	.2342409	.4773220	.3690037	.0914604	.3523832	.2991133
#1	.1978843	.2070349	9.008695	.3905653	.2035942	.3142106	2.905286
#2	.1956219	.2067823	8.923106	.3922655	.2037444	.3130511	2.918912
#3	.1948170	.2060993	8.966708	.3934432	.2033743	.3120051	2.921526

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2534990**	**2.948953**	**.5129167**	**.0713970**	**328.7360**	**.2933267**	**.2620560**
Stddev	.0003560	.034390	.0013296	.0007217	1.8542	.0060373	.0016864
%RSD	.1404193	1.166191	.2592158	1.010755	.5640435	2.058210	.6435190
#1	.2534310	2.982973	.5132622	.0705651	330.2620	.2991305	.2601225
#2	.2531819	2.949680	.5140394	.0717712	329.2736	.2937693	.2632229
#3	.2538840	2.914204	.5114485	.0718548	326.6724	.2870803	.2628226

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**10.76012**	**.3183257**	**.4087956**	**.7008157**	**.1879975**	**1.457055**	**6.539370**
Stddev	.05417	.0040738	.0004159	.0012633	.0016448	.036382	.005690
%RSD	.5034708	1.279743	.1017295	.1802670	.8749019	2.496929	.0870131
#1	10.70841	.3224098	.4089267	.6994223	.1894681	1.422570	6.535968
#2	10.75550	.3183048	.4091301	.7018863	.1862214	1.495075	6.536202
#3	10.81646	.3142624	.4083300	.7011384	.1883030	1.453519	6.545939

Reviewed By:jaswal
On:10/28/2025 3:14:16 PM
Inst Id :P4
LB :LB137630

Sample Name: Q3427-04MSD Acquired: 10/23/2025 21:21:43 Type: Unk
Method: 6010-200.7 NEW(v307) 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	.3709783	.1700564	.2327796
Stddev	.0008128	.0012893	.0011030
%RSD	.2190827	.7581772	.4738219
#1	.3704214	.1692302	.2339781
#2	.3706026	.1715421	.2325536
#3	.3719109	.1693970	.2318072

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6368.079	86766.57	5489.376	4946.735	6786.718
Stddev	10.315	332.88	68.983	38.706	6.931
%RSD	.1619810	.3836520	1.256664	.7824517	.1021220
#1	6356.222	86578.82	5411.881	4958.063	6779.740
#2	6373.032	87150.91	5544.077	4978.514	6786.815
#3	6374.983	86569.97	5512.171	4903.630	6793.600

Sample Name: Q3427-04A Acquired: 10/23/2025 21:25:54 Type: Unk
Method: 6010-200.7 NEW(v307) 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	**.7840597**	**1.690946**	**.9451158**	**1.960798**	**.7384449**	**1.876622**	**.3337437**
Stddev	.0064510	.035927	.0027300	.005659	.0068023	.010280	.0025166
%RSD	.8227758	2.124678	.2888497	.2886177	.9211644	.5477786	.7540416
#1	.7891337	1.658360	.9475178	1.967005	.7434738	1.864752	.3366471
#2	.7862457	1.729474	.9456826	1.959466	.7411557	1.882572	.3323956
#3	.7767997	1.685005	.9421469	1.955924	.7307051	1.882542	.3321883

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1863554**	**.1978313**	**7.301356**	**.3755996**	**.1939509**	**.2980326**	**2.724485**
Stddev	.0004980	.0004026	.014135	.0007312	.0003792	.0013369	.024853
%RSD	.2672488	.2035295	.1935875	.1946791	.1955164	.4485795	.9122186
#1	.1866255	.1982380	7.288400	.3748657	.1941850	.2988142	2.727011
#2	.1866600	.1978231	7.299240	.3756050	.1941544	.2987946	2.698465
#3	.1857806	.1974328	7.316430	.3763281	.1935134	.2964889	2.747978

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2280375**	**2.686216**	**.4903834**	**.0676157**	**262.2435**	**.2845663**	**.2406574**
Stddev	.0017392	.037420	.0021231	.0017379	3.0253	.0009649	.0013122
%RSD	.7626841	1.393036	.4329581	2.570320	1.153625	.3390828	.5452527
#1	.2279879	2.646308	.4918240	.0659378	259.1944	.2848283	.2415292
#2	.2263236	2.720514	.4913810	.0675012	265.2445	.2834974	.2412946
#3	.2298009	2.691826	.4879451	.0694080	262.2916	.2853731	.2391482

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**9.848026**	**.2977416**	**.3933340**	**.6700195**	**.1758486**	**1.325605**	**6.130092**
Stddev	.140933	.0006179	.0015794	.0033952	.0006614	.021326	.010169
%RSD	1.431078	.2075400	.4015329	.5067297	.3761173	1.608797	.1658880
#1	9.842418	.2970344	.3945229	.6724623	.1763265	1.350161	6.129405
#2	9.709981	.2980135	.3939372	.6714537	.1750938	1.314919	6.140588
#3	9.991679	.2981770	.3915420	.6661426	.1761256	1.311733	6.120284

Reviewed By:jaswal
On:10/28/2025 3:14:16 PM
Inst Id :P4
LB :LB137630

Sample Name: Q3427-04A Acquired: 10/23/2025 21:25:54 Type: Unk
Method: 6010-200.7 NEW(v307) 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	.2777526	.1626369	.2113860
Stddev	.0037017	.0032219	.0004378
%RSD	1.332740	1.981046	.2070889
#1	.2762644	.1617413	.2115304
#2	.2819668	.1599574	.2108942
#3	.2750265	.1662118	.2117332

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6749.842	93112.24	5869.326	5246.581	7243.626
Stddev	19.077	435.02	2.837	9.770	11.601
%RSD	.2826361	.4671951	.0483339	.1862091	.1601497
#1	6729.711	93396.81	5872.074	5253.338	7230.574
#2	6752.160	93328.42	5866.408	5235.380	7247.545
#3	6767.654	92611.48	5869.497	5251.027	7252.760

Sample Name: CCV10 Acquired: 10/23/2025 21:30:03 Type: Unk
Method: 6010-200.7 NEW(v307) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCV10 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**5.006505**	**4.825711**	**5.109855**	**5.043272**	**4.818389**	**9.717856**
Stddev	.016659	.203016	.012065	.021909	.012897	.056959
%RSD	.3327392	4.206967	.2361080	.4344275	.2676699	.5861274
#1	5.011612	4.641345	5.105641	5.040197	4.824420	9.765836
#2	5.020012	5.043283	5.123462	5.066556	4.827165	9.654908
#3	4.987891	4.792505	5.100463	5.023062	4.803580	9.732824

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**9.493026**	**.2537055**	**2.566560**	**24.72127**	**.9621992**	**2.489593**
Stddev	.041659	.0036924	.005358	.09541	.0045917	.004910
%RSD	.4388411	1.455402	.2087433	.3859260	.4772048	.1972343
#1	9.531281	.2579320	2.566389	24.80548	.9664876	2.489977
#2	9.448641	.2520784	2.572001	24.61765	.9573549	2.494300
#3	9.499155	.2511060	2.561290	24.74068	.9627551	2.484502

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.249546**	**4.662898**	**2.426785**	**25.38708**	**2.512770**	**1.276364**
Stddev	.003219	.044875	.016893	.11933	.003714	.002591
%RSD	.2576353	.9623836	.6961263	.4700567	.1477982	.2029767
#1	1.251396	4.626492	2.441720	25.52475	2.513914	1.279144
#2	1.251413	4.649168	2.408450	25.31308	2.515778	1.274017
#3	1.245828	4.713034	2.430185	25.32342	2.508619	1.275932

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**23.72744**	**2.463997**	**2.530480**	**24.36363**	F **5.610273**	**4.926057**
Stddev	.04156	.009061	.006500	.26379	.086141	.018907
%RSD	.1751519	.3677450	.2568757	1.082733	1.535416	.3838136
#1	23.73534	2.472732	2.530457	24.06978	5.709708	4.933507
#2	23.68250	2.454641	2.523991	24.44109	5.562736	4.940104
#3	23.76448	2.464618	2.536991	24.58001	5.558375	4.904560

Reviewed By:jaswal
On:10/28/2025 3:14:16 PM
Inst Id :P4
LB :LB137630

Sample Name: CCV10 Acquired: 10/23/2025 21:30:03 Type: Unk
Method: 6010-200.7 NEW(v307) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCV10 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**5.099184**	**4.812599**	**4.646703**	**5.332318**	**4.981369**	**4.564194**
Stddev	.019861	.017653	.057765	.027039	.038468	.018818
%RSD	.3894998	.3668115	1.243134	.5070739	.7722384	.4122894
#1	5.100853	4.827105	4.583656	5.320895	4.957078	4.579399
#2	5.118158	4.792944	4.659369	5.363193	5.025721	4.543148
#3	5.078540	4.817748	4.697083	5.312865	4.961309	4.570034

Elem	Sr4077
Units	ppm
Avg	**4.737757**
Stddev	.126485
%RSD	2.669715
#1	4.804609
#2	4.591875
#3	4.816788

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6613.136**	**89169.19**	**5488.568**	**4947.113**	**7116.155**
Stddev	21.362	316.72	76.492	9.363	17.311
%RSD	.3230250	.3551952	1.393653	.1892659	.2432581
#1	6599.856	88911.29	5400.316	4954.361	7110.555
#2	6601.774	89522.71	5535.811	4950.436	7102.337
#3	6637.778	89073.57	5529.576	4936.541	7135.572

Sample Name: CCB10 Acquired: 10/23/2025 21:34:06 Type: Unk
Method: 6010-200.7 NEW(v307) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCB10 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0015793**	**.0030363**	**.0004019**	**.0017174**	**.0020194**	**-.005936**
Stddev	.0004162	.0015261	.0006122	.0024019	.0013477	.004562
%RSD	26.34939	50.26298	152.3147	139.8572	66.73636	76.85231
#1	.0013583	.0047985	.0004705	.0039789	.0023254	-.004657
#2	.0020594	.0021426	.0009770	-.000804	.0005450	-.002150
#3	.0013204	.0021679	-.000242	.001977	.0031878	-.011000

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0096331**	**.0000354**	**-.000044**	**-.002540**	**.0001320**	**.0000516**
Stddev	.0011243	.0001587	.000095	.009435	.0002325	.0000426
%RSD	11.67106	448.1519	216.9809	371.4122	176.2084	82.50258
#1	.0092249	-.000136	.000026	-.003524	.0001407	.0000249
#2	.0109045	.000177	-.000152	-.011445	-.000105	.0000292
#3	.0087700	.000066	-.000006	.007348	.000360	.0001007

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0000271**	**-.003795**	**-.000004**	**-.023801**	**-.000154**	**-.000213**
Stddev	.0005663	.012429	.000674	.014429	.000216	.000259
%RSD	2088.273	327.5064	18269.20	60.62349	140.6569	121.7208
#1	-.000140	-.008726	.000006	-.025247	.000094	-.000472
#2	.000658	.010343	.000665	-.037451	-.000304	-.000213
#3	-.000437	-.013002	-.000682	-.008703	-.000252	.000046

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F **1.016998**	**.0003215**	**.0000207**	F **1.007121**	**-.000216**	**.0003494**
Stddev	.067981	.0034118	.0001976	.088118	.000310	.0002535
%RSD	6.684451	1061.059	955.9905	8.749506	143.4999	72.53019
#1	.941148	.0019124	.0002252	.952923	.000052	.0004044
#2	1.037418	-.003595	-.000169	.959642	-.000144	.0005709
#3	1.072429	.002647	.000006	1.108797	-.000556	.0000730

Reviewed By:jaswal
On:10/28/2025 3:14:16 PM
Inst Id :P4
LB :LB137630

Sample Name: CCB10 Acquired: 10/23/2025 21:34:06 Type: Unk
Method: 6010-200.7 NEW(v307) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCB10 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.006258	-.000416	.0027100	-.003954	F .0142628	F .0190451
Stddev	.000398	.001389	.0106578	.000866	.0024892	.0010474
%RSD	6.354903	333.5734	393.2759	21.89499	17.45251	5.499526
#1	-.005812	-.001586	-.005110	-.002955	.0158711	.0180676
#2	-.006576	-.000783	.014850	-.004454	.0113956	.0189171
#3	-.006386	.001119	-.001609	-.004454	.0155217	.0201506

Elem	Sr4077
Units	ppm
Avg	.0000812
Stddev	.0001164
%RSD	143.2914
#1	-.000053
#2	.000158
#3	.000139

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6665.617	92302.34	5412.627	5134.301	7972.800
Stddev	8.831	392.09	11.499	15.818	16.759
%RSD	.1324901	.4247915	.2124504	.3080786	.2101982
#1	6664.554	92521.94	5407.438	5143.081	7959.913
#2	6657.365	92535.43	5404.637	5143.780	7966.741
#3	6674.932	91849.66	5425.807	5116.040	7991.746

Sample Name: PB170225BL Acquired: 10/23/2025 21:38:19 Type: Unk
Method: 6010-200.7 NEW(v307) 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	**.0014030**	**.0039678**	**.0006724**	**.0034672**	**.0020160**	**-.021605**
Stddev	.0020316	.0026490	.0012855	.0028578	.0024637	.007537
%RSD	144.8100	66.76403	191.1899	82.42502	122.2060	34.88530
#1	.0028754	.0019810	-.000387	.0066453	-.000609	-.021339
#2	.0022483	.0069753	.000302	.0011086	.002380	-.014204
#3	-.000915	.0029470	.002102	.0026477	.004277	-.029271

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0081445**	**.0000997**	**-.000092**	**-.008642**	**.0000448**	**-.000073**
Stddev	.0002851	.0000237	.000017	.007197	.0003100	.000061
%RSD	3.500520	23.79020	18.52254	83.27224	691.2183	82.98602
#1	.0080494	.0001261	-.000074	-.011797	.0001153	-.000101
#2	.0084650	.0000932	-.000094	-.000407	-.000294	-.000116
#3	.0079191	.0000800	-.000108	-.013722	.000314	-.000004

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000167**	**-.004651**	**-.000017**	**-.040692**	**-.000300**	**-.000198**
Stddev	.000320	.008820	.000992	.048137	.000200	.000246
%RSD	191.8041	189.6541	5695.086	118.2962	66.69332	124.6393
#1	-.000520	-.014605	.000948	.014692	-.000107	-.000227
#2	-.000083	.002191	.000033	-.072461	-.000506	.000062
#3	.000103	-.001537	-.001034	-.064306	-.000287	-.000428

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.6093271**	**-.000664**	**-.000273**	**.6527595**	**-.005999**	**.0000853**
Stddev	.0375813	.005142	.000027	.0180475	.000745	.0003403
%RSD	6.167667	774.2202	9.752767	2.764802	12.41716	398.7253
#1	.5718555	-.006421	-.000261	.6507383	-.005626	-.000043
#2	.6091086	.000957	-.000255	.6358077	-.005515	-.000172
#3	.6470171	.003472	-.000304	.6717325	-.006857	.000471

Reviewed By:jaswal
On:10/28/2025 3:14:16 PM
Inst Id :P4
LB :LB137630

Sample Name: PB170225BL Acquired: 10/23/2025 21:38:19 Type: Unk
Method: 6010-200.7 NEW(v307) 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	-.005851	-.001178	.0262507	-.003813	F .0149079	.0076582
Stddev	.000122	.002719	.0167166	.000696	.0004753	.0019011
%RSD	2.091390	230.8199	63.68038	18.24929	3.188178	24.82465
#1	-.005991	.001185	.0131762	-.003108	.0153223	.0068667
#2	-.005768	-.000570	.0450858	-.003831	.0150123	.0098272
#3	-.005793	-.004149	.0204902	-.004499	.0143890	.0062807

Elem	Sr4077
Units	ppm
Avg	-.000249
Stddev	.000182
%RSD	73.08858
#1	-.000108
#2	-.000454
#3	-.000184

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6741.578	92316.38	5472.177	5146.073	8057.973
Stddev	8.303	668.32	17.840	19.391	21.043
%RSD	.1231547	.7239468	.3260084	.3768059	.2611499
#1	6735.328	92183.67	5472.929	5131.630	8041.431
#2	6750.998	93041.10	5453.973	5168.112	8081.658
#3	6738.406	91724.37	5489.629	5138.477	8050.829

Sample Name: PB170225BS Acquired: 10/23/2025 21:42:33 Type: Unk
Method: 6010-200.7 NEW(v307) 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	**.7718903**	**1.753476**	**.9500528**	**1.932087**	**.7696221**	**1.848597**
Stddev	.0018535	.040742	.0008004	.006857	.0012065	.009195
%RSD	.2401276	2.323524	.0842454	.3549255	.1567707	.4974018
#1	.7717403	1.799393	.9493114	1.936217	.7690864	1.851643
#2	.7738143	1.721648	.9509014	1.924172	.7687762	1.838266
#3	.7701164	1.739387	.9499457	1.935874	.7710037	1.855883

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1836651**	**.2076023**	**.1890495**	**.9727898**	**.3701113**	**.1902879**
Stddev	.0044188	.0004289	.0000902	.0048522	.0001908	.0001800
%RSD	2.405915	.2066136	.0477153	.4987891	.0515510	.0946046
#1	.1858648	.2072631	.1891040	.9770105	.3699834	.1902488
#2	.1865524	.2080845	.1890991	.9738704	.3703306	.1904842
#3	.1785781	.2074594	.1889454	.9674884	.3700199	.1901306

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3029205**	**2.602912**	**.1943475**	**1.998222**	**.4786104**	**.0716761**
Stddev	.0006404	.019902	.0008287	.016111	.0006571	.0008061
%RSD	.2113917	.7645921	.4263805	.8062852	.1372953	1.124683
#1	.3022392	2.625477	.1938837	2.000612	.4780864	.0716412
#2	.3035100	2.587860	.1953042	2.013005	.4783972	.0708880
#3	.3030122	2.595401	.1938546	1.981049	.4793477	.0724992

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.798436**	**.2806480**	**.1991396**	**8.777918**	**.3293840**	**.3866805**
Stddev	.014155	.0020931	.0014028	.060942	.0013720	.0005904
%RSD	.5058021	.7457971	.7044389	.6942685	.4165253	.1526951
#1	2.784381	.2816054	.2006981	8.810163	.3282185	.3871296
#2	2.812688	.2782475	.1979779	8.707627	.3308960	.3860117
#3	2.798238	.2820912	.1987429	8.815963	.3290374	.3869001

Sample Name: PB170225BS Acquired: 10/23/2025 21:42:33 Type: Unk
Method: 6010-200.7 NEW(v307) 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	.6703522	.1852662	.7626297	5.835850	F .0115700	.1888692
Stddev	.0007746	.0026357	.0110770	.027417	.0021093	.0021686
%RSD	.1155441	1.422672	1.452477	.4698075	18.23105	1.148218
#1	.6707628	.1837518	.7650396	5.839897	.0119187	.1871078
#2	.6694587	.1837372	.7723034	5.806635	.0134831	.1912913
#3	.6708349	.1883097	.7505461	5.861019	.0093080	.1882084

Elem	Sr4077
Units	ppm
Avg	.1821114
Stddev	.0008461
%RSD	.4646229
#1	.1824918
#2	.1827005
#3	.1811418

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6764.183	93278.68	5402.104	5302.974	7752.452
Stddev	8.176	223.74	16.812	20.294	7.151
%RSD	.1208697	.2398644	.3112171	.3826970	.0922358
#1	6772.377	93525.33	5421.038	5289.899	7756.143
#2	6756.025	93221.93	5396.351	5326.353	7744.211
#3	6764.148	93088.77	5388.923	5292.669	7757.004

Reviewed By:jaswal
On:10/28/2025 3:14:16 PM
Inst Id :P4
LB :LB137630

Sample Name: Q3417-01 Acquired: 10/23/2025 21:46:34 Type: Unk
Method: 6010-200.7 NEW(v307) 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	**.4009329**	**-.742825**	**-.054122**	**.8842752**	**.2040661**	**.5166022**	**-.017316**
Stddev	.0039371	.019685	.000397	.0022177	.0051091	.0100186	.001131
%RSD	.9819790	2.649955	.7331337	.2507914	2.503666	1.939327	6.532526
#1	.3964487	-.750454	-.054080	.8853633	.2099585	.5244234	-.017313
#2	.4038226	-.720468	-.054538	.8817236	.2013700	.5053096	-.016187
#3	.4025274	-.757554	-.053748	.8857386	.2008697	.5200738	-.018449

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0027653**	**-.000265**	**2.905974**	**.0012808**	**.0111937**	**.0397034**	**29.93634**
Stddev	.0000404	.000034	.019825	.0001366	.0000986	.0007679	.17897
%RSD	1.459415	12.81216	.6822025	10.66748	.8812799	1.934150	.5978454
#1	.0028105	-.000238	2.922708	.0011466	.0110856	.0388754	30.11140
#2	.0027328	-.000303	2.884079	.0012760	.0112789	.0398427	29.75370
#3	.0027527	-.000253	2.911134	.0014197	.0112166	.0403922	29.94393

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.6212994**	**.4862173**	**.0266102**	**-.000504**	**13.08633**	**-.000971**	**.1742641**
Stddev	.0032354	.0186230	.0003745	.000131	.11806	.000428	.0006202
%RSD	.5207508	3.830174	1.407264	26.01005	.9021427	44.11179	.3559141
#1	.6233709	.4674391	.0264361	-.000363	13.21327	-.001118	.1749489
#2	.6175711	.4865317	.0263546	-.000621	13.06588	-.001306	.1737400
#3	.6229562	.5046810	.0270401	-.000527	12.97983	-.000488	.1741035

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**37.48331**	**.1508930**	**.0041333**	**.2511212**	**.0025485**	**.6707952**	**3.140088**
Stddev	.19251	.0005970	.0001817	.0012570	.0031126	.0305208	.015825
%RSD	.5135980	.3956354	4.395914	.5005534	122.1312	4.549948	.5039825
#1	37.70558	.1506568	.0042095	.2500467	.0038917	.7057259	3.128389
#2	37.36932	.1504502	.0039260	.2525035	-.001010	.6492795	3.133781
#3	37.37504	.1515719	.0042646	.2508133	.004764	.6573801	3.158095

Reviewed By:jaswal
On:10/28/2025 3:14:16 PM
Inst Id :P4
LB :LB137630

Sample Name: Q3417-01 Acquired: 10/23/2025 21:46:34 Type: Unk
Method: 6010-200.7 NEW(v307) 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	**8.173823**	**-.005931**	**-.018992**
Stddev	.052413	.003482	.000260
%RSD	.6412356	58.71714	1.367194
#1	8.159795	-.004690	-.019210
#2	8.129851	-.003239	-.018705
#3	8.231823	-.009863	-.019060

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6362.615**	**85594.83**	**5674.807**	**5018.774**	**7367.527**
Stddev	19.704	626.76	34.452	62.716	24.126
%RSD	.3096867	.7322365	.6070981	1.249636	.3274668
#1	6385.270	84871.93	5635.796	4947.395	7395.025
#2	6353.113	85926.49	5701.059	5043.872	7357.645
#3	6349.463	85986.06	5687.568	5065.054	7349.910

Sample Name: Q3420-05 Acquired: 10/23/2025 21:50:33 Type: Unk
Method: 6010-200.7 NEW(v307) 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	.1093912	.0046261	.0033770	1.035645	.0070462	4.724854
Stddev	.0017880	.0029330	.0017865	.009296	.0018342	.021225
%RSD	1.634486	63.40186	52.90219	.8975607	26.03094	.4492247
#1	.1109287	.0047757	.0053527	1.046065	.0078842	4.748628
#2	.1098157	.0074815	.0029032	1.028205	.0083116	4.707808
#3	.1074291	.0016211	.0018752	1.032664	.0049426	4.718127

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0141942	.0000403	.0004740	1.977061	.0340575	.0027011
Stddev	.0020253	.0000511	.0000943	.011998	.0006501	.0003149
%RSD	14.26830	126.8481	19.90257	.6068824	1.908938	11.65993
#1	.0157790	-.000010	.0005818	1.990799	.0337745	.0030471
#2	.0148910	.000092	.0004331	1.968638	.0348012	.0026248
#3	.0119125	.000039	.0004070	1.971745	.0335969	.0024312

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0165222	1.022112	.0213814	1.501897	.0340263	.0017840
Stddev	.0003386	.017797	.0007682	.074587	.0002606	.0005430
%RSD	2.049112	1.741182	3.592604	4.966170	.7657654	30.43578
#1	.0161457	1.014596	.0221276	1.422304	.0341379	.0016618
#2	.0166195	1.042434	.0205931	1.570188	.0337285	.0013125
#3	.0168015	1.009307	.0214236	1.513200	.0342124	.0023777

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 5731.994	.0035423	.5582056	36.74165	F 13.69936	.0526533
Stddev	96.364	.0030186	.0019157	3.82434	.11034	.0009533
%RSD	1.681153	85.21731	.3431975	10.40872	.8054569	1.810597
#1	5822.521	.0004197	.5562408	32.68554	13.82622	.0523476
#2	5742.764	.0037622	.5583078	37.25760	13.62568	.0518903
#3	5630.698	.0064449	.5600683	40.28182	13.64619	.0537220

Sample Name: Q3420-05 Acquired: 10/23/2025 21:50:33 Type: Unk
Method: 6010-200.7 NEW(v307) 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	-.014456	.1115517	F 27.67466	.3267761	F 1747.521	.0262541
Stddev	.000636	.0201877	.16286	.0025231	13.107	.0045747
%RSD	4.397772	18.09715	.5884803	.7721226	.7500512	17.42465
#1	-.014532	.1047752	27.83416	.3270741	1755.613	.0209992
#2	-.015050	.0956241	27.50863	.3241173	1754.551	.0293475
#3	-.013786	.1342558	27.68120	.3291371	1732.398	.0284156

Elem	Sr4077
Units	ppm
Avg	.0182643
Stddev	.0001168
%RSD	.6394354
#1	.0182173
#2	.0181784
#3	.0183973

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4769.942	65614.27	5530.898	3659.101	4600.602
Stddev	28.048	722.80	74.797	23.761	29.038
%RSD	.5880192	1.101587	1.352354	.6493694	.6311680
#1	4761.518	65435.74	5461.178	3655.685	4590.437
#2	4801.237	64997.46	5521.612	3637.232	4633.355
#3	4747.072	66409.60	5609.905	3684.385	4578.014

Sample Name: Q3420-05DUP Acquired: 10/23/2025 21:55:03 Type: Unk
Method: 6010-200.7 NEW(v307) 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	.1135342	.0112915	.0033140	1.052920	.0101818	5.013305
Stddev	.0042293	.0033399	.0005498	.013291	.0024304	.019671
%RSD	3.725175	29.57879	16.59011	1.262332	23.87027	.3923725
#1	.1114437	.0111880	.0027798	1.053112	.0089397	4.990715
#2	.1107572	.0080046	.0032841	1.039533	.0086235	5.022553
#3	.1184017	.0146819	.0038781	1.066114	.0129823	5.026648

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0159391	.0001645	.0005112	2.100816	.0366904	.0028113
Stddev	.0034206	.0000280	.0000661	.018545	.0008138	.0002471
%RSD	21.46019	17.01541	12.93712	.8827567	2.218160	8.787655
#1	.0196875	.0001786	.0004963	2.095061	.0373508	.0029432
#2	.0151430	.0001827	.0004539	2.085831	.0369393	.0025263
#3	.0129868	.0001323	.0005836	2.121557	.0357812	.0029645

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0175492	1.122793	.0231289	1.575468	.0356892	.0022731
Stddev	.0004968	.012662	.0004836	.026279	.0009237	.0007728
%RSD	2.830689	1.127703	2.091066	1.668007	2.588108	33.99852
#1	.0169856	1.108302	.0230222	1.595341	.0349881	.0022563
#2	.0177387	1.131718	.0236570	1.585392	.0353437	.0030543
#3	.0179234	1.128359	.0227076	1.545673	.0367358	.0015089

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 5506.415	.0053450	.5808013	69.79438	F 13.91255	.0546354
Stddev	111.100	.0012374	.0004673	3.57856	.16068	.0014678
%RSD	2.017650	23.15123	.0804620	5.127284	1.154943	2.686622
#1	5634.313	.0049745	.5811212	65.84197	14.09799	.0545741
#2	5451.124	.0067254	.5810177	70.72659	13.81461	.0531992
#3	5433.809	.0043352	.5802650	72.81458	13.82505	.0561329

Sample Name: Q3420-05DUP Acquired: 10/23/2025 21:55:03 Type: Unk
Method: 6010-200.7 NEW(v307) 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	-.015435	.1007348	F 33.66626	.3433124	F 1870.979	.0415231
Stddev	.000696	.0004985	.95233	.0076384	65.197	.0052202
%RSD	4.506822	.4948947	2.828724	2.224902	3.484622	12.57173
#1	-.016163	.1007765	32.60010	.3404538	1863.341	.0356824
#2	-.015364	.1002168	33.96612	.3375156	1809.938	.0457337
#3	-.014777	.1012112	34.43257	.3519677	1939.659	.0431532

Elem	Sr4077
Units	ppm
Avg	.0190619
Stddev	.0000431
%RSD	.2260284
#1	.0190162
#2	.0190677
#3	.0191018

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4588.743	62348.42	5415.236	3482.666	4422.360
Stddev	113.319	412.14	73.414	23.206	112.840
%RSD	2.469507	.6610346	1.355692	.6663291	2.551571
#1	4620.032	62283.63	5332.275	3455.907	4460.327
#2	4683.130	61972.50	5441.628	3494.823	4511.320
#3	4463.066	62789.12	5471.805	3497.268	4295.434

Reviewed By:jaswal
On:10/28/2025 3:14:16 PM
Inst Id :P4
LB :LB137630

Sample Name: Q3420-05LX5 Acquired: 10/23/2025 21:59:32 Type: Unk
Method: 6010-200.7 NEW(v307) 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	**.0217924**	**.0093110**	**.0001697**	**.1892004**	**.0046364**	**.8998312**
Stddev	.0008564	.0004069	.0003822	.0015731	.0019991	.0030482
%RSD	3.929894	4.369672	225.2348	.8314179	43.11671	.3387541
#1	.0227644	.0090898	.0003164	.1876940	.0041382	.8964875
#2	.0214640	.0090627	-.000264	.1908325	.0068375	.9005513
#3	.0211488	.0097805	.000457	.1890748	.0029336	.9024549

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0107487**	**.0001515**	**-.000012**	**.4179054**	**.0074673**	**.0005994**
Stddev	.0007124	.0000822	.000023	.0116189	.0004986	.0001521
%RSD	6.627388	54.22021	192.4476	2.780264	6.676931	25.37907
#1	.0106126	.0000590	-.000009	.4085228	.0072160	.0004273
#2	.0115193	.0001798	-.000037	.4309017	.0080415	.0007160
#3	.0101142	.0002158	.000010	.4142917	.0071443	.0006547

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0038302**	**.1773965**	**.0038167**	**.3350432**	**.0071937**	**.0004817**
Stddev	.0000812	.0039710	.0006561	.0216185	.0003976	.0001852
%RSD	2.120037	2.238481	17.18899	6.452447	5.527248	38.44896
#1	.0038379	.1728112	.0030667	.3120467	.0073027	.0006021
#2	.0037454	.1797057	.0040992	.3549515	.0067529	.0005746
#3	.0039073	.1796725	.0042841	.3381316	.0075254	.0002684

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1694.803**	**-.001232**	**.1010266**	**22.02225**	**3.478153**	**.0103847**
Stddev	17.699	.003931	.0002783	.99725	.037046	.0002517
%RSD	1.044339	319.1601	.2754462	4.528358	1.065094	2.423675
#1	1707.452	.003207	.1010020	21.02843	3.513373	.0100959
#2	1674.576	-.002630	.1013163	22.01544	3.481569	.0105012
#3	1702.380	-.004273	.1007614	23.02289	3.439518	.0105571

Sample Name: Q3420-05LX5 Acquired: 10/23/2025 21:59:32 Type: Unk
Method: 6010-200.7 NEW(v307) 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	-.006714	.0163101	F 10.13097	.0554945	F 528.1631	.0550553
Stddev	.000612	.0005844	.17272	.0002995	4.9664	.0026339
%RSD	9.111866	3.583232	1.704842	.5397700	.9403078	4.784071
#1	-.006425	.0168300	10.31224	.0556492	522.5097	.0522249
#2	-.007417	.0164227	10.11235	.0556851	530.1563	.0574343
#3	-.006300	.0156775	9.96831	.0551493	531.8231	.0555067

Elem	Sr4077
Units	ppm
Avg	.0036114
Stddev	.0001697
%RSD	4.698841
#1	.0035180
#2	.0035088
#3	.0038072

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6111.008	80212.35	5689.590	4716.988	6121.646
Stddev	27.078	676.78	22.514	38.529	24.403
%RSD	.4430940	.8437372	.3957085	.8168034	.3986314
#1	6141.744	80986.82	5697.593	4761.044	6149.454
#2	6100.606	79915.52	5664.168	4689.600	6111.687
#3	6090.674	79734.70	5707.010	4700.320	6103.799

Sample Name: Q3420-05MS Acquired: 10/23/2025 22:03:49 Type: Unk
Method: 6010-200.7 NEW(v307) 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	1.014862	1.658886	.9456926	3.361223	.8519581	5.111729
Stddev	.011884	.094870	.0099313	.040636	.0113972	.024933
%RSD	1.170970	5.718909	1.050163	1.208964	1.337768	.4877609
#1	1.027468	1.759723	.9552378	3.407234	.8623439	5.117006
#2	1.013256	1.571396	.9464243	3.346183	.8537651	5.084580
#3	1.003864	1.645538	.9354157	3.330250	.8397653	5.133601

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2001938	.1708858	.2117525	2.699802	.4013116	.2037746
Stddev	.0035776	.0033674	.0024567	.032988	.0012519	.0022191
%RSD	1.787055	1.970570	1.160189	1.221871	.3119496	1.089007
#1	.2042254	.1701762	.2144118	2.735498	.4027457	.2061088
#2	.1973977	.1679297	.2112780	2.670441	.4004376	.2035230
#3	.1989585	.1745515	.2095676	2.693467	.4007513	.2016920

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2835522	4.403512	.2024456	3.282504	.5413322	.0892305
Stddev	.0032628	.072415	.0021354	.073704	.0066573	.0003516
%RSD	1.150697	1.644479	1.054784	2.245362	1.229804	.3939760
#1	.2870942	4.480109	.2047839	3.330239	.5474739	.0888860
#2	.2828931	4.394259	.2005988	3.197617	.5422651	.0895887
#3	.2806692	4.336169	.2019542	3.319655	.5342576	.0892167

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 5442.616	.2848038	.7728953	78.98297	F 14.08696	.4431910
Stddev	30.871	.0051691	.0040461	1.81950	.27878	.0049205
%RSD	.5672116	1.814973	.5235026	2.303665	1.979027	1.110252
#1	5476.596	.2866146	.7731470	76.92561	14.03934	.4483775
#2	5434.957	.2789729	.7687291	79.64280	13.83506	.4426072
#3	5416.296	.2888239	.7768097	80.38049	14.38649	.4385885

Sample Name: Q3420-05MS Acquired: 10/23/2025 22:03:49 Type: Unk
Method: 6010-200.7 NEW(v307) 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	.6995680	.2514586	F 29.14258	7.994301	F 1787.424	.3120258
Stddev	.0076030	.0026250	.53526	.122917	47.221	.0027557
%RSD	1.086820	1.043928	1.836678	1.537563	2.641836	.8831700
#1	.7081223	.2507221	28.58358	8.131587	1838.716	.3118626
#2	.6970009	.2492805	29.19373	7.956853	1745.756	.3093553
#3	.6935809	.2543733	29.65042	7.894463	1777.801	.3148595

Elem	Sr4077
Units	ppm
Avg	.1942999
Stddev	.0013406
%RSD	.6899662
#1	.1952380
#2	.1927644
#3	.1948971

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4719.757	62481.00	5184.131	3549.302	4556.700
Stddev	45.778	167.52	79.610	14.766	43.389
%RSD	.9699282	.2681077	1.535646	.4160173	.9522116
#1	4673.871	62305.77	5197.696	3534.387	4513.747
#2	4719.975	62497.67	5256.087	3563.914	4555.838
#3	4765.427	62639.56	5098.610	3549.606	4600.513

Sample Name: Q3420-05MSD Acquired: 10/23/2025 22:08:05 Type: Unk
Method: 6010-200.7 NEW(v307) 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	**1.006510**	**1.636672**	**.9506267**	**3.286150**	**.8451528**	**5.215132**
Stddev	.011581	.073223	.0062459	.032816	.0121679	.003285
%RSD	1.150584	4.473911	.6570295	.9986215	1.439723	.0629813
#1	.993150	1.684061	.9434256	3.248830	.8311113	5.214182
#2	1.012700	1.673618	.9545719	3.310492	.8526013	5.212427
#3	1.013681	1.552336	.9538827	3.299129	.8517459	5.218787

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1885427**	**.1653149**	**.2117672**	**2.596409**	**.3898193**	**.2033368**
Stddev	.0019737	.0014639	.0017009	.016658	.0014240	.0014775
%RSD	1.046829	.8855329	.8031687	.6415806	.3653079	.7266240
#1	.1900448	.1644540	.2098033	2.608935	.3886612	.2016338
#2	.1863073	.1644856	.2127590	2.577504	.3893874	.2041005
#3	.1892761	.1670052	.2127393	2.602788	.3914093	.2042762

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2835182**	**4.263174**	**.1938231**	**3.109136**	**.5395223**	**.0867150**
Stddev	.0022337	.061839	.0013348	.024975	.0045526	.0004584
%RSD	.7878593	1.450532	.6886823	.8032842	.8438240	.5286344
#1	.2809476	4.320745	.1953639	3.122999	.5342992	.0870897
#2	.2849868	4.270971	.1930186	3.080304	.5416182	.0862038
#3	.2846203	4.197807	.1930868	3.124105	.5426495	.0868514

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F **4875.044**	**.2746487**	**.7510354**	**80.28639**	F **13.67012**	**.4377567**
Stddev	17.697	.0020590	.0026981	2.67750	.11844	.0034156
%RSD	.3630158	.7496974	.3592494	3.334942	.8664242	.7802603
#1	4891.625	.2743292	.7499829	77.40544	13.59691	.4338973
#2	4856.410	.2768488	.7490222	80.75519	13.60668	.4389831
#3	4877.097	.2727681	.7541012	82.69853	13.80677	.4403899

Sample Name: Q3420-05MSD Acquired: 10/23/2025 22:08:05 Type: Unk
Method: 6010-200.7 NEW(v307) 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	.7063474	.2486285	F 30.41935	8.038661	F 1832.516	.2942177
Stddev	.0032760	.0017144	.55744	.071263	14.908	.0025443
%RSD	.4637870	.6895325	1.832531	.8865007	.8135153	.8647536
#1	.7025673	.2481494	29.84801	7.958618	1838.861	.2917960
#2	.7081147	.2505315	30.44828	8.095211	1843.203	.2939880
#3	.7083602	.2472047	30.96177	8.062153	1815.486	.2968690

Elem	Sr4077
Units	ppm
Avg	.1873986
Stddev	.0010617
%RSD	.5665244
#1	.1882906
#2	.1862243
#3	.1876810

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4722.432	63943.05	5330.799	3676.007	4534.134
Stddev	10.217	245.80	48.644	10.913	12.803
%RSD	.2163560	.3844059	.9125007	.2968769	.2823672
#1	4731.817	64165.60	5352.075	3679.088	4543.531
#2	4711.548	63984.32	5365.180	3685.050	4519.552
#3	4723.933	63679.23	5275.142	3663.885	4539.319

Sample Name: Q3420-05A Acquired: 10/23/2025 22:12:22 Type: Unk
Method: 6010-200.7 NEW(v307) 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	**1.025302**	**1.745047**	**.9805953**	**3.366772**	**.8604105**	**6.825560**
Stddev	.012891	.039381	.0096172	.027067	.0013044	.056953
%RSD	1.257315	2.256724	.9807492	.8039585	.1516051	.8344150
#1	1.010552	1.702090	.9695829	3.339760	.8589184	6.761211
#2	1.034412	1.753606	.9873411	3.393894	.8609790	6.869488
#3	1.030941	1.779444	.9848617	3.366663	.8613343	6.845982

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2137339**	**.1759655**	**.2182718**	**3.039061**	**.3974403**	**.2092151**
Stddev	.0013510	.0018100	.0026578	.020449	.0053606	.0014349
%RSD	.6321196	1.028609	1.217653	.6728803	1.348773	.6858483
#1	.2134311	.1779650	.2152122	3.022987	.3981461	.2076212
#2	.2152107	.1754926	.2200092	3.062078	.4024130	.2104038
#3	.2125600	.1744389	.2195939	3.032119	.3917618	.2096204

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2909687**	**4.672643**	**.2162532**	**3.372472**	**.5583565**	**.0911608**
Stddev	.0025789	.073624	.0023305	.040392	.0058643	.0013684
%RSD	.8863279	1.575630	1.077689	1.197697	1.050280	1.501113
#1	.2880163	4.602959	.2136005	3.326070	.5515889	.0911664
#2	.2927821	4.749658	.2179719	3.391588	.5619414	.0925264
#3	.2921076	4.665311	.2171871	3.399758	.5615391	.0897896

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F **5224.801**	**.3003814**	**.7942448**	**90.21021**	F **14.82813**	**.4473427**
Stddev	44.534	.0018611	.0098384	3.43071	.12747	.0043368
%RSD	.8523549	.6195782	1.238711	3.803019	.8596288	.9694679
#1	5245.690	.2982581	.7996139	86.25651	14.96622	.4424178
#2	5255.051	.3011566	.8002305	91.97265	14.80319	.4505908
#3	5173.663	.3017297	.7828899	92.40147	14.71497	.4490196

Reviewed By:jaswal
On:10/28/2025 3:14:16 PM
Inst Id :P4
LB :LB137630

Sample Name: Q3420-05A Acquired: 10/23/2025 22:12:22 Type: Unk
Method: 6010-200.7 NEW(v307) 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	.7355172	.2893553	F 32.71157	8.413389	F 1916.483	.3286953
Stddev	.0081318	.0070816	.38016	.100423	28.285	.0043139
%RSD	1.105596	2.447370	1.162156	1.193604	1.475905	1.312440
#1	.7262060	.2849753	32.31697	8.297455	1887.306	.3239055
#2	.7391231	.2975253	33.07542	8.473417	1918.359	.3322749
#3	.7412226	.2855653	32.74231	8.469294	1943.784	.3299056

Elem	Sr4077
Units	ppm
Avg	.2087009
Stddev	.0020200
%RSD	.9678906
#1	.2063685
#2	.2098686
#3	.2098657

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4592.314	62538.09	5090.588	3676.376	4379.143
Stddev	51.524	379.40	25.211	27.090	54.192
%RSD	1.121971	.6066642	.4952449	.7368771	1.237511
#1	4651.491	62556.18	5066.095	3666.291	4441.258
#2	4568.052	62149.97	5116.460	3655.775	4354.651
#3	4557.400	62908.11	5089.209	3707.063	4341.520

Reviewed By:jaswal
On:10/28/2025 3:14:16 PM
Inst Id :P4
LB :LB137630

Sample Name: Q3422-02 Acquired: 10/23/2025 22:16:40 Type: Unk
Method: 6010-200.7 NEW(v307) 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	**.0011658**	**.0006506**	**.0005600**	**.0048004**	**.0019923**	**-.000240**	**.0041697**
Stddev	.0006114	.0005554	.0015193	.0002376	.0010708	.025241	.0029324
%RSD	52.44133	85.36279	271.2922	4.948884	53.74783	10530.23	70.32557
#1	.0009674	.0000209	.0002539	.0045945	.0007571	-.006267	.0035025
#2	.0006783	.0008606	.0022091	.0047463	.0026586	.027469	.0073782
#3	.0018518	.0010704	-.000783	.0050603	.0025613	-.021922	.0016284

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000165**	**-.000134**	**.0404281**	**.0048519**	**-.000189**	**.0004370**	**.0158290**
Stddev	.000046	.000014	.0178528	.0003331	.000100	.0004819	.0041708
%RSD	27.91982	10.49371	44.15930	6.865765	53.07567	110.2821	26.34886
#1	-.000200	-.000123	.0431700	.0050107	-.000168	.0006333	.0152335
#2	-.000113	-.000150	.0213630	.0050758	-.000298	-.000112	.0202655
#3	-.000182	-.000130	.0567513	.0044691	-.000101	.000790	.0119880

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0023863**	**.0561210**	**.0003036**	**.0002809**	**5.064591**	**-.003045**	**.0020606**
Stddev	.0012755	.0329844	.0000433	.0005994	.214008	.003363	.0001795
%RSD	53.45204	58.77363	14.26336	213.3777	4.225568	110.4355	8.710489
#1	.0030327	.0294670	.0003515	.0006232	5.311315	.000658	.0021867
#2	.0009170	.0930094	.0002922	-.000411	4.929203	-.003884	.0018551
#3	.0032092	.0458866	.0002671	.000631	4.953255	-.005909	.0021399

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.611431**	**.2212817**	**.0004552**	**-.018542**	**-.001075**	**6.419370**	**.0008488**
Stddev	.129249	.0064012	.0003576	.000704	.001156	.086832	.0012030
%RSD	8.020742	2.892760	78.54644	3.794932	107.6036	1.352661	141.7398
#1	1.743611	.2139253	.0007668	-.019319	.000039	6.324175	.0004552
#2	1.605354	.2255820	.0005340	-.018360	-.002269	6.439703	.0021993
#3	1.485328	.2243378	.0000648	-.017947	-.000994	6.494231	-.000108

Reviewed By:jaswal
On:10/28/2025 3:14:16 PM
Inst Id :P4
LB :LB137630

Sample Name: Q3422-02 Acquired: 10/23/2025 22:16:40 Type: Unk
Method: 6010-200.7 NEW(v307) 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	.1609298	-.005614	.0001854
Stddev	.0077147	.002135	.0000276
%RSD	4.793831	38.02975	14.86758
#1	.1698319	-.005647	.0001862
#2	.1567626	-.003463	.0002126
#3	.1561949	-.007733	.0001575

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	7040.020	98581.12	5249.155	5619.125	8338.992
Stddev	36.142	673.29	73.967	58.990	40.337
%RSD	.5133796	.6829806	1.409131	1.049815	.4837101
#1	7040.447	99260.58	5329.062	5683.016	8333.222
#2	7003.666	98568.60	5183.079	5607.631	8301.852
#3	7075.946	97914.17	5235.325	5566.727	8381.903

Sample Name: CCV11 Acquired: 10/23/2025 22:20:51 Type: Unk
Method: 6010-200.7 NEW(v307) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCV11 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.979036**	F **4.437334**	**5.159392**	**4.941835**	**4.716715**	**9.496842**
Stddev	.004206	.218769	.003794	.018206	.004575	.047103
%RSD	.0844813	4.930187	.0735307	.3684058	.0970018	.4959900
#1	4.981874	4.526848	5.156886	4.960443	4.717866	9.468207
#2	4.974203	4.188004	5.157533	4.924059	4.720604	9.551207
#3	4.981031	4.597151	5.163757	4.941003	4.711674	9.471113

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**9.354333**	**.2682940**	**2.588988**	**24.32717**	**.9513972**	**2.493009**
Stddev	.021586	.0068579	.004276	.05537	.0065244	.002139
%RSD	.2307619	2.556119	.1651467	.2275949	.6857713	.0857815
#1	9.329428	.2734101	2.586250	24.30453	.9479274	2.491490
#2	9.365901	.2709705	2.586799	24.39027	.9473408	2.492083
#3	9.367670	.2605014	2.593915	24.28671	.9589233	2.495454

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.252638**	F **4.390929**	**2.416216**	**25.13728**	**2.525430**	**1.234824**
Stddev	.000638	.133932	.001455	.13014	.001628	.003754
%RSD	.0509174	3.050186	.0602277	.5177057	.0644716	.3040479
#1	1.251901	4.255277	2.414616	25.02509	2.525949	1.232865
#2	1.252998	4.394440	2.417460	25.27995	2.523605	1.232453
#3	1.253014	4.523071	2.416571	25.10679	2.526735	1.239152

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F **32.75698**	**2.406952**	**2.448863**	F **28.34598**	F **6.122526**	**4.867516**
Stddev	.62407	.015983	.010022	.90698	.174724	.004587
%RSD	1.905156	.6640546	.4092602	3.199675	2.853787	.0942453
#1	32.04166	2.400114	2.447808	27.38360	6.268922	4.867147
#2	33.03907	2.425216	2.439409	28.46940	6.169556	4.863125
#3	33.19020	2.395524	2.459370	29.18492	5.929101	4.872277

Sample Name: CCV11 Acquired: 10/23/2025 22:20:51 Type: Unk
Method: 6010-200.7 NEW(v307) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCV11 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**5.159774**	**4.730661**	F **7.352448**	**5.392457**	**5.265220**	F **4.495613**
Stddev	.016355	.021963	.135467	.037692	.051146	.015287
%RSD	.3169694	.4642755	1.842471	.6989808	.9713913	.3400383
#1	5.171505	4.716143	7.211537	5.420358	5.263448	4.490438
#2	5.141092	4.755929	7.364088	5.349578	5.214983	4.512815
#3	5.166726	4.719912	7.481720	5.407435	5.317229	4.483585

Elem	Sr4077
Units	ppm
Avg	**4.716730**
Stddev	.124754
%RSD	2.644926
#1	4.786203
#2	4.791280
#3	4.572706

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6755.498**	**92083.82**	**5151.477**	**5265.677**	**7216.599**
Stddev	38.482	597.30	139.583	38.594	37.437
%RSD	.5696460	.6486448	2.709566	.7329269	.5187586
#1	6794.959	92772.74	5052.584	5301.297	7249.777
#2	6753.461	91711.03	5090.703	5271.060	7224.008
#3	6718.075	91767.69	5311.143	5224.675	7176.012

Sample Name: CCB11 Acquired: 10/23/2025 22:24:53 Type: Unk
Method: 6010-200.7 NEW(v307) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCB11 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0013694**	**.0064014**	**.0008795**	**.0056165**	**.0045021**	**-.013459**
Stddev	.0012436	.0028814	.0003529	.0022839	.0017669	.022157
%RSD	90.81954	45.01250	40.12128	40.66398	39.24583	164.6227
#1	.0003514	.0092488	.0005458	.0033604	.0024729	.001950
#2	.0010011	.0064682	.0012489	.0055620	.0053333	-.038852
#3	.0027555	.0034871	.0008440	.0079272	.0057002	-.003476

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0109680**	**.0001126**	**-.000111**	**-.007951**	**.0000561**	**.0000498**
Stddev	.0028829	.0000502	.000014	.013219	.0001124	.0002341
%RSD	26.28442	44.56933	12.53143	166.2601	200.4152	469.9561
#1	.0112852	.0000819	-.000123	-.006105	.0000454	-.000212
#2	.0079396	.0001706	-.000096	-.021995	.0001734	.000238
#3	.0136791	.0000855	-.000114	.004248	-.000051	.000124

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000060**	**-.010862**	**-.000968**	**.0144659**	**-.000261**	**.0003957**
Stddev	.000079	.002539	.000214	.0315782	.000050	.0002115
%RSD	131.0051	23.37168	22.10524	218.2945	18.96675	53.44947
#1	-.000005	-.008082	-.001212	.0320409	-.000313	.0003120
#2	-.000151	-.011447	-.000810	-.021990	-.000214	.0006363
#3	-.000025	-.013057	-.000883	.033346	-.000258	.0002389

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F **10.43951**	**-.006457**	**-.000001**	F **6.455639**	F **.1839805**	**.0004782**
Stddev	.09511	.008091	.000051	.166026	.0028802	.0001319
%RSD	.9110384	125.3094	3969.660	2.571796	1.565511	27.57916
#1	10.33112	.002849	.000056	6.263934	.1867934	.0006114
#2	10.50901	-.010389	-.000041	6.552708	.1841107	.0004754
#3	10.47841	-.011830	-.000019	6.550276	.1810373	.0003477

Sample Name: CCB11 Acquired: 10/23/2025 22:24:53 Type: Unk
Method: 6010-200.7 NEW(v307) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCB11 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.006015	.0002238	F 1.689624	-.004941	F .5206118	F .0199411
Stddev	.000222	.0023878	.032000	.001495	.0164051	.0008923
%RSD	3.686345	1066.708	1.893922	30.25971	3.151122	4.474629
#1	-.005965	.0020793	1.726242	-.003761	.5027580	.0209713
#2	-.005822	.0010623	1.675597	-.006622	.5240560	.0194375
#3	-.006257	-.002470	1.667033	-.004440	.5350213	.0194144

Elem	Sr4077
Units	ppm
Avg	.0001182
Stddev	.0001840
%RSD	155.6377
#1	.0002755
#2	.0001634
#3	-.000084

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6802.032	92295.21	5329.198	5237.797	8040.620
Stddev	7.888	233.20	27.460	27.750	13.151
%RSD	.1159709	.2526625	.5152799	.5298037	.1635556
#1	6804.781	92118.77	5297.734	5230.903	8037.737
#2	6793.137	92559.59	5348.331	5268.344	8029.149
#3	6808.178	92207.27	5341.531	5214.143	8054.972

Reviewed By:jaswal
On:10/28/2025 3:14:16 PM
Inst Id :P4
LB :LB137630

Sample Name: Q3434-02 Acquired: 10/23/2025 22:29:05 Type: Unk
Method: 6010-200.7 NEW(v307) 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	.0165244	.0019628	.1439853	.0061103	.0089440	9.472177
Stddev	.0025778	.0046062	.0012446	.0022523	.0031667	.011381
%RSD	15.60015	234.6763	.8643910	36.86107	35.40565	.1201535
#1	.0185357	.0002460	.1445986	.0054943	.0067287	9.471479
#2	.0174191	.0071809	.1448043	.0042301	.0125711	9.483892
#3	.0136184	-.001538	.1425531	.0086066	.0075324	9.461162

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4688475	.0010372	.0020279	156.1064	.0895872	.0069908
Stddev	.0012257	.0000201	.0001188	.2757	.0004432	.0001195
%RSD	.2614349	1.942500	5.857233	.1766296	.4946594	1.709449
#1	.4674932	.0010158	.0018981	155.7894	.0897207	.0071114
#2	.4698808	.0010402	.0021310	156.2392	.0899482	.0069886
#3	.4691684	.0010557	.0020547	156.2906	.0890926	.0068724

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1063789	21.50913	1.132157	486.2875	.0324243	.0025946
Stddev	.0007346	.15582	.004972	.7965	.0007152	.0001431
%RSD	.6905219	.7244265	.4391490	.1637893	2.205804	5.515402
#1	.1072268	21.65006	1.126576	485.3853	.0331491	.0027598
#2	.1059344	21.53553	1.133781	486.8932	.0324048	.0025146
#3	.1059755	21.34180	1.136113	486.5841	.0317190	.0025093

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 3297.281	.0261408	.6071064	239.2718	1.752917	.0236575
Stddev	9.706	.0011231	.0025877	1.4904	.021315	.0000728
%RSD	.2943646	4.296285	.4262325	.6228898	1.215947	.3076919
#1	3307.127	.0268136	.6096815	240.5317	1.728840	.0236681
#2	3296.997	.0267645	.6071315	239.6573	1.760533	.0237244
#3	3287.721	.0248443	.6045063	237.6266	1.769377	.0235799

Reviewed By:jaswal
On:10/28/2025 3:14:16 PM
Inst Id :P4
LB :LB137630

Sample Name: Q3434-02 Acquired: 10/23/2025 22:29:05 Type: Unk
Method: 6010-200.7 NEW(v307) 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	-.001451	.2997391	F 28.45777	3.886871	F 393.9471	.0934182
Stddev	.000777	.0082263	.23932	.037336	3.8922	.0022826
%RSD	53.58321	2.744499	.8409784	.9605757	.9880108	2.443455
#1	-.000619	.2907428	28.56339	3.916452	397.5491	.0915928
#2	-.001575	.3015965	28.62611	3.899243	394.4740	.0926843
#3	-.002159	.3068778	28.18380	3.844920	389.8183	.0959775

Elem	Sr4077
Units	ppm
Avg	2.654110
Stddev	.004267
%RSD	.1607556
#1	2.650225
#2	2.658677
#3	2.653429

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5380.269	70003.56	5392.348	3998.649	5218.270
Stddev	32.410	162.90	66.381	6.923	32.050
%RSD	.6023770	.2326995	1.231017	.1731323	.6141802
#1	5343.649	70150.95	5465.545	3991.548	5183.901
#2	5391.899	69828.66	5375.448	3999.020	5223.567
#3	5405.259	70031.07	5336.051	4005.379	5247.340

Reviewed By:jaswal
On:10/28/2025 3:14:16 PM
Inst Id :P4
LB :LB137630

Sample Name: CCV12 Acquired: 10/23/2025 22:33:17 Type: Unk
Method: 6010-200.7 NEW(v307) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCV12 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.920354**	**4.547473**	**5.067913**	**4.929844**	**4.658810**	**9.285016**
Stddev	.005561	.124541	.006148	.008145	.007561	.044782
%RSD	.1130159	2.738697	.1213053	.1652106	.1622958	.4823060
#1	4.914003	4.429973	5.072743	4.923976	4.665417	9.335071
#2	4.922712	4.534418	5.070003	4.926412	4.660448	9.271228
#3	4.924347	4.678027	5.060993	4.939142	4.650564	9.248750

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**9.068187**	**.2577109**	**2.538972**	**23.73648**	**.9324803**	**2.442663**
Stddev	.064999	.0038078	.002360	.14059	.0005855	.002400
%RSD	.7167794	1.477532	.0929360	.5922982	.0627941	.0982707
#1	9.126013	.2616380	2.540041	23.85155	.9321144	2.442447
#2	9.080710	.2574597	2.540608	23.77811	.9321709	2.445164
#3	8.997837	.2540349	2.536267	23.57977	.9331557	2.440377

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.227620**	F **4.223935**	**2.348486**	**24.54782**	**2.471257**	**1.220650**
Stddev	.000975	.041755	.019983	.26701	.001856	.000520
%RSD	.0794222	.9885394	.8508676	1.087721	.0750849	.0426384
#1	1.228562	4.182083	2.363287	24.78725	2.472338	1.220564
#2	1.227684	4.224128	2.356416	24.59632	2.472318	1.221208
#3	1.226615	4.265593	2.325756	24.25988	2.469114	1.220178

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F **30.01656**	**2.360411**	**2.411184**	**27.03706**	F **5.810933**	**4.767264**
Stddev	.28200	.012720	.012093	.12490	.074497	.003451
%RSD	.9394880	.5389050	.5015339	.4619493	1.282016	.0723848
#1	30.34152	2.373931	2.419803	26.93735	5.888798	4.770125
#2	29.83597	2.348679	2.416389	26.99668	5.803666	4.768236
#3	29.87220	2.358625	2.397360	27.17715	5.740336	4.763432

Reviewed By:jaswal
On:10/28/2025 3:14:16 PM
Inst Id :P4
LB :LB137630

Sample Name: CCV12 Acquired: 10/23/2025 22:33:17 Type: Unk
Method: 6010-200.7 NEW(v307) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCV12 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**5.048927**	**4.597035**	**5.322137**	**5.330937**	**5.365503**	F **4.343334**
Stddev	.005143	.031291	.065067	.013777	.008005	.034683
%RSD	.1018658	.6806870	1.222581	.2584312	.1491993	.7985448
#1	5.051512	4.625984	5.253480	5.332203	5.356312	4.380095
#2	5.052265	4.601285	5.330039	5.316571	5.370953	4.338718
#3	5.043004	4.563836	5.382893	5.344038	5.369243	4.311190

Elem	Sr4077
Units	ppm
Avg	**4.635281**
Stddev	.030525
%RSD	.6585413
#1	4.640949
#2	4.602319
#3	4.662574

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6827.473**	**92302.30**	**5382.949**	**5287.293**	**7307.234**
Stddev	16.104	251.23	57.938	13.716	17.874
%RSD	.2358687	.2721771	1.076324	.2594195	.2446023
#1	6808.957	92450.82	5317.321	5282.811	7286.947
#2	6835.245	92443.85	5404.514	5276.377	7314.088
#3	6838.217	92012.24	5427.012	5302.689	7320.666

Sample Name: CCB12 Acquired: 10/23/2025 22:37:20 Type: Unk
Method: 6010-200.7 NEW(v307) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCB12 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0004704**	**.0041215**	**.0010612**	**.0034899**	**.0031013**	**-.017571**
Stddev	.0009170	.0009623	.0001755	.0014295	.0018232	.005946
%RSD	194.9171	23.34909	16.53601	40.96079	58.78852	33.83821
#1	.0006892	.0030835	.0010125	.0042605	.0051658	-.024260
#2	-.000536	.0049841	.0009153	.0043687	.0024258	-.015565
#3	.001258	.0042969	.0012560	.0018404	.0017122	-.012888

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0122584**	**.0000264**	**-.000074**	**.0186522**	**.0000751**	**-.000056**
Stddev	.0016951	.0000492	.000015	.0090793	.0000951	.000413
%RSD	13.82763	186.6593	19.54437	48.67663	126.5510	732.6887
#1	.0103124	.0000721	-.000082	.0125405	-.000032	-.000260
#2	.0130504	.0000328	-.000084	.0143311	.000151	-.000327
#3	.0134126	-.000026	-.000058	.0290849	.000106	.000419

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0005575**	**-.004611**	**.0002627**	**-.022185**	**-.000300**	**.0001307**
Stddev	.0000753	.002602	.0002965	.014875	.000206	.0001689
%RSD	13.51287	56.42892	112.8564	67.04932	68.54896	129.2606
#1	.0005098	-.001608	.0005079	-.017373	-.000504	.0000392
#2	.0006443	-.006200	.0003470	-.038870	-.000302	.0000273
#3	.0005182	-.006024	-.000067	-.010312	-.000093	.0003256

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F **7.480528**	**.0004734**	**-.000196**	F **4.644733**	F **.1358853**	**.0004375**
Stddev	.058634	.0047953	.000106	.059206	.0011267	.0002218
%RSD	.7838251	1012.917	54.26865	1.274701	.8291666	50.70481
#1	7.467919	-.004443	-.000274	4.621304	.1356389	.0005131
#2	7.429225	.005137	-.000075	4.600827	.1349022	.0006116
#3	7.544441	.000726	-.000239	4.712069	.1371148	.0001877

Sample Name: CCB12 Acquired: 10/23/2025 22:37:20 Type: Unk
Method: 6010-200.7 NEW(v307) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCB12 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.006089	-.000086	F .6349756	-.005261	F .3735760	F .0187746
Stddev	.000129	.001023	.0138509	.001119	.0087444	.0028447
%RSD	2.125599	1191.921	2.181328	21.26274	2.340721	15.15173
#1	-.006222	-.000478	.6388666	-.005723	.3828977	.0183962
#2	-.006083	-.000854	.6464649	-.003985	.3722759	.0161381
#3	-.005963	.001075	.6195953	-.006073	.3655546	.0217896

Elem	Sr4077
Units	ppm
Avg	-.000122
Stddev	.000054
%RSD	43.90704
#1	-.000182
#2	-.000106
#3	-.000078

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6813.999	91127.63	5141.907	5210.212	8063.486
Stddev	58.635	564.78	45.283	22.778	66.290
%RSD	.8605110	.6197643	.8806742	.4371767	.8220998
#1	6748.719	91753.89	5193.700	5233.660	7988.744
#2	6831.085	90972.02	5109.791	5208.806	8086.551
#3	6862.194	90656.96	5122.229	5188.170	8115.162

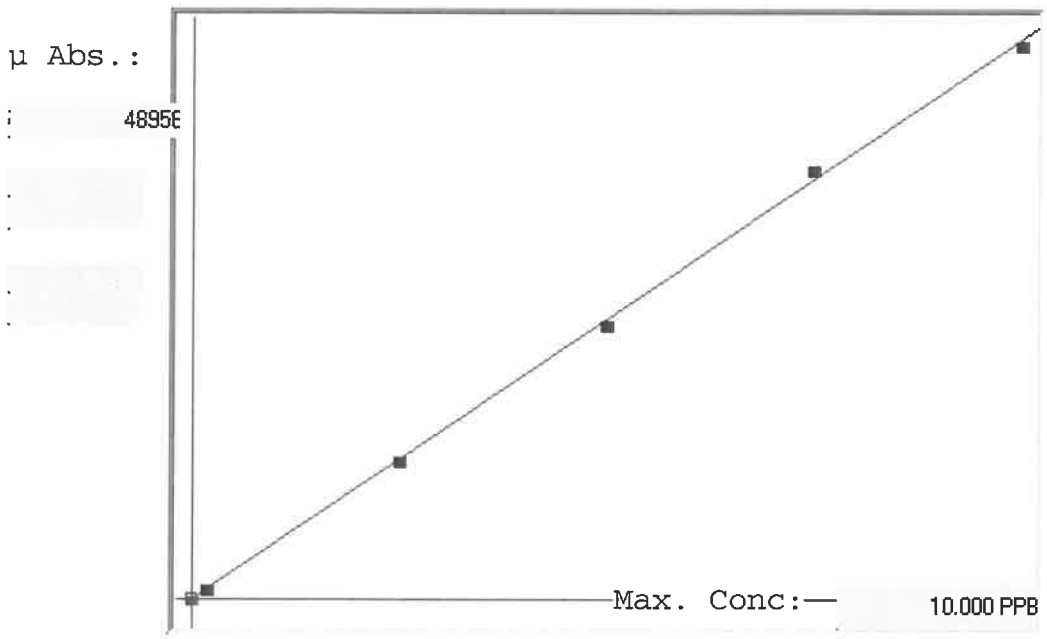
Reviewed By:mohan
On:10/27/2025 8:24:01 AM
Inst Id :CV1
LB :LB137626

LB137626

7471B

INSTRUMENT ID: CV1

Linear



A= 0.0000e+000

B= 2.0212e-004

C= 2.4743e-003

Rho= 0.9996944

Accept=Accepted

Std ID	Conc.	Calc.	Dev.	Mean	SD or %RSD	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5
0.0	0.000	0.011	0.011	41	0.000	41				
0.2	0.200	0.199	-0.001	973	0.0 %	973				
2.5	2.500	2.480	-0.020	12255	0.0 %	12255				
5.0	5.000	4.929	-0.071	24373	0.0 %	24373				
7.5	7.500	7.684	0.184	38004	0.0 %	38004				
10.0	10.000	9.898	-0.102	48956	0.0 %	48956				

Reviewed By:mohan
On:10/27/2025 8:24:01 AM
Inst Id :CV1
LB :LB137626

LB137626 INSTRUMENT ID : CV12

Method: 7471B Operator: Admin Date of Analysis: 23 Oct 2025 12:56:54

Type	Sample ID	Extended ID	Conc.	µ Abs.	Units	Type	Stnd Conc	Method	Date
S	0.0 - 1	S0	-	41	PPB	Std	0.0000	7471B	23 Oct 2025 13:31:53
S	0.2 - 1	S0-2	-	973	PPB	Std	0.2000	7471B	23 Oct 2025 13:34:21
S	2.5 - 1	S2-5	-	12255	PPB	Std	2.5000	7471B	23 Oct 2025 13:36:46
S	5.0 - 1	S5	-	24373	PPB	Std	5.0000	7471B	23 Oct 2025 13:39:04
S	7.5 - 1	S7-5	-	38004	PPB	Std	7.5000	7471B	23 Oct 2025 13:41:35
S	10.0 - 1	S10	-	48956	PPB	Std	10.0000	7471B	23 Oct 2025 13:47:44
U	ICV85 - 1	ICV85	4.2614	21071	PPB	SMPL		7471B	23 Oct 2025 13:51:32
U	ICB85 - 1	ICB85	0.1082	523	PPB	SMPL		7471B	23 Oct 2025 13:57:38
U	CCV79 - 1	CCV79	4.9378	24417	PPB	SMPL		7471B	23 Oct 2025 14:01:59
U	CCB79 - 1	CCB79	-0.0436	-228	PPB	SMPL		7471B	23 Oct 2025 14:05:17
U	CRA - 1	CRA	0.2000	977	PPB	SMPL		7471B	23 Oct 2025 14:07:54
U	HighStd - 1	HighStd	9.8611	48775	PPB	SMPL		7471B	23 Oct 2025 14:10:09
U	ChkStd - 1	ChkStd	6.9337	34292	PPB	SMPL		7471B	23 Oct 2025 14:12:24
U	PB170230BL - 1	PBS	-0.0565	-292	PPB	SMPL		7471B	23 Oct 2025 14:15:11
U	PB170230BS - 1	LCSS	3.6506	18049	PPB	SMPL		7471B	23 Oct 2025 14:20:34
U	Q3399-01 - 1	COMP-ROLLOFF	0.0546	258	PPB	SMPL		7471B	23 Oct 2025 14:22:53
U	Q3412-01 - 1	TP-6	0.9450	4663	PPB	SMPL		7471B	23 Oct 2025 14:25:29
U	Q3416-01 - 1	NB-08-10212025	0.0932	449	PPB	SMPL		7471B	23 Oct 2025 14:27:47
U	Q3419-01DUP - 1	PR-132-S16-015094-20251021DUP	19.7810	97853	PPB	SMPL		7471B	23 Oct 2025 14:32:22
U	CCV80 - 1	CCV80	4.9723	24588	PPB	SMPL		7471B	23 Oct 2025 14:35:08
U	CCB80 - 1	CCB80	-0.0507	-263	PPB	SMPL		7471B	23 Oct 2025 14:38:01
U	Q3419-02 - 1	Q3419-01MS	24.2730	120077	PPB	SMPL		7471B	23 Oct 2025 14:40:40
U	Q3419-03 - 1	Q3419-01MSD	26.0079	128660	PPB	SMPL		7471B	23 Oct 2025 14:42:56
U	Q3419-04 - 1	PR-132-S16-119133-20251021	37.6620	186318	PPB	SMPL		7471B	23 Oct 2025 14:45:51
U	Q3419-05 - 1	PR-132-S16-094119-20251021	57.1330	282650	PPB	SMPL		7471B	23 Oct 2025 14:48:47
U	Q3422-01 - 1	PR132-S15-000008-20251017	39.8696	197240	PPB	SMPL		7471B	23 Oct 2025 14:51:48
U	Q3424-01 - 1	PR132-DP3-20251021	62.2466	307949	PPB	SMPL		7471B	23 Oct 2025 14:54:53
U	Q3424-02 - 1	PR132-S11-010080-20251021	36.3475	179815	PPB	SMPL		7471B	23 Oct 2025 14:57:53
U	Q3424-03 - 1	PR132-S14-00094-20251021	42.7913	211695	PPB	SMPL		7471B	23 Oct 2025 15:01:02
U	Q3427-01 - 1	TP-8	0.0318	145	PPB	SMPL		7471B	23 Oct 2025 15:04:05
U	Q3431-01 - 1	EO-02-10222025	0.4918	2421	PPB	SMPL		7471B	23 Oct 2025 15:07:04
U	CCV81 - 1	CCV81	4.8646	24055	PPB	SMPL		7471B	23 Oct 2025 15:09:20
U	CCB81 - 1	CCB81	-0.0549	-284	PPB	SMPL		7471B	23 Oct 2025 15:11:35
U	Q3434-01 - 1	PR132-WC1-20251022	60.7390	300490	PPB	SMPL		7471B	23 Oct 2025 15:14:13
U	Q3439-01 - 1	TP-9	-0.0254	-138	PPB	SMPL		7471B	23 Oct 2025 15:16:28
U	Q3439-05 - 1	TP-10	0.0227	100	PPB	SMPL		7471B	23 Oct 2025 15:19:38
U	Q3419-01LX5 - 1		3.9397	19479	PPB	SMPL		7471B	23 Oct 2025 15:21:54
U	Q3419-01A - 1		23.1177	114361	PPB	SMPL		7471B	23 Oct 2025 15:24:10
U	Q3419-01 - 1	PR-132-S16-0150	18.5484	91755	PPB	SMPL		7471B	23 Oct 2025 15:26:45
U	CCV82 - 1	CCV82	5.0433	24939	PPB	SMPL		7471B	23 Oct 2025 15:29:41
U	CCB82 - 1	CCB82	-0.0533	-276	PPB	SMPL		7471B	23 Oct 2025 15:32:34
U	Q3419-01DUPDLX10 - 1		1.6379	8091	PPB	SMPL		7471B	23 Oct 2025 15:37:30
U	Q3419-02DLX10 - 1		2.3639	11683	PPB	SMPL		7471B	23 Oct 2025 15:39:48
U	Q3419-03DLX10 - 1		2.2006	10875	PPB	SMPL		7471B	23 Oct 2025 15:42:14
U	Q3419-04DLX10 - 1		4.0239	19896	PPB	SMPL		7471B	23 Oct 2025 15:44:38
U	Q3419-05DLX10 - 1		5.3806	26608	PPB	SMPL		7471B	23 Oct 2025 15:46:57
U	Q3422-01DLX10 - 1		4.0448	19999	PPB	SMPL		7471B	23 Oct 2025 15:49:19
U	Q3424-01DLX10 - 1		7.8874	39010	PPB	SMPL		7471B	23 Oct 2025 15:51:52
U	Q3424-02DLX10 - 1		8.9160	44099	PPB	SMPL		7471B	23 Oct 2025 15:54:18
U	Q3424-03DLX10 - 1		3.8752	19160	PPB	SMPL		7471B	23 Oct 2025 15:56:59
U	CCV83 - 1	CCV83	4.6813	23148	PPB	SMPL		7471B	23 Oct 2025 15:59:48
U	CCB83 - 1	CCB83	-0.0798	-407	PPB	SMPL		7471B	23 Oct 2025 16:02:25
U	Q3419-01DLX10 - 1		2.2824	11280	PPB	SMPL		7471B	23 Oct 2025 16:05:03
U	Q3434-01DLX10 - 1		7.0019	34629	PPB	SMPL		7471B	23 Oct 2025 16:07:19
U	Q3424-02DLX10 - 1		2.9701	14682	PPB	SMPL		7471B	23 Oct 2025 16:11:46
U	CCV84 - 1	CCV84	4.7136	23308	PPB	SMPL		7471B	23 Oct 2025 16:14:32
U	CCB84 - 1	CCB84	-0.0662	-340	PPB	SMPL		7471B	23 Oct 2025 16:16:52

Alliance TECHNICAL GROUP

Soil/Sludge Metals Preparation Sheet

PB170190

SOP ID : M3050B-Digestion-20

SDG No : N/A

Matrix : SOIL

Pippete ID: ICP A

Balance ID : M SC-2

Filter paper ID : N/A

pH Strip ID : N/A

Hood ID : #3

Block ID: 1. HOT BLOCK #2 2. N/A

Start Digest Date: 10/21/2025 **Time :** 14:05 **Temp :** 96 °C

End Digest Date: 10/21/2025 **Time :** 16:10 **Temp :** 96 °C

Digestion tube ID: M6054

Block thermometer ID: MET-DIG. #2

Dig Technician Signature: SLS

Supervisor Signature: MB

Temp : 1. 96°C 2. N/A

Standared Name	MLS USED	STD REF. # FROM LOG
LFS-1	1.00	M6209
LFS-2	1.00	M6201
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	MP86978
30% H2O2	3.00	M6170
Conc. HNO3	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#2 CELL#35 96 C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
10/21/25 17:18	SLS met dig	MB- metal Lab
	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

Soil/Sludge Metals Preparation Sheet

PB170190

Lab Sample ID	Client Sample ID	pH	Initial Weight (g)	Final Vol (ml)	Color Before	Color After	Texture	Artifact	Comment	Prep Pos
PB170190BL	PBS190	N/A	2.00	100	Colorless	Colorless	Fine	No	N/A	1
PB170190BS	LCS190	N/A	2.00	100	Colorless	Colorless	Fine	No	M6209,M6201	2
Q3399-01	COMP-ROLLOFF	N/A	2.41	100	Brown	Yellow	Medium	No	N/A	3
Q3405-01	PAD-10-20-25-A	N/A	2.44	100	Brown	Yellow	Medium	No	N/A	4
Q3405-02	PAD-10-20-25-B	N/A	2.18	100	Brown	Yellow	Medium	No	N/A	5
Q3405-03	PAD-10-20-25-C	N/A	2.31	100	Brown	Yellow	Medium	No	N/A	6
Q3405-04	SW-10-20-25-A	N/A	2.20	100	Brown	Yellow	Medium	No	N/A	7
Q3409-01	EXCAVATION-AREA-A	N/A	2.26	100	Brown	Yellow	Medium	No	N/A	8
Q3409-02	EXCAVATION-AREA-B	N/A	2.25	100	Brown	Yellow	Medium	No	N/A	9
Q3412-01	TP-6	N/A	2.44	100	Brown	Yellow	Medium	No	N/A	10
Q3412-01MS	TP-6MS	N/A	2.23	100	Brown	Yellow	Medium	No	M6209,M6201	12
Q3412-01MSD	TP-6MSD	N/A	2.29	100	Brown	Yellow	Medium	No	M6209,M6201	13
Q3412-01DUP	TP-6DUP	N/A	2.22	100	Brown	Yellow	Medium	No	N/A	11

WORKLIST(Hardcopy Internal Chain)

WorkList Name : PB170190 **WorkList ID :** 192590 **Department :** Digestion **Date :** 10-21-2025 13:18:24

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3399-01	COMP-ROLLOFF	Solid	Metals ICP-TAL	Cool 4 deg C	ICES02	D41	10/20/2025	6010D
Q3405-01	PAD-10-20-25-A	Solid	Metals Group3	Cool 4 deg C	PSEG03	D31	10/20/2025	6010D
Q3405-02	PAD-10-20-25-B	Solid	Metals Group3	Cool 4 deg C	PSEG03	D31	10/20/2025	6010D
Q3405-03	PAD-10-20-25-C	Solid	Metals Group3	Cool 4 deg C	PSEG03	D31	10/20/2025	6010D
Q3405-04	SW-10-20-25-A	Solid	Metals Group3	Cool 4 deg C	PSEG03	D31	10/20/2025	6010D
Q3409-01	EXCAVATION-AREA-A	Solid	Metals Group3	Cool 4 deg C	PSEG03	D41	10/20/2025	6010D
Q3409-02	EXCAVATION-AREA-B	Solid	Metals Group3	Cool 4 deg C	PSEG03	D41	10/20/2025	6010D
Q3412-01	TP-6	Solid	Metals ICP-TAL	Cool 4 deg C	PSEG03	D31	10/20/2025	6010D

Date/Time 10/21/25 13:45
Raw Sample Received by: SLS met div
Raw Sample Relinquished by: CP (SW)

Date/Time 10/21/25 14:45
Raw Sample Received by: CP (SW)
Raw Sample Relinquished by: SLS met div

Alliance TECHNICAL GROUP

Soil/Sludge Mercury Preparation Sheet

PB170230

SOP ID : M7471B-Mercury-19

SDG No : NA

Matrix : SOIL

Pippete ID: HG A

Balance ID : M SC-3

Filter paper ID : N/A

pH Strip ID : NA

Hood ID : #1

Block ID: 1. HG HOT BLOCK#3 2. N/A

Start Digest Date: 10/23/2025 **Time :** 10:22 **Temp :** 94 °C

End Digest Date: 10/23/2025 **Time :** 10:50 **Temp :** 94 °C

Digestion tube ID: M5595

Block thermometer ID: HG-DIG#3

Dig Technician Signature: MB

Supervisor Signature: [illegible]

Temp : 1. 94°C 2. N/A

Standared Name	MLS USED	STD REF. # FROM LOG
ICV	30mL	MP87709
CCV	30mL	MP87711
CRA	30mL	MP87713
Blank Spike	0.48mL	MP87702
Matrix Spike	0.48mL	MP87702

Chemical Used	ML/SAMPLE USED	Lot Number
AQUA REGIA	1.5Ml	MP87702
KMnO4 (5%)	4.5mL	MP87072
Hydroxylamine HCL (12%)	2.0Ml	MP87149
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	MP87703
0.05 ppb	S0.05	N/A	N/A
0.2 ppb	S0.2	30mL	MP87704
2.5 ppb	S2.5	30mL	MP87705
5.0 ppb	S5.0	30mL	MP87706
7.5 ppb	S7.5	30mL	MP87707
10.0 ppb	S10.0	30mL	MP87708
ICV	ICV	30mL	MP87709
ICB	ICB	30mL	MP87710
CCV	CCV	30mL	MP87711
CCB	CCB	30mL	MP87712
CRI	CRI	30mL	MP87713
CHK STD	CHK STD	30mL	MP87714

Extraction Conformance/Non-Conformance Comments:

N/A

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
10/23/25 [illegible]	MB- Dig Lab	MB- Metal Lab
11:15	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

Soil/Sludge Mercury Preparation Sheet

PB170230

Lab Sample ID	Client Sample ID	Initial Weight (g)	Final Vol (ml)	pH	Comment	Prep Pos
PB170230BL	PBS230	0.50	35	N/A	N/A	3-1
PB170230BS	LCS230	0.50	35	N/A	MP87702	2
Q3399-01	COMP-ROLLOFF	0.59	35	N/A	N/A	3
Q3412-01	TP-6	0.57	35	N/A	N/A	4
Q3416-01	NB-08-10212025	0.56	35	N/A	N/A	5
Q3419-01	PR-132-S16-015094-20251021	0.56	35	N/A	N/A	6
Q3419-01DUP	PR-132-S16-015094-20251021DUP	0.55	35	N/A	N/A	7
Q3419-02	Q3419-01MS	0.60	35	N/A	MP87702	8
Q3419-03	Q3419-01MSD	0.54	35	N/A	MP87702	9
Q3419-04	PR-132-S16-119133-20251021	0.53	35	N/A	N/A	10
Q3419-05	PR-132-S16-094119-20251021	0.57	35	N/A	N/A	11
Q3422-01	PR132-S15-000008-20251017	0.56	35	N/A	N/A	12
Q3424-01	PR132-DP3-20251021	0.57	35	N/A	N/A	13
Q3424-02	PR132-S11-010080-20251021	0.58	35	N/A	N/A	14
Q3424-03	PR132-S14-00094-20251021	0.56	35	N/A	N/A	15
Q3427-01	TP-8	0.50	35	N/A	N/A	16
Q3431-01	EO-02-10222025	0.56	35	N/A	N/A	17
Q3434-01	PR132-WC1-20251022	0.56	35	N/A	N/A	18
Q3439-01	TP-9	0.56	35	N/A	N/A	19
Q3439-05	TP-10	0.58	35	N/A	N/A	20

WORKLIST(Hardcopy Internal Chain)

WorkList Name : 102325_7471 **WorkList ID :** 192636 **Department :** Digestion **Date :** 10-23-2025 09:06:22

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3399-01	COMP-ROLLOFF	Solid	Mercury	Cool 4 deg C	ICES02	D41	10/20/2025	7471B
Q3412-01	TP-6	Solid	Mercury	Cool 4 deg C	PSEG03	D31	10/20/2025	7471B
Q3416-01	NB-08-10212025	Solid	Mercury	Cool 4 deg C	PSEG05	D31	10/21/2025	7471B
Q3419-01	PR-132-S16-015094-20251021	Solid	Mercury	Cool 4 deg C	AECO02	D41	10/21/2025	7471B
Q3419-02	Q3419-01MS	Solid	Mercury	Cool 4 deg C	AECO02	D41	10/21/2025	7471B
Q3419-03	Q3419-01MSD	Solid	Mercury	Cool 4 deg C	AECO02	D41	10/21/2025	7471B
Q3419-04	PR-132-S16-119133-20251021	Solid	Mercury	Cool 4 deg C	AECO02	D41	10/21/2025	7471B
Q3419-05	PR-132-S16-094119-20251021	Solid	Mercury	Cool 4 deg C	AECO02	D41	10/21/2025	7471B
Q3422-01	PR132-S15-000008-20251017	Solid	Mercury	Cool 4 deg C	AECO02	D41	10/21/2025	7471B
Q3424-01	PR132-DP3-20251021	Solid	Mercury	Cool 4 deg C	AECO02	D31	10/21/2025	7471B
Q3424-02	PR132-S11-010080-20251021	Solid	Mercury	Cool 4 deg C	AECO02	D31	10/21/2025	7471B
Q3424-03	PR132-S14-00094-20251021	Solid	Mercury	Cool 4 deg C	AECO02	D31	10/21/2025	7471B
Q3427-01	TP-8	Solid	Mercury	Cool 4 deg C	PSEG03	D41	10/21/2025	7471B
Q3431-01	EO-02-10222025	Solid	Mercury	Cool 4 deg C	PSEG05	D41	10/22/2025	7471B
Q3434-01	PR132-WC1-20251022	Solid	Mercury	Cool 4 deg C	AECO02	D41	10/22/2025	7471B
Q3439-01	TP-9	Solid	Mercury	Cool 4 deg C	PSEG03	D41	10/22/2025	7471B
Q3439-05	TP-10	Solid	Mercury	Cool 4 deg C	PSEG03	D41	10/23/2025	7471B

Date/Time 10/23/25 @ 9:50

Raw Sample Received by: MB - Dig. Lab

Raw Sample Relinquished by: MB - Dig Lab

Date/Time 10/23/25 @ 11:00

Raw Sample Received by: MB - Dig. Lab

Raw Sample Relinquished by: MB - Dig. Lab

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 10/22/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:15
In Date: 10/21/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:15
Out Date: 10/22/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC: LB137592

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
Q3399-01	COMP-ROLLOFF	13	1.15	10.96	12.11	11.00	89.9	
Q3401-01	41-CONCRETE	1	1.00	1.00	2.00	2.00	100.0	Concreate sample
Q3402-01	41-LA	2	1.15	10.90	12.05	8.69	69.2	
Q3402-02	41-LA-E2	3	1.13	10.64	11.77	10.2	85.2	
Q3402-04	41-RA	4	1.16	10.73	11.89	7.61	60.1	
Q3402-05	41-RA-E2	5	1.16	10.98	12.14	7.39	56.7	
Q3402-07	41-LB	6	1.16	10.77	11.93	8.26	65.9	
Q3402-08	41-LB-E2	7	1.16	10.95	12.11	6.22	46.2	
Q3402-10	41-RB	8	1.11	10.87	11.98	7.01	54.3	
Q3402-11	41-RB-E2	9	1.15	10.68	11.83	9.78	80.8	
Q3403-01	MH-18	10	1.19	10.49	11.68	10.75	91.1	
Q3403-02	MH-18-EPH	11	1.16	10.66	11.82	10.8	90.4	
Q3403-03	MH-18-VOC	12	1.19	11.37	12.56	11.59	91.5	
Q3404-01	MOO-25-0285-0288	14	1.15	10.74	11.89	10.22	84.5	
Q3404-03	MOO-25-0285-0288-E2	15	1.19	10.42	11.61	9.77	82.3	
Q3404-04	MOO-25-0292	16	1.18	10.22	11.4	10.5	91.2	
Q3404-07	MOO-25-0292-EPH-2	17	1.14	10.27	11.41	10.44	90.6	
Q3405-01	PAD-10-20-25-A	18	1.00	1.00	2.00	2.00	100.0	Concreate sample
Q3405-02	PAD-10-20-25-B	19	1.00	1.00	2.00	2.00	100.0	Concreate sample
Q3405-03	PAD-10-20-25-C	20	1.00	1.00	2.00	2.00	100.0	Concreate sample
Q3405-04	SW-10-20-25-A	21	1.00	1.00	2.00	2.00	100.0	Concreate sample
Q3406-01	ARS20-0037	22	1.18	11.19	12.37	11.24	89.9	
Q3406-03	ARS20-0037-E2	23	1.18	11.48	12.66	11.4	89.0	
Q3407-01	L35-A	24	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-02	L35-B	25	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-03	L36-A	26	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-04	L36-B	27	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-05	L37-A	28	1.00	1.00	2.00	2.00	100.0	PILC

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 10/22/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:15
In Date: 10/21/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:15
Out Date: 10/22/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC: LB137592

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
Q3407-06	L37-B	29	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-07	L38-A	30	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-08	L38-B	31	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-09	L39-A	32	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-10	L39-B	33	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-11	L40-A	34	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-12	L40-B	35	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-13	L41-A	36	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-14	L41-B	37	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-15	L42-A	38	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-16	L42-B	39	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-17	L43-A	40	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-18	L43-B	41	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-19	L44-A	42	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-20	L44-B	43	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-21	L45-A	44	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-22	L45-B	45	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-23	L46-A	46	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-24	L46-B	47	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-25	L47-A	48	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-26	L47-B	49	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-27	L48-A	50	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-28	L48-B	51	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-29	L49-A	52	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-30	L49-B	53	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-31	L50-A	54	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-32	L50-B	55	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-33	L51-A	56	1.00	1.00	2.00	2.00	100.0	PILC

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 10/22/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:15
In Date: 10/21/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:15
Out Date: 10/22/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC: LB137592

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
Q3407-34	L51-B	57	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-35	L52-A	58	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-36	L52-B	59	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-37	L53-A	60	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-38	L53-B	61	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-39	245F69-A	62	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-40	245F69-B	63	1.00	1.00	2.00	2.00	100.0	PILC
Q3408-01	ASPHALT-A	64	1.00	1.00	2.00	2.00	100.0	ASPHALT
Q3408-02	ASPHALT-B	65	1.00	1.00	2.00	2.00	100.0	ASPHALT
Q3408-03	ASPHALT-C	66	1.00	1.00	2.00	2.00	100.0	ASPHALT
Q3408-04	ASPHALT-D	67	1.00	1.00	2.00	2.00	100.0	ASPHALT
Q3409-01	EXCAVATION-AREA-A	68	1.00	1.00	2.00	2.00	100.0	Concreate sample
Q3409-02	EXCAVATION-AREA-B	69	1.00	1.00	2.00	2.00	100.0	Concreate sample
Q3410-01	WASTE	70	1.14	10.45	11.59	9.59	80.9	
Q3410-02	VOC	71	1.15	10.55	11.7	9.64	80.5	
Q3410-03	1	72	1.15	10.97	12.12	9.89	79.7	
Q3410-04	2	73	1.13	11.27	12.4	11.24	89.7	
Q3410-05	3	74	1.16	10.62	11.78	9.6	79.5	
Q3410-06	4	75	1.12	10.50	11.62	9.76	82.3	
Q3410-07	5	76	1.16	10.50	11.66	9.43	78.8	
Q3412-01	TP-6	77	1.14	10.81	11.95	10.84	89.7	
Q3412-02	TP-6-EPH	78	1.18	10.73	11.91	10.7	88.7	
Q3412-03	TP-6-VOC	79	1.15	10.52	11.67	10.38	87.7	
Q3413-01	BP-VPB-184-GW-980-982	80	1.14	11.55	12.69	2.00	7.4	sludge sample
Q3414-01	SB-1	81	1.13	10.12	11.25	11.17	99.2	
Q3414-02	SB-2	82	1.15	10.62	11.77	11.6	98.4	
Q3414-03	SB-3	83	1.13	10.53	11.66	11.4	97.5	
Q3414-04	SB-4	84	1.14	10.28	11.42	11.3	98.8	

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 10/22/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:15
In Date: 10/21/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:15
Out Date: 10/22/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC: LB137592

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
Q3414-05	SB-5	85	1.16	10.25	11.41	11.34	99.3	
Q3414-06	SB-6	86	1.18	10.36	11.54	11.49	99.5	
Q3414-07	SB-7	87	1.15	10.25	11.4	11.26	98.6	
Q3414-08	SB-8	88	1.19	10.25	11.44	11.14	97.1	
Q3414-09	SB-9	89	1.16	10.31	11.47	11.18	97.2	
Q3414-10	SB-10	90	1.14	10.55	11.69	11.6	99.1	
Q3414-11	SB-11	91	1.19	10.20	11.39	11.04	96.6	
Q3414-12	SB-12	92	1.18	10.10	11.28	10.9	96.2	
Q3414-13	SB-13	93	1.14	10.06	11.2	10.85	96.5	
Q3415-01	50841	94	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q3415-02	50842	95	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q3415-03	50843	96	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q3416-01	NB-08-10212025	97	1.15	10.52	11.67	11.02	93.8	
Q3416-02	NB-08-10212025-E2	98	1.18	10.92	12.1	11.43	93.9	

$$\% \text{ Solid} = \frac{(C-A) * 100}{(B-A)}$$

Q3399-METALS

WORKLIST(Hardcopy Internal Chain)

LM 137592

WorkList Name : %1-102125 **WorkList ID :** 192565 **Department :** Wet-Chemistry **Date :** 10-21-2025 08:08:50

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3399-01	COMP-ROLLOFF	Solid	Percent Solids	Cool 4 deg C	ICES02	D41	10/20/2025	Chemtech -SO
Q3401-01	41-CONCRETE	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3402-01	41-LA	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3402-02	41-LA-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3402-04	41-RA	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3402-05	41-RA-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3402-07	41-LB	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3402-08	41-LB-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3402-10	41-RB	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3402-11	41-RB-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3403-01	MH-18	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/20/2025	Chemtech -SO
Q3403-02	MH-18-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/20/2025	Chemtech -SO
Q3403-03	MH-18-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/20/2025	Chemtech -SO
Q3404-01	MOO-25-0285-0288	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/20/2025	Chemtech -SO
Q3404-03	MOO-25-0285-0288-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/20/2025	Chemtech -SO
Q3404-04	MOO-25-0292	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/20/2025	Chemtech -SO
Q3404-07	MOO-25-0292-EPH-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/20/2025	Chemtech -SO
Q3405-01	PAD-10-20-25-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3405-02	PAD-10-20-25-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3405-03	PAD-10-20-25-C	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3405-04	SW-10-20-25-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO

Date/Time 10/21/25 15:00

Raw Sample Received by: [signature]

Raw Sample Relinquished by: [signature]

Date/Time 10/21/25 1713

Raw Sample Received by: [signature]

Raw Sample Relinquished by: [signature]

Q3399-METALS

WORKLIST(Hardcopy Internal Chain)

WL 137592

WorkList Name : %1-102125 **WorkList ID :** 192565 **Department :** Wet-Chemistry **Date :** 10-21-2025 08:08:50

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3406-01	ARS20-0037	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/20/2025	Chemtech -SO
Q3406-03	ARS20-0037-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/20/2025	Chemtech -SO
Q3407-01	L35-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-02	L35-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-03	L36-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-04	L36-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-05	L37-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-06	L37-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-07	L38-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-08	L38-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-09	L39-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-10	L39-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-11	L40-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-12	L40-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-13	L41-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-14	L41-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-15	L42-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-16	L42-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-17	L43-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-18	L43-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-19	L44-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO

623 of 651

Date/Time 10/21/25 1500

Raw Sample Received by: SB WDC

Raw Sample Relinquished by:

Date/Time 10/21/25 1730

Raw Sample Received by:

Raw Sample Relinquished by: SB WDC

WORKLIST(Hardcopy Internal Chain)

VB 137592

WorkList Name : %1-102125 **WorkList ID :** 192565 **Department :** Wet-Chemistry **Date :** 10-21-2025 08:08:50

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3407-20	L44-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-21	L45-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-22	L45-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-23	L46-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-24	L46-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-25	L47-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-26	L47-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-27	L48-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-28	L48-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-29	L49-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-30	L49-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-31	L50-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-32	L50-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-33	L51-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-34	L51-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-35	L52-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-36	L52-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-37	L53-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-38	L53-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-39	245F69-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-40	245F69-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO

Date/Time 10/21/25 1510.00

Raw Sample Received by: JB WC

Raw Sample Relinquished by: [signature]

Date/Time 10/21/25 1730

Raw Sample Received by: [signature]

Raw Sample Relinquished by: JB WC

VB 137592

WORKLIST(Hardcopy Internal Chain)

WorkList Name : %1-102125 **WorkList ID :** 192565 **Department :** Wet-Chemistry **Date :** 10-21-2025 08:08:50

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3408-01	ASPHALT-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/20/2025	Chemtech -SO
Q3408-02	ASPHALT-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/20/2025	Chemtech -SO
Q3408-03	ASPHALT-C	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/20/2025	Chemtech -SO
Q3408-04	ASPHALT-D	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/20/2025	Chemtech -SO
Q3409-01	EXCAVATION-AREA-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/20/2025	Chemtech -SO
Q3409-02	EXCAVATION-AREA-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/20/2025	Chemtech -SO
Q3410-01	WASTE	Solid	Percent Solids	Cool 4 deg C	SCIA01	J11	10/20/2025	Chemtech -SO
Q3410-02	VOC	Solid	Percent Solids	Cool 4 deg C	SCIA01	J11	10/20/2025	Chemtech -SO
Q3410-03	1	Solid	Percent Solids	Cool 4 deg C	SCIA01	J11	10/20/2025	Chemtech -SO
Q3410-04	2	Solid	Percent Solids	Cool 4 deg C	SCIA01	J11	10/20/2025	Chemtech -SO
Q3410-05	3	Solid	Percent Solids	Cool 4 deg C	SCIA01	J11	10/20/2025	Chemtech -SO
Q3410-06	4	Solid	Percent Solids	Cool 4 deg C	SCIA01	J11	10/20/2025	Chemtech -SO
Q3410-07	5	Solid	Percent Solids	Cool 4 deg C	SCIA01	J11	10/20/2025	Chemtech -SO
Q3412-01	TP-6	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3412-02	TP-6-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3412-03	TP-6-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3413-01	BP-VPB-184-GW-980-982	Solid	Percent Solids	Cool 4 deg C	TETR06	D31	10/17/2025	Chemtech -SO
Q3414-01	SB-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D32	10/21/2025	Chemtech -SO
Q3414-02	SB-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D32	10/21/2025	Chemtech -SO
Q3414-03	SB-3	Solid	Percent Solids	Cool 4 deg C	PSEG03	D32	10/21/2025	Chemtech -SO
Q3414-04	SB-4	Solid	Percent Solids	Cool 4 deg C	PSEG03	D32	10/21/2025	Chemtech -SO

Date/Time 10/21/25 1500

Raw Sample Received by: TB WEC

Raw Sample Relinquished by: CP

Date/Time 10/21/25 1730

Raw Sample Received by: CP

Raw Sample Relinquished by: TB WEC

WORKLIST(Hardcopy Internal Chain)

VB137592

WorkList Name : %1-102125 **WorkList ID :** 192565 **Department :** Wet-Chemistry **Date :** 10-21-2025 08:08:50

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3414-05	SB-5	Solid	Percent Solids	Cool 4 deg C	PSEG03	D32	10/21/2025	Chemtech -SO
Q3414-06	SB-6	Solid	Percent Solids	Cool 4 deg C	PSEG03	D32	10/21/2025	Chemtech -SO
Q3414-07	SB-7	Solid	Percent Solids	Cool 4 deg C	PSEG03	D32	10/21/2025	Chemtech -SO
Q3414-08	SB-8	Solid	Percent Solids	Cool 4 deg C	PSEG03	D32	10/21/2025	Chemtech -SO
Q3414-09	SB-9	Solid	Percent Solids	Cool 4 deg C	PSEG03	D32	10/21/2025	Chemtech -SO
Q3414-10	SB-10	Solid	Percent Solids	Cool 4 deg C	PSEG03	D32	10/21/2025	Chemtech -SO
Q3414-11	SB-11	Solid	Percent Solids	Cool 4 deg C	PSEG03	D32	10/21/2025	Chemtech -SO
Q3414-12	SB-12	Solid	Percent Solids	Cool 4 deg C	PSEG03	D32	10/21/2025	Chemtech -SO
Q3414-13	SB-13	Solid	Percent Solids	Cool 4 deg C	PSEG03	D32	10/21/2025	Chemtech -SO
Q3415-01	50841	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/21/2025	Chemtech -SO
Q3415-02	50842	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/21/2025	Chemtech -SO
Q3415-03	50843	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/21/2025	Chemtech -SO
Q3416-01	NB-08-10212025	Solid	Percent Solids	Cool 4 deg C	PSEG05	D31	10/21/2025	Chemtech -SO
Q3416-02	NB-08-10212025-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	D31	10/21/2025	Chemtech -SO
Q3418-01	101725	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/21/2025	Chemtech -SO
Q3418-02	101725-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/21/2025	Chemtech -SO
Q3418-03	101725-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/21/2025	Chemtech -SO

Date/Time 10/21/25 15:00

Raw Sample Received by:

Raw Sample Relinquished by:

Date/Time 10/21/25 17:30

Raw Sample Received by:

Raw Sample Relinquished by:

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 10/24/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:25
In Date: 10/23/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:15
Out Date: 10/24/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC: LB137624

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
Q3399-03	COMP-ROLLOFF	15	1.15	10.96	12.11	11.00	89.9	
Q3437-03	SS-15R(2.0-2.5)	1	1.18	10.46	11.64	10.32	87.4	
Q3437-05	SS-26(0-0.5)	2	1.16	10.19	11.35	10.17	88.4	
Q3437-11	SS-27(0-0.5)	3	1.17	10.34	11.51	10.85	93.6	
Q3437-14	SS-25(0-0.5)	4	1.11	10.33	11.44	10.34	89.4	
Q3437-16	SS-23(0-0.5)	5	1.13	10.84	11.97	11.26	93.5	
Q3439-01	TP-9	6	1.18	10.29	11.47	10.55	91.1	
Q3439-02	TP-9-EPH	7	1.19	10.61	11.8	10.87	91.2	
Q3439-03	TP-9-VOC	8	1.18	10.14	11.32	10.41	91.0	
Q3439-05	TP-10	9	1.15	10.60	11.75	10.82	91.2	
Q3439-06	TP-10-EPH	10	1.19	10.17	11.36	10.44	91.0	
Q3439-07	TP-10-VOC	11	1.18	10.31	11.49	10.37	89.1	
Q3440-01	JB-2	12	1.13	11.32	12.45	10.38	81.7	
Q3440-02	JB-2-EPH	13	1.17	10.42	11.59	9.79	82.7	
Q3440-03	JB-2-VOC	14	1.13	8.36	9.49	8.14	83.9	
Q3445-01	EO-01-102325	16	1.14	10.46	11.6	10.74	91.8	
Q3445-02	EO-01-102325-E2	17	1.16	10.40	11.56	10.57	90.5	
Q3446-01	SB-14	18	1.11	10.00	11.11	10.82	97.1	
Q3446-02	SB-15	19	1.14	10.54	11.68	11.64	99.6	
Q3446-03	SB-16	20	1.19	10.31	11.5	11.44	99.4	
Q3446-04	SB-17	21	1.19	10.13	11.32	11.27	99.5	
Q3446-05	SB-18	22	1.19	10.53	11.72	11.67	99.5	
Q3446-06	SB-19	23	1.15	10.44	11.59	11.32	97.4	
Q3446-07	SB-20	24	1.16	10.50	11.66	11.6	99.4	
Q3446-08	SB-21	25	1.14	10.08	11.22	10.9	96.8	
Q3447-01	P001-TW1-251023-01	26	1.00	1.00	2.00	2.00	100.0	TAR SAMPLE
Q3447-03	P001-TW2-251023-01	27	1.19	10.43	11.62	10.75	91.7	
Q3447-05	P001-TW3-251023-01	28	1.18	10.70	11.88	11.64	97.8	

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 10/24/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:25
In Date: 10/23/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:15
Out Date: 10/24/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC: LB137624

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
Q3447-07	P001-TW4-251023-01	29	1.00	1.00	2.00	2.00	100.0	TAR SAMPLE

$$\% \text{ Solid} = \frac{(C-A) * 100}{(B-A)}$$

WORKLIST(Hardcopy Internal Chain)

10/23/24

WorkList Name : %1-102325 **WorkList ID :** 192629 **Department :** Wet-Chemistry **Date :** 10-23-2025 08:26:05

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3399-03	COMP-ROLLOFF	Solid	Percent Solids	Cool 4 deg C	ICES02	D41	10/20/2025	Chemtech -SO
Q3437-03	SS-15R(2.0-2.5)	Solid	Percent Solids	Cool 4 deg C	MATR02	D31	10/22/2025	Chemtech -SO
Q3437-05	SS-26(0-0.5)	Solid	Percent Solids	Cool 4 deg C	MATR02	D31	10/22/2025	Chemtech -SO
Q3437-11	SS-27(0-0.5)	Solid	Percent Solids	Cool 4 deg C	MATR02	D31	10/22/2025	Chemtech -SO
Q3437-14	SS-25(0-0.5)	Solid	Percent Solids	Cool 4 deg C	MATR02	D31	10/22/2025	Chemtech -SO
Q3437-16	SS-23(0-0.5)	Solid	Percent Solids	Cool 4 deg C	MATR02	D31	10/22/2025	Chemtech -SO
Q3439-01	TP-9	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/22/2025	Chemtech -SO
Q3439-02	TP-9-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/22/2025	Chemtech -SO
Q3439-03	TP-9-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/22/2025	Chemtech -SO
Q3439-05	TP-10	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/23/2025	Chemtech -SO
Q3439-06	TP-10-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/23/2025	Chemtech -SO
Q3439-07	TP-10-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/23/2025	Chemtech -SO
Q3440-01	JB-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/22/2025	Chemtech -SO
Q3440-02	JB-2-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/22/2025	Chemtech -SO
Q3440-03	JB-2-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/22/2025	Chemtech -SO
Q3445-01	EO-01-102325	Solid	Percent Solids	Cool 4 deg C	PSEG05	D31	10/23/2025	Chemtech -SO
Q3445-02	EO-01-102325-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	D31	10/23/2025	Chemtech -SO
Q3446-01	SB-14	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/23/2025	Chemtech -SO
Q3446-02	SB-15	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/23/2025	Chemtech -SO
Q3446-03	SB-16	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/23/2025	Chemtech -SO
Q3446-04	SB-17	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/23/2025	Chemtech -SO

Date/Time 10/23/25 15:00

Raw Sample Received by: [illegible] (WC)

Raw Sample Relinquished by: [illegible] (CSM)

Date/Time 10/23/25 17:30

Raw Sample Received by: [illegible] (CSM)

Raw Sample Relinquished by: [illegible] WC

WORKLIST(Hardcopy Internal Chain)

VB137624

WorkList Name : %1-102325 **WorkList ID :** 192629 **Department :** Wet-Chemistry **Date :** 10-23-2025 08:26:05

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3446-05	SB-18	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/23/2025	Chemtech -SO
Q3446-06	SB-19	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/23/2025	Chemtech -SO
Q3446-07	SB-20	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/23/2025	Chemtech -SO
Q3446-08	SB-21	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/23/2025	Chemtech -SO
Q3447-01	P001-TW1-251023-01	Solid	Percent Solids	Cool 4 deg C	ROYF02	D41	10/23/2025	Chemtech -SO
Q3447-03	P001-TW2-251023-01	Solid	Percent Solids	Cool 4 deg C	ROYF02	D41	10/23/2025	Chemtech -SO
Q3447-05	P001-TW3-251023-01	Solid	Percent Solids	Cool 4 deg C	ROYF02	D41	10/23/2025	Chemtech -SO
Q3447-07	P001-TW4-251023-01	Solid	Percent Solids	Cool 4 deg C	ROYF02	D41	10/23/2025	Chemtech -SO

Date/Time 10/23/25 15:00

Raw Sample Received by: JA CWC

Raw Sample Relinquished by: CPCSM

Date/Time 10/23/25 17:30

Raw Sample Received by: CPCSM

Raw Sample Relinquished by: JA CWC

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

Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB137613

Review By	Janvi	Review On	10/23/2025 4:36:41 PM
Supervise By	jaswal	Supervise On	10/24/2025 6:34:14 PM

STD. NAME	STD REF.#
ICAL Standard	MP87637,MP87643,MP87641,MP87640,MP87639,MP87638
ICV Standard	MP87644,MP87643
CCV Standard	MP87647
ICSA Standard	MP87645,MP87646
CRI Standard	MP87643
LCS Standard	
Chk Standard	MP87668,MP87648,MP87651,MP87649,MP87650

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	10/21/25 12:03		Jaswal	OK
2	S1	S1	CAL2	10/21/25 12:08		Jaswal	OK
3	S2	S2	CAL3	10/21/25 12:12		Jaswal	OK
4	S3	S3	CAL4	10/21/25 12:16		Jaswal	OK
5	S4	S4	CAL5	10/21/25 12:21		Jaswal	OK
6	S5	S5	CAL6	10/21/25 12:25		Jaswal	OK
7	ICV01	ICV01	ICV	10/21/25 12:40		Jaswal	OK
8	LLICV01	LLICV01	LLICV	10/21/25 12:44		Jaswal	OK
9	ICB01	ICB01	ICB	10/21/25 12:50		Jaswal	OK
10	CRI01	CRI01	CRDL	10/21/25 12:54		Jaswal	OK
11	ICSA01	ICSA01	ICSA	10/21/25 12:59		Jaswal	OK
12	ICSAB01	ICSAB01	ICSAB	10/21/25 13:03		Jaswal	OK
13	ICSADL	ICSADL	ICSA	10/21/25 13:07		Jaswal	OK
14	ICSABDL	ICSABDL	ICSAB	10/21/25 13:11		Jaswal	OK
15	CCV01	CCV01	CCV	10/21/25 13:45		Jaswal	OK
16	CCB01	CCB01	CCB	10/21/25 13:54		Jaswal	OK
17	LR-1	LR-1	HIGH STD	10/21/25 13:57		Jaswal	OK
18	LR-2	LR-2	HIGH STD	10/21/25 14:02		Jaswal	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB137613

Review By	Janvi	Review On	10/23/2025 4:36:41 PM
Supervise By	jaswal	Supervise On	10/24/2025 6:34:14 PM

STD. NAME	STD REF.#
ICAL Standard	MP87637,MP87643,MP87641,MP87640,MP87639,MP87638
ICV Standard	MP87644,MP87643
CCV Standard	MP87647
ICSA Standard	MP87645,MP87646
CRI Standard	MP87643
LCS Standard	
Chk Standard	MP87668,MP87648,MP87651,MP87649,MP87650

19	PB170187BL	PB170187BL	MB	10/21/25 14:11		Jaswal	OK
20	PB170187BS	PB170187BS	LCS	10/21/25 14:16		Jaswal	OK
21	PB170183BL	PB170183BL	MB	10/21/25 14:25		Jaswal	OK
22	PB170183BS	PB170183BS	LCS	10/21/25 14:29		Jaswal	OK
23	LR-3	LR-3	HIGH STD	10/21/25 14:33		Jaswal	OK
24	Q3381-02	VNJ-222	SAM	10/21/25 14:39		Jaswal	OK
25	Q3381-04	VNJ-245	SAM	10/21/25 14:43		Jaswal	OK
26	Q3381-06	RBR200059	SAM	10/21/25 14:47		Jaswal	OK
27	CCV02	CCV02	CCV	10/21/25 15:03		Jaswal	OK
28	CCB02	CCB02	CCB	10/21/25 15:07		Jaswal	OK
29	Q3381-08	VNJ-255	SAM	10/21/25 15:11		Jaswal	OK
30	Q3369-04	MH-22	SAM	10/21/25 15:16		Jaswal	OK
31	Q3369-08	MH-21	SAM	10/21/25 15:20		Jaswal	OK
32	Q3374-04	TP-4-WC	SAM	10/21/25 15:25		Jaswal	OK
33	Q3374-08	TP-5-WC	SAM	10/21/25 15:29		Jaswal	OK
34	Q3388-02	461	SAM	10/21/25 15:34		Jaswal	OK
35	Q3390-02	4174	SAM	10/21/25 15:38		Jaswal	OK
36	Q3392-04	MH-20	SAM	10/21/25 15:42		Jaswal	OK
37	Q3392-08	MH-19	SAM	10/21/25 15:47		Jaswal	OK
38	Q3392-08DUP	MH-19DUP	DUP	10/21/25 15:51		Jaswal	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB137613

Review By	Janvi	Review On	10/23/2025 4:36:41 PM
Supervise By	jaswal	Supervise On	10/24/2025 6:34:14 PM

STD. NAME	STD REF.#
ICAL Standard	MP87637,MP87643,MP87641,MP87640,MP87639,MP87638
ICV Standard	MP87644,MP87643
CCV Standard	MP87647
ICSA Standard	MP87645,MP87646
CRI Standard	MP87643
LCS Standard	
Chk Standard	MP87668,MP87648,MP87651,MP87649,MP87650

39	CCV03	CCV03	CCV	10/21/25 15:56		Jaswal	OK
40	CCB03	CCB03	CCB	10/21/25 16:00		Jaswal	OK
41	Q3392-08L	MH-19L	SD	10/21/25 16:04		Jaswal	OK
42	Q3392-08MS	MH-19MS	MS	10/21/25 16:09		Jaswal	OK
43	Q3392-08MSD	MH-19MSD	MSD	10/21/25 16:13		Jaswal	OK
44	Q3392-08A	MH-19A	PS	10/21/25 16:17	0.1ml of each m6008 and m6017 in 10ml sample.	Jaswal	OK
45	PB170147TB	PB170147TB	MB	10/21/25 16:21		Jaswal	OK
46	Q3411-01	Q4-WASTEWATER	SAM	10/21/25 16:26		Jaswal	OK
47	Q3401-01	41-CONCRETE	SAM	10/21/25 16:30		Jaswal	OK
48	Q3402-01	41-LA	SAM	10/21/25 16:34		Jaswal	OK
49	Q3402-04	41-RA	SAM	10/21/25 16:40		Jaswal	OK
50	Q3402-07	41-LB	SAM	10/21/25 16:44		Jaswal	OK
51	CCV04	CCV04	CCV	10/21/25 16:48		Jaswal	OK
52	CCB04	CCB04	CCB	10/21/25 16:52		Jaswal	OK
53	Q3402-10	41-RB	SAM	10/21/25 16:56		Jaswal	OK
54	Q3403-01	MH-18	SAM	10/21/25 17:00		Jaswal	OK
55	Q3397-01	TP-7-WC	SAM	10/21/25 17:04		Jaswal	OK
56	Q3397-01DUP	TP-7-WCDUP	DUP	10/21/25 17:08		Jaswal	OK
57	Q3397-01L	TP-7-WCL	SD	10/21/25 17:12		Jaswal	OK

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Daily Analysis Runlog For Sequence/QCBatch ID # LB137613

Review By	Janvi	Review On	10/23/2025 4:36:41 PM
Supervise By	jaswal	Supervise On	10/24/2025 6:34:14 PM

STD. NAME	STD REF.#
ICAL Standard	MP87637,MP87643,MP87641,MP87640,MP87639,MP87638
ICV Standard	MP87644,MP87643
CCV Standard	MP87647
ICSA Standard	MP87645,MP87646
CRI Standard	MP87643
LCS Standard	
Chk Standard	MP87668,MP87648,MP87651,MP87649,MP87650

58	Q3397-01MS	TP-7-WCMS	MS	10/21/25 17:16		Jaswal	OK
59	Q3397-01MSD	TP-7-WCMSD	MSD	10/21/25 17:20		Jaswal	OK
60	Q3397-01A	TP-7-WCA	PS	10/21/25 17:24	0.1ml of each m6008 and m6017 in 10ml sample.	Jaswal	OK
61	PB170192BL	PB170192BL	MB	10/21/25 17:28		Jaswal	OK
62	PB170192BS	PB170192BS	LCS	10/21/25 17:33		Jaswal	OK
63	CCV05	CCV05	CCV	10/21/25 17:37		Jaswal	OK
64	CCB05	CCB05	CCB	10/21/25 17:41		Jaswal	OK
65	Q3365-01	MW25	SAM	10/21/25 17:45	Na is high, Need dilution	Jaswal	Dilution
66	Q3365-02	MW2D	SAM	10/21/25 17:49	Na is high, Need dilution	Jaswal	Dilution
67	Q3365-03	SUPPLY	SAM	10/21/25 17:53		Jaswal	OK
68	Q3365-04	17 HARVEY	SAM	10/21/25 17:58		Jaswal	OK
69	Q3365-05	19 HARVEY	SAM	10/21/25 18:02		Jaswal	OK
70	Q3370-01	WATER-TREATMENT	SAM	10/21/25 18:06		Jaswal	OK
71	Q3370-01DUP	WATER-TREATMENT	DUP	10/21/25 18:11		Jaswal	OK
72	Q3370-01L	WATER-TREATMENT	SD	10/21/25 18:15		Jaswal	OK
73	Q3370-01MS	WATER-TREATMENT	MS	10/21/25 18:19		Jaswal	OK
74	Q3370-01MSD	WATER-TREATMENT	MSD	10/21/25 18:23		Jaswal	OK
75	CCV06	CCV06	CCV	10/21/25 18:27		Jaswal	OK
76	CCB06	CCB06	CCB	10/21/25 18:31		Jaswal	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB137613

Review By	Janvi	Review On	10/23/2025 4:36:41 PM
Supervise By	jaswal	Supervise On	10/24/2025 6:34:14 PM

STD. NAME	STD REF.#
ICAL Standard	MP87637,MP87643,MP87641,MP87640,MP87639,MP87638
ICV Standard	MP87644,MP87643
CCV Standard	MP87647
ICSA Standard	MP87645,MP87646
CRI Standard	MP87643
LCS Standard	
Chk Standard	MP87668,MP87648,MP87651,MP87649,MP87650

77	Q3370-01A	WATER-TREATMENT	PS	10/21/25 18:36	0.1ml of each m6008 and m6017 in 10ml sample.	Jaswal	OK
78	Q3376-07	PR132-FB01-202510	SAM	10/21/25 18:40		Jaswal	OK
79	Q3400-01	FRAC-TANK-0760450	SAM	10/21/25 18:44		Jaswal	OK
80	Q3398-01	A748	SAM	10/21/25 18:48	BAD Injection	Jaswal	Not Ok
81	Q3399-01	COMP-ROLLOFF	SAM	10/21/25 19:01		Jaswal	OK
82	Q3405-01	PAD-10-20-25-A	SAM	10/21/25 19:05		Jaswal	OK
83	Q3405-02	PAD-10-20-25-B	SAM	10/21/25 19:09		Jaswal	OK
84	Q3405-03	PAD-10-20-25-C	SAM	10/21/25 19:14		Jaswal	OK
85	CCV07	CCV07	CCV	10/21/25 19:18		Jaswal	OK
86	CCB07	CCB07	CCB	10/21/25 19:22		Jaswal	OK
87	Q3405-04	SW-10-20-25	SAM	10/21/25 19:26		Jaswal	OK
88	Q3409-01	EXCAVATION-AREA-	SAM	10/21/25 19:31		Jaswal	OK
89	Q3409-02	EXCAVATION-AREA-	SAM	10/21/25 19:35		Jaswal	OK
90	Q3412-01	TP-6	SAM	10/21/25 19:39	MS/MSD Fail for more then 50% Parameters	Jaswal	Not Ok
91	Q3412-01DUP	TP-6DUP	DUP	10/21/25 19:43	MS/MSD Fail for more then 50% Parameters	Jaswal	Not Ok
92	Q3412-01L	TP-6L	SD	10/21/25 19:47	MS/MSD Fail for more then 50% Parameters	Jaswal	Not Ok
93	Q3412-01MS	TP-6MS	MS	10/21/25 19:51	MS/MSD Fail for more then 50% Parameters	Jaswal	Not Ok
94	Q3412-01MSD	TP-6MSD	MSD	10/21/25 19:55	MS/MSD Fail for more then 50% Parameters	Jaswal	Not Ok

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB137613

Review By	Janvi	Review On	10/23/2025 4:36:41 PM
Supervise By	jaswal	Supervise On	10/24/2025 6:34:14 PM

STD. NAME	STD REF.#
ICAL Standard	MP87637,MP87643,MP87641,MP87640,MP87639,MP87638
ICV Standard	MP87644,MP87643
CCV Standard	MP87647
ICSA Standard	MP87645,MP87646
CRI Standard	MP87643
LCS Standard	
Chk Standard	MP87668,MP87648,MP87651,MP87649,MP87650

95	Q3412-01A	TP-6A	PS	10/21/25 19:59	MS/MSD Fail for more then 50% Parameters	Jaswal	Not Ok
96	CCV08	CCV08	CCV	10/21/25 20:03		Jaswal	OK
97	CCB08	CCB08	CCB	10/21/25 20:07		Jaswal	OK

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Instrument ID: CV1

Daily Analysis Runlog For Sequence/QCBatch ID # LB137626

Review By	jaswal	Review On	10/24/2025 6:51:30 PM
Supervise By	mohan	Supervise On	10/27/2025 8:24:01 AM

STD. NAME	STD REF.#
ICAL Standard	MP87703,MP87704,MP87705,MP87706,MP87707,MP87708
ICV Standard	MP87709
CCV Standard	MP87711
ICSA Standard	
CRI Standard	MP87713
LCS Standard	
Chk Standard	MP87710,MP87712,MP87714,MP87716

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	10/23/25 13:31		mohan	OK
2	S0.2	S0.2	CAL2	10/23/25 13:34		mohan	OK
3	S2.5	S2.5	CAL3	10/23/25 13:36		mohan	OK
4	S5	S5	CAL4	10/23/25 13:39		mohan	OK
5	S7.5	S7.5	CAL5	10/23/25 13:41		mohan	OK
6	S10	S10	CAL6	10/23/25 13:47		mohan	OK
7	ICV85	ICV85	ICV	10/23/25 13:51		mohan	OK
8	ICB85	ICB85	ICB	10/23/25 13:57		mohan	OK
9	CCV79	CCV79	CCV	10/23/25 14:01		mohan	OK
10	CCB79	CCB79	CCB	10/23/25 14:05		mohan	OK
11	CRA	CRA	CRDL	10/23/25 14:07		mohan	OK
12	HighStd	HighStd	HIGH STD	10/23/25 14:10		mohan	OK
13	ChkStd	ChkStd	SAM	10/23/25 14:12		mohan	OK
14	PB170230BL	PB170230BL	MB	10/23/25 14:15		mohan	OK
15	PB170230BS	PB170230BS	LCS	10/23/25 14:20		mohan	OK
16	Q3399-01	COMP-ROLLOFF	SAM	10/23/25 14:22		mohan	OK
17	Q3412-01	TP-6	SAM	10/23/25 14:25		mohan	OK
18	Q3416-01	NB-08-10212025	SAM	10/23/25 14:27		mohan	OK

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Instrument ID: CV1

Daily Analysis Runlog For Sequence/QCBatch ID # LB137626

Review By	jaswal	Review On	10/24/2025 6:51:30 PM
Supervise By	mohan	Supervise On	10/27/2025 8:24:01 AM

STD. NAME	STD REF.#
ICAL Standard	MP87703,MP87704,MP87705,MP87706,MP87707,MP87708
ICV Standard	MP87709
CCV Standard	MP87711
ICSA Standard	
CRI Standard	MP87713
LCS Standard	
Chk Standard	MP87710,MP87712,MP87714,MP87716

19	Q3419-01DUP	PR-132-S16-015094-2	DUP	10/23/25 14:32	Hg high, Need Dilution	mohan	Dilution
20	CCV80	CCV80	CCV	10/23/25 14:35		mohan	OK
21	CCB80	CCB80	CCB	10/23/25 14:38		mohan	OK
22	Q3419-02	PR-132-S16-015094-2	MS	10/23/25 14:40	Hg high, Need Dilution	mohan	Dilution
23	Q3419-03	PR-132-S16-015094-2	MSD	10/23/25 14:42	Hg high, Need Dilution	mohan	Dilution
24	Q3419-04	PR132-S16-119133-2	SAM	10/23/25 14:45	Hg high, Need Dilution	mohan	Dilution
25	Q3419-05	PR132-S16-094119-2	SAM	10/23/25 14:48	Hg high, Need Dilution	mohan	Dilution
26	Q3422-01	PR132-S15-000008-2	SAM	10/23/25 14:51	Hg high, Need Dilution	mohan	Dilution
27	Q3424-01	PR132-DP3-2025102	SAM	10/23/25 14:54	Hg high, Need Dilution	mohan	Dilution
28	Q3424-02	PR132-S11-010080-2	SAM	10/23/25 14:57	Hg high, Need Dilution	mohan	Dilution
29	Q3424-03	PR132-S14-000094-2	SAM	10/23/25 15:01	Hg high, Need Dilution	mohan	Dilution
30	Q3427-01	TP-8	SAM	10/23/25 15:04		mohan	OK
31	Q3431-01	EO-02-10222025	SAM	10/23/25 15:07		mohan	OK
32	CCV81	CCV81	CCV	10/23/25 15:09		mohan	OK
33	CCB81	CCB81	CCB	10/23/25 15:11		mohan	OK
34	Q3434-01	PR132-WC1-2025102	SAM	10/23/25 15:14	Hg high, Need Dilution	mohan	Dilution
35	Q3439-01	TP-9	SAM	10/23/25 15:16		mohan	OK
36	Q3439-05	TP-10	SAM	10/23/25 15:19		mohan	OK
37	Q3419-01L	PR-132-S16-015094-2	SD	10/23/25 15:21		mohan	OK
38	Q3419-01A	PR-132-S16-015094-2	PS	10/23/25 15:24		mohan	OK

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Instrument ID: CV1

Daily Analysis Runlog For Sequence/QCBatch ID # LB137626

Review By	jaswal	Review On	10/24/2025 6:51:30 PM
Supervise By	mohan	Supervise On	10/27/2025 8:24:01 AM

STD. NAME	STD REF.#
ICAL Standard	MP87703,MP87704,MP87705,MP87706,MP87707,MP87708
ICV Standard	MP87709
CCV Standard	MP87711
ICSA Standard	
CRI Standard	MP87713
LCS Standard	
Chk Standard	MP87710,MP87712,MP87714,MP87716

39	Q3419-01	PR-132-S16-015094-2	SAM	10/23/25 15:26	Hg high, Need Dilution	mohan	Dilution
40	CCV82	CCV82	CCV	10/23/25 15:29		mohan	OK
41	CCB82	CCB82	CCB	10/23/25 15:32		mohan	OK
42	Q3419-01DUPDL	PR-132-S16-015094-2	DUP	10/23/25 15:37	10x For Hg	mohan	Confirms
43	Q3419-02DL	PR-132-S16-015094-2	MS	10/23/25 15:39	10x For Hg	mohan	Confirms
44	Q3419-03DL	PR-132-S16-015094-2	MSD	10/23/25 15:42	10x For Hg	mohan	Confirms
45	Q3419-04DL	PR132-S16-119133-2	SAM	10/23/25 15:44	10x For Hg	mohan	Confirms
46	Q3419-05DL	PR132-S16-094119-2	SAM	10/23/25 15:46	10x For Hg	mohan	Confirms
47	Q3422-01DL	PR132-S15-000008-2	SAM	10/23/25 15:49	10x For Hg	mohan	Confirms
48	Q3424-01DL	PR132-DP3-2025102	SAM	10/23/25 15:51	10x For Hg	mohan	Confirms
49	Q3424-02DLRE	PR132-S11-010080-2	SAM	10/23/25 15:54	not use	mohan	Not Ok
50	Q3424-03DL	PR132-S14-000094-2	SAM	10/23/25 15:56	10x For Hg	mohan	Confirms
51	CCV83	CCV83	CCV	10/23/25 15:59		mohan	OK
52	CCB83	CCB83	CCB	10/23/25 16:02		mohan	OK
53	Q3419-01DL	PR-132-S16-015094-2	SAM	10/23/25 16:05	10x For Hg	mohan	Confirms
54	Q3434-01DL	PR132-WC1-2025102	SAM	10/23/25 16:07	10x For Hg	mohan	Confirms
55	Q3424-02DL	PR132-S11-010080-2	SAM	10/23/25 16:11	10x For Hg	mohan	Confirms
56	CCV84	CCV84	CCV	10/23/25 16:14		mohan	OK
57	CCB84	CCB84	CCB	10/23/25 16:16		mohan	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB137630

Review By	Janvi	Review On	10/28/2025 12:32:41 PM
Supervise By	jaswal	Supervise On	10/28/2025 3:14:16 PM

STD. NAME	STD REF.#
ICAL Standard	MP87637,MP87643,MP87641,MP87640,MP87639,MP87638
ICV Standard	MP87644,MP87643
CCV Standard	MP87647
ICSA Standard	MP87645,MP87646
CRI Standard	MP87643
LCS Standard	
Chk Standard	MP87668,MP87648,MP87651,MP87649,MP87650

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	10/23/25 12:40		Jaswal	OK
2	S1	S1	CAL2	10/23/25 12:45		Jaswal	OK
3	S2	S2	CAL3	10/23/25 12:49		Jaswal	OK
4	S3	S3	CAL4	10/23/25 12:53		Jaswal	OK
5	S4	S4	CAL5	10/23/25 12:57		Jaswal	OK
6	S5	S5	CAL6	10/23/25 13:01		Jaswal	OK
7	ICV01	ICV01	ICV	10/23/25 13:05		Jaswal	OK
8	LLICV01	LLICV01	LLICV	10/23/25 13:14		Jaswal	OK
9	ICB01	ICB01	ICB	10/23/25 13:20		Jaswal	OK
10	CRI01	CRI01	CRDL	10/23/25 13:24		Jaswal	OK
11	ICSA01	ICSA01	ICSA	10/23/25 13:28		Jaswal	OK
12	ICSAB01	ICSAB01	ICSAB	10/23/25 13:39		Jaswal	OK
13	ICSADL	ICSADL	ICSA	10/23/25 13:43		Jaswal	OK
14	ICSABDL	ICSABDL	ICSAB	10/23/25 13:47		Jaswal	OK
15	CCV01	CCV01	CCV	10/23/25 13:52		Jaswal	OK
16	CCB01	CCB01	CCB	10/23/25 13:57		Jaswal	OK
17	LR-1	LR-1	HIGH STD	10/23/25 14:01		Jaswal	OK
18	LR-2	LR-2	HIGH STD	10/23/25 14:06		Jaswal	OK

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

Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB137630

Review By	Janvi	Review On	10/28/2025 12:32:41 PM
Supervise By	jaswal	Supervise On	10/28/2025 3:14:16 PM

STD. NAME	STD REF.#
ICAL Standard	MP87637,MP87643,MP87641,MP87640,MP87639,MP87638
ICV Standard	MP87644,MP87643
CCV Standard	MP87647
ICSA Standard	MP87645,MP87646
CRI Standard	MP87643
LCS Standard	
Chk Standard	MP87668,MP87648,MP87651,MP87649,MP87650

19	LR-3	LR-3	HIGH STD	10/23/25 14:10		Jaswal	OK
20	Q3398-01	A748	SAM	10/23/25 14:15	Bad Injection	Jaswal	Not Ok
21	PB170190BS	PB170190BS	LCS	10/23/25 14:23		Jaswal	OK
22	Q3365-01DL	MW25DL	SAM	10/23/25 14:28	5x For Na	Jaswal	Confirms
23	Q3365-02DL	MW2DDL	SAM	10/23/25 14:32	5x For Na	Jaswal	Confirms
24	PB170190BL	PB170190BL	MB	10/23/25 14:36		Jaswal	OK
25	Q3398-01DL	A748DL	SAM	10/23/25 14:41	5X Mg,V oversaturated	Jaswal	Dilution
26	Q3398-01DL2	A748DL2	SAM	10/23/25 14:49	10x Mg still oversaturated	Jaswal	Dilution
27	CCV02	CCV02	CCV	10/23/25 15:04		Jaswal	OK
28	CCB02	CCB02	CCB	10/23/25 15:08		Jaswal	OK
29	Q3398-01DL3	A748DL	SAM	10/23/25 15:12	25x for Mg	Jaswal	Confirms
30	Q3368-06	OUTSIDE-DUMPSTE	SAM	10/23/25 15:17		Jaswal	OK
31	Q3368-07	PRESS-SLUDGE	SAM	10/23/25 15:21		Jaswal	OK
32	Q3397-04	TP-7-WC	SAM	10/23/25 15:25		Jaswal	OK
33	Q3399-02	COMP-ROLLOFF	SAM	10/23/25 15:30		Jaswal	OK
34	Q3402-03	41-LA	SAM	10/23/25 15:34		Jaswal	OK
35	Q3402-06	41-RA	SAM	10/23/25 15:38		Jaswal	OK
36	Q3402-09	41-LB	SAM	10/23/25 15:43		Jaswal	OK
37	Q3402-12	41-RB	SAM	10/23/25 15:47		Jaswal	OK
38	Q3403-04	MH-18	SAM	10/23/25 15:51		Jaswal	OK

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Instrument ID: P4

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STD. NAME	STD REF.#
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CCV Standard	MP87647
ICSA Standard	MP87645,MP87646
CRI Standard	MP87643
LCS Standard	
Chk Standard	MP87668,MP87648,MP87651,MP87649,MP87650

39	CCV03	CCV03	CCV	10/23/25 15:56		Jaswal	OK
40	CCB03	CCB03	CCB	10/23/25 16:11		Jaswal	OK
41	Q3404-02	MOO-25-0285-0288	SAM	10/23/25 16:15		Jaswal	OK
42	Q3404-06	MOO-25-0292	SAM	10/23/25 16:19		Jaswal	OK
43	Q3416-01	NB-08-10212025	SAM	10/23/25 16:24		Jaswal	OK
44	CCV04	CCV04	CCV	10/23/25 16:43		Jaswal	OK
45	CCB04	CCB04	CCB	10/23/25 16:47		Jaswal	OK
46	Q3412-04	TP-6	SAM	10/23/25 16:51		Jaswal	OK
47	Q3412-04DUP	TP-6DUP	DUP	10/23/25 16:55		Jaswal	OK
48	Q3412-04L	TP-6L	SD	10/23/25 17:00		Jaswal	OK
49	Q3412-04MS	TP-6MS	MS	10/23/25 17:04		Jaswal	OK
50	Q3412-04MSD	TP-6MSD	MSD	10/23/25 17:08		Jaswal	OK
51	Q3412-04A	TP-6A	PS	10/23/25 17:12	0.1 ML OF M6008 AND M6017 IN 10ML	Jaswal	OK
52	Q3406-02	ARS20-0037	SAM	10/23/25 17:16		Jaswal	OK
53	CCV05	CCV05	CCV	10/23/25 17:21		Jaswal	OK
54	CCB05	CCB05	CCB	10/23/25 17:25		Jaswal	OK
55	PB170185BL	PB170185BL	MB	10/23/25 17:30		Jaswal	OK
56	PB170185BS	PB170185BS	LCS	10/23/25 17:34		Jaswal	OK
57	Q3385-04	EFF-WW	SAM	10/23/25 17:38		Jaswal	OK

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Supervise By	jaswal	Supervise On	10/28/2025 3:14:16 PM

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ICV Standard	MP87644,MP87643
CCV Standard	MP87647
ICSA Standard	MP87645,MP87646
CRI Standard	MP87643
LCS Standard	
Chk Standard	MP87668,MP87648,MP87651,MP87649,MP87650

58	Q3385-04DUP	EFF-WWDUP	DUP	10/23/25 17:42		Jaswal	OK
59	Q3385-04L	EFF-WWL	SD	10/23/25 17:46		Jaswal	OK
60	Q3385-05	EFF-WWMS	MS	10/23/25 17:51		Jaswal	OK
61	Q3385-06	EFF-WWMSD	MSD	10/23/25 17:55		Jaswal	OK
62	Q3385-04A	EFF-WWA	PS	10/23/25 17:59	0.1 ML OF M6008 AND M6017 IN 10ML	Jaswal	OK
63	Q3412-01	TP-6	SAM	10/23/25 18:03		Jaswal	OK
64	Q3412-01DUP	TP-6DUP	DUP	10/23/25 18:07		Jaswal	OK
65	CCV06	CCV06	CCV	10/23/25 18:11		Jaswal	OK
66	CCB06	CCB06	CCB	10/23/25 18:15		Jaswal	OK
67	Q3412-01L	TP-6L	SD	10/23/25 18:19		Jaswal	OK
68	Q3412-01MS	TP-6MS	MS	10/23/25 18:23		Jaswal	OK
69	Q3412-01MSD	TP-6MSD	MSD	10/23/25 18:27		Jaswal	OK
70	Q3412-01A	TP-6A	PS	10/23/25 18:31	0.1 ML OF M6008 AND M6017 IN 10ML	Jaswal	OK
71	PB170224BL	PB170224BL	MB	10/23/25 18:35		Jaswal	OK
72	PB170224BS	PB170224BS	LCS	10/23/25 18:39		Jaswal	OK
73	Q3427-01	TP-8	SAM	10/23/25 18:43		Jaswal	OK
74	Q3431-01	EO-02-10222025	SAM	10/23/25 18:47		Jaswal	OK
75	Q3431-01DUP	EO-02-10222025DUP	DUP	10/23/25 18:51		Jaswal	OK
76	Q3431-01L	EO-02-10222025L	SD	10/23/25 18:55		Jaswal	OK

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Daily Analysis Runlog For Sequence/QCBatch ID # LB137630

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Supervise By	jaswal	Supervise On	10/28/2025 3:14:16 PM

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ICV Standard	MP87644,MP87643
CCV Standard	MP87647
ICSA Standard	MP87645,MP87646
CRI Standard	MP87643
LCS Standard	
Chk Standard	MP87668,MP87648,MP87651,MP87649,MP87650

77	CCV07	CCV07	CCV	10/23/25 18:59		Jaswal	OK
78	CCB07	CCB07	CCB	10/23/25 19:04		Jaswal	OK
79	Q3431-01MS	EO-02-10222025MS	MS	10/23/25 19:08		Jaswal	OK
80	Q3431-01MSD	EO-02-10222025MSD	MSD	10/23/25 19:12		Jaswal	OK
81	Q3431-01A	EO-02-10222025A	PS	10/23/25 19:16	0.1 ML OF M6008 AND M6017 IN 10ML	Jaswal	OK
82	Q3439-01	TP-9	SAM	10/23/25 19:19		Jaswal	OK
83	Q3439-05	TP-10	SAM	10/23/25 19:23		Jaswal	OK
84	PB170214BL	PB170214BL	MB	10/23/25 19:27		Jaswal	OK
85	PB170214BS	PB170214BS	LCS	10/23/25 19:32		Jaswal	OK
86	PB170214TB	PB170214TB	MB	10/23/25 19:36		Jaswal	OK
87	PB170223BL	PB170223BL	MB	10/23/25 19:40		Jaswal	OK
88	PB170223BS	PB170223BS	LCS	10/23/25 19:44		Jaswal	OK
89	CCV08	CCV08	CCV	10/23/25 19:48		Jaswal	OK
90	CCB08	CCB08	CCB	10/23/25 19:52		Jaswal	OK
91	Q3414-01	SB-1	SAM	10/23/25 20:01		Jaswal	OK
92	Q3414-02	SB-2	SAM	10/23/25 20:05		Jaswal	OK
93	Q3414-03	SB-3	SAM	10/23/25 20:10		Jaswal	OK
94	Q3414-04	SB-4	SAM	10/23/25 20:14		Jaswal	OK
95	Q3414-05	SB-5	SAM	10/23/25 20:18		Jaswal	OK

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ICSA Standard	MP87645,MP87646
CRI Standard	MP87643
LCS Standard	
Chk Standard	MP87668,MP87648,MP87651,MP87649,MP87650

96	Q3414-06	SB-6	SAM	10/23/25 20:22		Jaswal	OK
97	Q3414-07	SB-7	SAM	10/23/25 20:26		Jaswal	OK
98	Q3414-08	SB-8	SAM	10/23/25 20:30		Jaswal	OK
99	Q3414-09	SB-9	SAM	10/23/25 20:35		Jaswal	OK
100	CCV09	CCV09	CCV	10/23/25 20:39		Jaswal	OK
101	CCB09	CCB09	CCB	10/23/25 20:43		Jaswal	OK
102	Q3414-10	SB-10	SAM	10/23/25 20:47		Jaswal	OK
103	Q3414-11	SB-11	SAM	10/23/25 20:52		Jaswal	OK
104	Q3414-12	SB-12	SAM	10/23/25 20:56		Jaswal	OK
105	Q3414-13	SB-13	SAM	10/23/25 21:00		Jaswal	OK
106	Q3427-04	TP-8	SAM	10/23/25 21:04		Jaswal	OK
107	Q3427-04DUP	TP-8DUP	DUP	10/23/25 21:08		Jaswal	OK
108	Q3427-04L	TP-8L	SD	10/23/25 21:13		Jaswal	OK
109	Q3427-04MS	TP-8MS	MS	10/23/25 21:17		Jaswal	OK
110	Q3427-04MSD	TP-8MSD	MSD	10/23/25 21:21		Jaswal	OK
111	Q3427-04A	TP-8A	PS	10/23/25 21:25	0.1 ML OF M6008 AND M6017 IN 10ML	Jaswal	OK
112	CCV10	CCV10	CCV	10/23/25 21:30		Jaswal	OK
113	CCB10	CCB10	CCB	10/23/25 21:34		Jaswal	OK
114	PB170225BL	PB170225BL	MB	10/23/25 21:38	NOT USE	Jaswal	Not Ok

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Instrument ID: P4

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CCV Standard	MP87647
ICSA Standard	MP87645,MP87646
CRI Standard	MP87643
LCS Standard	
Chk Standard	MP87668,MP87648,MP87651,MP87649,MP87650

115	PB170225BS	PB170225BS	LCS	10/23/25 21:42	NOT USE	Jaswal	Not Ok
116	Q3417-01	101425	SAM	10/23/25 21:46	NOT USE	Jaswal	Not Ok
117	Q3420-05	COMPOSITE	SAM	10/23/25 21:50	NOT USE	Jaswal	Not Ok
118	Q3420-05DUP	COMPOSITEDUP	DUP	10/23/25 21:55	NOT USE	Jaswal	Not Ok
119	Q3420-05L	COMPOSITEL	SD	10/23/25 21:59	NOT USE	Jaswal	Not Ok
120	Q3420-05MS	COMPOSITEMS	MS	10/23/25 22:03	NOT USE	Jaswal	Not Ok
121	Q3420-05MSD	COMPOSITEMSD	MSD	10/23/25 22:08	NOT USE	Jaswal	Not Ok
122	Q3420-05A	COMPOSITEA	PS	10/23/25 22:12	NOT USE	Jaswal	Not Ok
123	Q3422-02	PR132-FB2-2025102	SAM	10/23/25 22:16	NOT USE	Jaswal	Not Ok
124	CCV11	CCV11	CCV	10/23/25 22:20	CCV fail for Fe,K,Na,Tl	Jaswal	OK
125	CCB11	CCB11	CCB	10/23/25 22:24	CCB fail for K,Na	Jaswal	OK
126	Q3434-02	PR132-WC2-2025102	SAM	10/23/25 22:29	NOT USE	Jaswal	Not Ok
127	CCV12	CCV12	CCV	10/23/25 22:33	CCV fail for Fe,Na	Jaswal	OK
128	CCB12	CCB12	CCB	10/23/25 22:37	CCB fail for K,Na	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. Q3399
COC Number 2044531

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: ICE service Group, INC.
ADDRESS: 125 Bloomingdale RD
CITY Levittown STATE: N.Y ZIP:
ATTENTION: Dennis d. morgan, ii
PHONE: FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: ICES 02
PROJECT NO.: LOCATION:
PROJECT MANAGER:
e-mail:
PHONE: FAX:

CLIENT BILLING INFORMATION

BILL TO: PO#:
ADDRESS:
CITY Same STATE: ZIP:
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

FAX (RUSH) _____ DAYS*
HARDCOPY (DATA PACKAGE): 72 HR TAT DAYS*
EDD: _____ DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

- ❑ Level 1 (Results Only)
- ❑ Level 2 (Results + QC)
- ❑ Level 3 (Results + QC + Raw Data)
- ❑ Level 4 (QC + Full Raw Data)
- ❑ NJ Reduced
- ❑ NYS ASP A
- ❑ NYS ASP B
- ❑ US EPA CLP
- ❑ Other _____
- ❑ EDD FORMAT _____

ANALYSIS

1 TCL 2 TCLP 3. Hexd 4 PE 5 RL 6 7 8 9

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.	Comp-Roll OFF	SOL	X		10-20-25	12:00	6			X	X	X					PID= 1.3
2.	"	"		X	"	12:04	3	X	X								PID= 1.3
3.																	
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

← 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.	1700 10.20.2025	1.
2.		2.
3.	1754 10.20.2025	3.

Conditions of bottles or coolers at receipt: ❑ COMPLIANT ❑ NON COMPLIANT ☒ COOLER TEMP 3.5 °C
Comments: *PID Meter Calibrated 10.20.2025 *
Equal Volume of soil used,

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

1

CHEMTECH
Environmental Laboratory
www.chemtech.net | EMAIL: PM@chemtech.net

Project Name: ICES 02
Service Order #:
Work Order #:
Labor WBS #:
Facility/Site:
Site Address: 125 Bloomingdale Rd. Levittown, N.Y.

Chemtech Order ID:
Sampler Name: Lawrence Cerami
Client Project Coordinator & Phone:

Page #: 1 of 1
Date: 10.20.2025
Arrive Time: 11:28 am
Depart Time: 1300

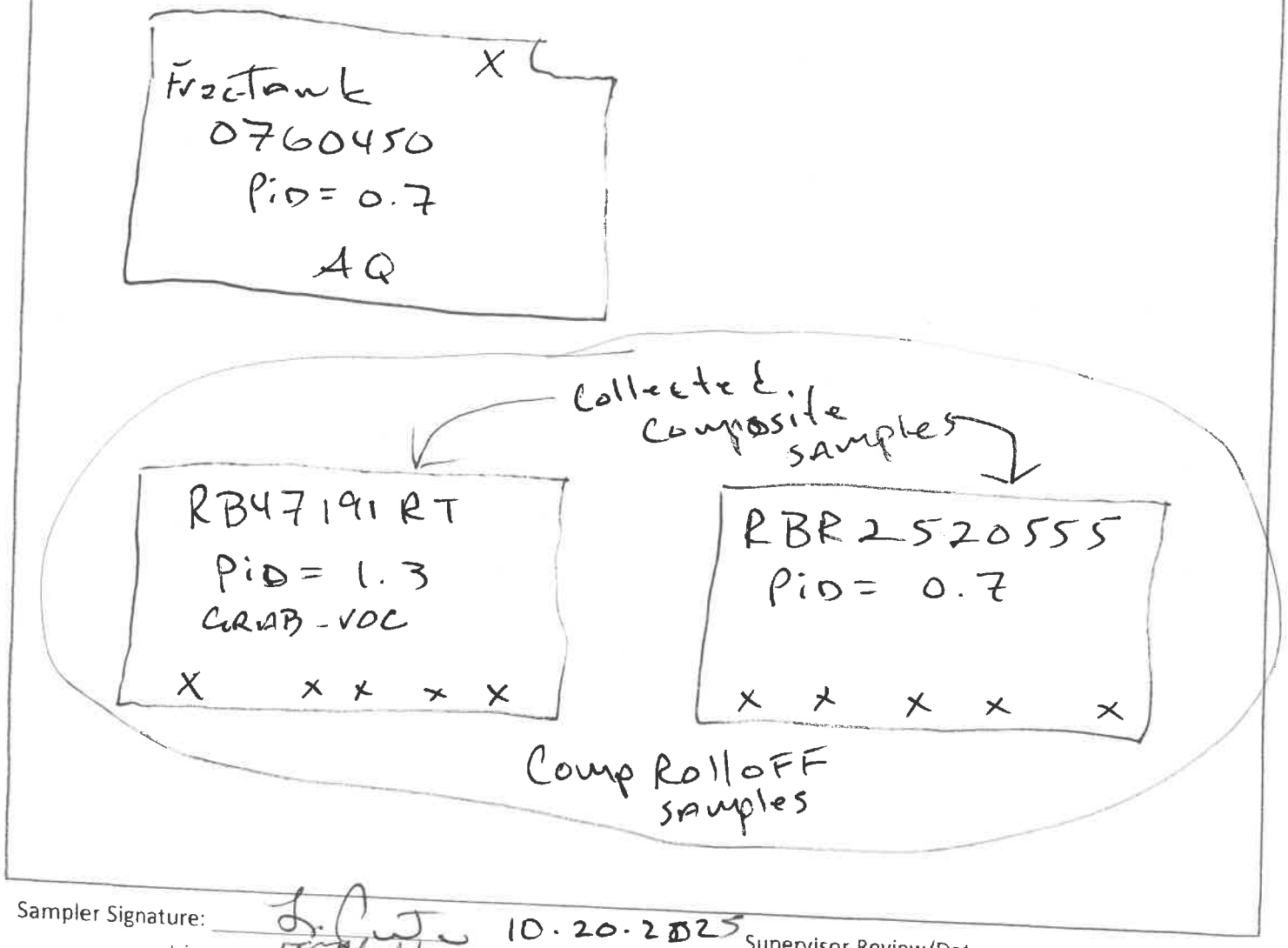
Waste Stream (circle one): drum / (roll-off) / soil pile / in-situ / linear construction / (frac-tank)
Sample Matrices (circle all that apply): Water / (Solid) / NAPL / Concrete / Wipe / (AQ)

Collection Depths:
Dimensions/CY:
Temp (range): °C PID Readings (range): PPM Odor: Y / (N) Color (Y) / N

Sample Description: Water Soil, Soil water Bonder, Brown AQ.
Field Observations: Sampled, RB47191RT, RBR2520555, Fractank 0760450 (Comp RollOFF)

Grid/Area Composite Map:

QA Control # A3041134



Sampler Signature: 10.20.2025
Client Signature:
Supervisor Review/Date:

Q3399-METALS

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Laboratory Certification

Certified By	License No.
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255425
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	TX-C25-00189
Virginia	460312

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q3399 ICES02
Client Name : ICE Service Group, Inc.
Client Contact : Dennis D. Morgan, II
Invoice Name : ICE Service Group, Inc.
Invoice Contact : Dennis D. Morgan, II

Order Date : 10/20/2025 1:23:08 PM
Project Name : NWIRP Northrup Grummar
Receive DateTime : 10/20/2025 ~~12:00:00 AM~~ 5:54 PM
Purchase Order :

Project Mgr :
Report Type : NYS ASP A
EDD Type : NYSDEC EDD V-4
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q3399-03	COMP-ROLLOFF	Solid	10/20/2025	12:04					
					VOC-TCLVOA-10		8260D		3 Bus. Days

Relinquished By :
Date / Time : 10/21/25 0740

Received By :
Date / Time : 10/21/25 08:00 Ag #6 D2

Storage Area : VOA Refridgerator Room