

Cover Page

Order ID : Q2724

Project ID : Parsippany Wastewater Quarterly 2025

Client : METEM A GE POWER Business

Lab Sample Number

Q2724-01

Client Sample Number

WASTEWATER Q3

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: 8/2/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q2724

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 Custody

✓

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: PRADIP PRAJAPATI

Date: 08/02/2025



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LAB CHRONICLE

OrderID:	Q2724	OrderDate:	7/29/2025 3:54:00 PM
Client:	METEM A GE POWER Business	Project:	Parsippany Wastewater Quarterly 2025
Contact:	Sundas Pervez	Location:	O32

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2724-01	WASTEWATER Q3	Water	Metals Group5	200.7	07/29/25	07/30/25	07/31/25	07/29/25



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Hit Summary Sheet
SW-846

SDG No.:	Q2724	Order ID:	Q2724
Client:	METEM A GE POWER Business	Project ID:	Parsippany Wastewater Quarterly 2025

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : WASTEWATER Q3								
Q2724-01	WASTEWATER Q3	Water	Chromium	13.4		0.53	5.00	ug/L
Q2724-01	WASTEWATER Q3	Water	Copper	280		1.89	10.0	ug/L
Q2724-01	WASTEWATER Q3	Water	Nickel	159		1.90	20.0	ug/L
Q2724-01	WASTEWATER Q3	Water	Zinc	26.5		2.00	20.0	ug/L



SAMPLE DATA

Report of Analysis

Client:	METEM A GE POWER Business	Date Collected:	07/29/25
Project:	Parsippany Wastewater Quarterly 2025	Date Received:	07/29/25
Client Sample ID:	WASTEWATER Q3	SDG No.:	Q2724
Lab Sample ID:	Q2724-01	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-43-9	Cadmium	0.31	U	1	0.31	3.00	ug/L	07/30/25 14:05	07/31/25 16:45	EPA 200.7	
7440-47-3	Chromium	13.4		1	0.53	5.00	ug/L	07/30/25 14:05	07/31/25 16:45	EPA 200.7	
7440-50-8	Copper	280		1	1.89	10.0	ug/L	07/30/25 14:05	07/31/25 16:45	EPA 200.7	
7439-92-1	Lead	1.21	U	1	1.21	6.00	ug/L	07/30/25 14:05	07/31/25 16:45	EPA 200.7	
7440-02-0	Nickel	159		1	1.90	20.0	ug/L	07/30/25 14:05	07/31/25 16:45	EPA 200.7	
7440-22-4	Silver	0.81	U	1	0.81	5.00	ug/L	07/30/25 14:05	07/31/25 16:45	EPA 200.7	
7440-66-6	Zinc	26.5		1	2.00	20.0	ug/L	07/30/25 14:05	07/31/25 16:45	EPA 200.7	

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	Metals Group5			

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

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: METEM A GE POWER Business

SDG No.: Q2724

Contract: METE01

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	Cadmium	1950	2000	97	95 - 105	P	07/31/2025	13:51	LB136666
	Chromium	822	800	103	95 - 105	P	07/31/2025	13:51	LB136666
	Copper	1040	1000	104	95 - 105	P	07/31/2025	13:51	LB136666
	Lead	3830	4000	96	95 - 105	P	07/31/2025	13:51	LB136666
	Nickel	2030	2000	102	95 - 105	P	07/31/2025	13:51	LB136666
	Silver	999	1000	100	95 - 105	P	07/31/2025	13:51	LB136666
	Zinc	2070	2000	104	95 - 105	P	07/31/2025	13:51	LB136666

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: METEM AGE POWER Business

SDG No.: Q2724

Contract: METE01

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	Cadmium	5.65	6.0	94	80 - 120	P	07/31/2025	14:00	LB136666
	Chromium	9.05	10.0	90	80 - 120	P	07/31/2025	14:00	LB136666
	Copper	21.3	20.0	107	80 - 120	P	07/31/2025	14:00	LB136666
	Lead	10.2	12.0	85	80 - 120	P	07/31/2025	14:00	LB136666
	Nickel	38.8	40.0	97	80 - 120	P	07/31/2025	14:00	LB136666
	Silver	11.1	10.0	111	80 - 120	P	07/31/2025	14:00	LB136666
	Zinc	41.6	40.0	104	80 - 120	P	07/31/2025	14:00	LB136666

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: METEM A GE POWER Business

SDG No.: Q2724

Contract: METE01

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	Cadmium	2390	2500	95	90 - 110	P	07/31/2025	15:06	LB136666
	Chromium	962	1000	96	90 - 110	P	07/31/2025	15:06	LB136666
	Copper	1220	1250	97	90 - 110	P	07/31/2025	15:06	LB136666
	Lead	4760	5000	95	90 - 110	P	07/31/2025	15:06	LB136666
	Nickel	2410	2500	96	90 - 110	P	07/31/2025	15:06	LB136666
	Silver	1220	1250	97	90 - 110	P	07/31/2025	15:06	LB136666
	Zinc	2450	2500	98	90 - 110	P	07/31/2025	15:06	LB136666
CCV02	Cadmium	2440	2500	97	90 - 110	P	07/31/2025	15:58	LB136666
	Chromium	972	1000	97	90 - 110	P	07/31/2025	15:58	LB136666
	Copper	1240	1250	99	90 - 110	P	07/31/2025	15:58	LB136666
	Lead	4850	5000	97	90 - 110	P	07/31/2025	15:58	LB136666
	Nickel	2460	2500	98	90 - 110	P	07/31/2025	15:58	LB136666
	Silver	1230	1250	98	90 - 110	P	07/31/2025	15:58	LB136666
	Zinc	2480	2500	99	90 - 110	P	07/31/2025	15:58	LB136666
CCV03	Cadmium	2420	2500	97	90 - 110	P	07/31/2025	16:49	LB136666
	Chromium	969	1000	97	90 - 110	P	07/31/2025	16:49	LB136666
	Copper	1230	1250	98	90 - 110	P	07/31/2025	16:49	LB136666
	Lead	4830	5000	97	90 - 110	P	07/31/2025	16:49	LB136666
	Nickel	2440	2500	98	90 - 110	P	07/31/2025	16:49	LB136666
	Silver	1240	1250	99	90 - 110	P	07/31/2025	16:49	LB136666
	Zinc	2490	2500	100	90 - 110	P	07/31/2025	16:49	LB136666
CCV04	Cadmium	2440	2500	98	90 - 110	P	07/31/2025	17:20	LB136666
	Chromium	964	1000	96	90 - 110	P	07/31/2025	17:20	LB136666
	Copper	1250	1250	100	90 - 110	P	07/31/2025	17:20	LB136666
	Lead	4870	5000	98	90 - 110	P	07/31/2025	17:20	LB136666
	Nickel	2470	2500	99	90 - 110	P	07/31/2025	17:20	LB136666
	Silver	1230	1250	98	90 - 110	P	07/31/2025	17:20	LB136666
	Zinc	2480	2500	99	90 - 110	P	07/31/2025	17:20	LB136666
CCV05	Cadmium	2430	2500	97	90 - 110	P	07/31/2025	18:20	LB136666
	Chromium	999	1000	100	90 - 110	P	07/31/2025	18:20	LB136666
	Copper	1230	1250	98	90 - 110	P	07/31/2025	18:20	LB136666
	Lead	4830	5000	97	90 - 110	P	07/31/2025	18:20	LB136666
	Nickel	2450	2500	98	90 - 110	P	07/31/2025	18:20	LB136666
	Silver	1230	1250	98	90 - 110	P	07/31/2025	18:20	LB136666

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: METEM A GE POWER Business

SDG No.: Q2724

Contract: METE01

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	Zinc	2480	2500	99	90 - 110	P	07/31/2025	18:20	LB136666
CCV06	Cadmium	2420	2500	97	90 - 110	P	07/31/2025	19:18	LB136666
	Chromium	1010	1000	101	90 - 110	P	07/31/2025	19:18	LB136666
	Copper	1230	1250	98	90 - 110	P	07/31/2025	19:18	LB136666
	Lead	4820	5000	96	90 - 110	P	07/31/2025	19:18	LB136666
	Nickel	2440	2500	97	90 - 110	P	07/31/2025	19:18	LB136666
	Silver	1230	1250	98	90 - 110	P	07/31/2025	19:18	LB136666
	Zinc	2480	2500	99	90 - 110	P	07/31/2025	19:18	LB136666
CCV07	Cadmium	2450	2500	98	90 - 110	P	07/31/2025	20:00	LB136666
	Chromium	1030	1000	103	90 - 110	P	07/31/2025	20:00	LB136666
	Copper	1240	1250	100	90 - 110	P	07/31/2025	20:00	LB136666
	Lead	4880	5000	98	90 - 110	P	07/31/2025	20:00	LB136666
	Nickel	2470	2500	99	90 - 110	P	07/31/2025	20:00	LB136666
	Silver	1250	1250	100	90 - 110	P	07/31/2025	20:00	LB136666
	Zinc	2530	2500	101	90 - 110	P	07/31/2025	20:00	LB136666



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Metals

- 2b -

CRDL STANDARD FOR AA & ICP

Client: METEM A GE POWER Business

SDG No.: Q2724

Contract: METE01

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	Cadmium	5.67	6.0	94	65 - 135	P	07/31/2025	14:10	LB136666
	Chromium	10.1	10.0	101	65 - 135	P	07/31/2025	14:10	LB136666
	Copper	23.0	20.0	115	65 - 135	P	07/31/2025	14:10	LB136666
	Lead	11.5	12.0	96	65 - 135	P	07/31/2025	14:10	LB136666
	Nickel	39.6	40.0	99	65 - 135	P	07/31/2025	14:10	LB136666
	Silver	10.9	10.0	109	65 - 135	P	07/31/2025	14:10	LB136666
	Zinc	48.8	40.0	122	65 - 135	P	07/31/2025	14:10	LB136666



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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: METEM A GE POWER Business

SDG No.: Q2724

Contract: METE01

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Cadmium	0.50	+/-3	U	6.00	P	07/31/2025	14:06	LB136666
	Chromium	2.12	+/-5	U	10.0	P	07/31/2025	14:06	LB136666
	Copper	4.60	+/-10	U	20.0	P	07/31/2025	14:06	LB136666
	Lead	2.30	+/-6	U	12.0	P	07/31/2025	14:06	LB136666
	Nickel	3.06	+/-20	U	40.0	P	07/31/2025	14:06	LB136666
	Silver	1.62	+/-5	U	10.0	P	07/31/2025	14:06	LB136666
	Zinc	16.7	+/-20	U	40.0	P	07/31/2025	14:06	LB136666

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: METEM A GE POWER Business

SDG No.: Q2724

Contract: METE01

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Cadmium	0.50	+/-3	U	6.00	P	07/31/2025	15:11	LB136666
	Chromium	2.12	+/-5	U	10.0	P	07/31/2025	15:11	LB136666
	Copper	4.60	+/-10	U	20.0	P	07/31/2025	15:11	LB136666
	Lead	2.30	+/-6	U	12.0	P	07/31/2025	15:11	LB136666
	Nickel	3.06	+/-20	U	40.0	P	07/31/2025	15:11	LB136666
	Silver	1.62	+/-5	U	10.0	P	07/31/2025	15:11	LB136666
	Zinc	16.7	+/-20	U	40.0	P	07/31/2025	15:11	LB136666
CCB02	Cadmium	0.50	+/-3	U	6.00	P	07/31/2025	16:02	LB136666
	Chromium	2.12	+/-5	U	10.0	P	07/31/2025	16:02	LB136666
	Copper	4.60	+/-10	U	20.0	P	07/31/2025	16:02	LB136666
	Lead	2.30	+/-6	U	12.0	P	07/31/2025	16:02	LB136666
	Nickel	3.06	+/-20	U	40.0	P	07/31/2025	16:02	LB136666
	Silver	1.62	+/-5	U	10.0	P	07/31/2025	16:02	LB136666
	Zinc	16.7	+/-20	U	40.0	P	07/31/2025	16:02	LB136666
CCB03	Cadmium	0.50	+/-3	U	6.00	P	07/31/2025	16:53	LB136666
	Chromium	2.12	+/-5	U	10.0	P	07/31/2025	16:53	LB136666
	Copper	4.60	+/-10	U	20.0	P	07/31/2025	16:53	LB136666
	Lead	2.30	+/-6	U	12.0	P	07/31/2025	16:53	LB136666
	Nickel	3.06	+/-20	U	40.0	P	07/31/2025	16:53	LB136666
	Silver	1.62	+/-5	U	10.0	P	07/31/2025	16:53	LB136666
	Zinc	16.7	+/-20	U	40.0	P	07/31/2025	16:53	LB136666
CCB04	Cadmium	0.50	+/-3	U	6.00	P	07/31/2025	17:24	LB136666
	Chromium	2.12	+/-5	U	10.0	P	07/31/2025	17:24	LB136666
	Copper	4.60	+/-10	U	20.0	P	07/31/2025	17:24	LB136666
	Lead	2.30	+/-6	U	12.0	P	07/31/2025	17:24	LB136666
	Nickel	3.06	+/-20	U	40.0	P	07/31/2025	17:24	LB136666
	Silver	1.62	+/-5	U	10.0	P	07/31/2025	17:24	LB136666
	Zinc	16.7	+/-20	U	40.0	P	07/31/2025	17:24	LB136666
CCB05	Cadmium	0.50	+/-3	U	6.00	P	07/31/2025	18:25	LB136666
	Chromium	2.12	+/-5	U	10.0	P	07/31/2025	18:25	LB136666
	Copper	4.60	+/-10	U	20.0	P	07/31/2025	18:25	LB136666
	Lead	2.30	+/-6	U	12.0	P	07/31/2025	18:25	LB136666
	Nickel	3.06	+/-20	U	40.0	P	07/31/2025	18:25	LB136666
	Silver	1.62	+/-5	U	10.0	P	07/31/2025	18:25	LB136666
	Zinc	16.7	+/-20	U	40.0	P	07/31/2025	18:25	LB136666
CCB06	Cadmium	0.50	+/-3	U	6.00	P	07/31/2025	19:22	LB136666
	Chromium	2.12	+/-5	U	10.0	P	07/31/2025	19:22	LB136666
	Copper	4.60	+/-10	U	20.0	P	07/31/2025	19:22	LB136666
	Lead	2.30	+/-6	U	12.0	P	07/31/2025	19:22	LB136666

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: METEM A GE POWER Business

SDG No.: Q2724

Contract: METE01

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB06	Nickel	3.06	+/-20	U	40.0	P	07/31/2025	19:22	LB136666
	Silver	1.62	+/-5	U	10.0	P	07/31/2025	19:22	LB136666
	Zinc	16.7	+/-20	U	40.0	P	07/31/2025	19:22	LB136666
CCB07	Cadmium	0.50	+/-3	U	6.00	P	07/31/2025	20:04	LB136666
	Chromium	2.12	+/-5	U	10.0	P	07/31/2025	20:04	LB136666
	Copper	4.60	+/-10	U	20.0	P	07/31/2025	20:04	LB136666
	Lead	2.30	+/-6	U	12.0	P	07/31/2025	20:04	LB136666
	Nickel	3.06	+/-20	U	40.0	P	07/31/2025	20:04	LB136666
	Silver	1.62	+/-5	U	10.0	P	07/31/2025	20:04	LB136666
	Zinc	16.7	+/-20	U	40.0	P	07/31/2025	20:04	LB136666

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: METEM A GE POWER Business

SDG No.: Q2724

Contract: METE01

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
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Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: METEM A GE POWER Business

SDG No.: Q2724

Instrument: P4

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB169059BL	WATER			Batch Number:	PB169059		Prep Date:	07/30/2025	
	Cadmium	0.31	<1.5	U	3.00	P	07/31/2025	15:28	LB136666
	Chromium	0.53	<2.5	U	5.00	P	07/31/2025	15:28	LB136666
	Copper	1.89	<5	U	10.0	P	07/31/2025	15:28	LB136666
	Lead	1.21	<3	U	6.00	P	07/31/2025	15:28	LB136666
	Nickel	1.90	<10	U	20.0	P	07/31/2025	15:28	LB136666
	Silver	0.81	<2.5	U	5.00	P	07/31/2025	15:28	LB136666
	Zinc	2.00	<10	U	20.0	P	07/31/2025	15:28	LB136666

Metals
- 4 -
INTERFERENCE CHECK SAMPLE

Client: METEM A GE POWER Business

SDG No.: Q2724

Contract: METE01

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	Cadmium	0.36	1.0	36	-5	7	07/31/2025	14:33	LB136666
	Chromium	54.9	52.0	106	42	62	07/31/2025	14:33	LB136666
	Copper	-2.66	2.0	133	-18	22	07/31/2025	14:33	LB136666
	Lead	-5.42			-12	12	07/31/2025	14:33	LB136666
	Nickel	3.34	2.0	167	-38	42	07/31/2025	14:33	LB136666
	Silver	2.78			-10	10	07/31/2025	14:33	LB136666
	Zinc	1.26			-40	40	07/31/2025	14:33	LB136666
ICSAB01	Cadmium	905	972	93	826	1120	07/31/2025	14:40	LB136666
	Chromium	522	542	96	460	624	07/31/2025	14:40	LB136666
	Copper	455	511	89	434	588	07/31/2025	14:40	LB136666
	Lead	40.2	49.0	82	37	61	07/31/2025	14:40	LB136666
	Nickel	935	954	98	810	1100	07/31/2025	14:40	LB136666
	Silver	207	201	103	170	232	07/31/2025	14:40	LB136666
	Zinc	996	952	105	809	1095	07/31/2025	14:40	LB136666
ICSA	Cadmium	-0.080	1.0	8	-5	7	07/31/2025	14:51	LB136666
	Chromium	40.9	52.0	79	42	62	07/31/2025	14:51	LB136666
	Copper	-3.18	2.0	159	-18	22	07/31/2025	14:51	LB136666
	Lead	4.57			-12	12	07/31/2025	14:51	LB136666
	Nickel	3.13	2.0	156	-38	42	07/31/2025	14:51	LB136666
	Silver	13.8			-10	10	07/31/2025	14:51	LB136666
	Zinc	-21.5			-40	40	07/31/2025	14:51	LB136666
ICSAB	Cadmium	894	972	92	826	1120	07/31/2025	14:56	LB136666
	Chromium	524	542	97	460	624	07/31/2025	14:56	LB136666
	Copper	490	511	96	434	588	07/31/2025	14:56	LB136666
	Lead	33.8	49.0	69	37	61	07/31/2025	14:56	LB136666
	Nickel	935	954	98	810	1100	07/31/2025	14:56	LB136666
	Silver	206	201	102	170	232	07/31/2025	14:56	LB136666
	Zinc	976	952	102	809	1095	07/31/2025	14:56	LB136666



METAL

QC

DATA

metals
- 5a -
MATRIX SPIKE SUMMARY

client: <u>METEM A GE POWER Business</u>	level: <u>low</u>	sdg no.: <u>Q2724</u>
contract: <u>METE01</u>		lab code: <u>ACE</u>
matrix: <u>Water</u>	sample id: <u>Q2724-01</u>	client id: <u>WASTEWATER Q3MS</u>
Percent Solids for Sample: <u>NA</u>	Spiked ID: <u>Q2724-01MS</u>	Percent Solids for Spike Sample: <u>NA</u>

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Cadmium	ug/L	75 - 125	90.7		3.00	U	100	91		P
Chromium	ug/L	75 - 125	201		13.4		200	94		P
Copper	ug/L	75 - 125	440		280		150	107		P
Lead	ug/L	75 - 125	430		6.00	U	500	86		P
Nickel	ug/L	75 - 125	407		159		250	99		P
Silver	ug/L	75 - 125	36.5		5.00	U	37.5	97		P
Zinc	ug/L	75 - 125	131		26.5		100	105		P

metals
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MATRIX SPIKE DUPLICATE SUMMARY

client: <u>METEM A GE POWER Business</u>	level: <u>low</u>	sdg no.: <u>Q2724</u>
contract: <u>METE01</u>		lab code: <u>ACE</u>
matrix: <u>Water</u>	sample id: <u>Q2724-01</u>	client id: <u>WASTEWATER Q3MSD</u>
Percent Solids for Sample: <u>NA</u>	Spiked ID: <u>Q2724-01MSD</u>	Percent Solids for Spike Sample: <u>NA</u>

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Cadmium	ug/L	75 - 125	84.3		3.00	U	100	84		P
Chromium	ug/L	75 - 125	189		13.4		200	88		P
Copper	ug/L	75 - 125	427		280		150	98		P
Lead	ug/L	75 - 125	399		6.00	U	500	80		P
Nickel	ug/L	75 - 125	387		159		250	91		P
Silver	ug/L	75 - 125	34.9		5.00	U	37.5	93		P
Zinc	ug/L	75 - 125	125		26.5		100	98		P

Metals
- 5b -

Client: METEM A GE POWER Business

SDG No.: Q2724

Contract: METE01

Lab Code: ACE

Matrix: _____

Level: LOW

Client ID: _____

Sample ID: _____ **Spiked ID:** _____

Analyte	Units	Acceptance Limit %R	C	Sample Result	C	Spike Added	% Recovery	Qual	M
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Metals

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DUPLICATE SAMPLE SUMMARY

Client: METEM A GE POWER Business **Level:** LOW **SDG No.:** Q2724
Contract: METE01 **Lab Code:** ACE
Matrix: Water **Sample ID:** Q2724-01 **Client ID:** WASTEWATER Q3DUP
Percent Solids for Sample: NA **Duplicate ID** Q2724-01DUP **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Cadmium	ug/L	20	3.00	U	3.00	U			P
Chromium	ug/L	20	13.4		13.4		0		P
Copper	ug/L	20	280		280		0		P
Lead	ug/L	20	6.00	U	6.00	U			P
Nickel	ug/L	20	159		159		0		P
Silver	ug/L	20	5.00	U	5.00	U			P
Zinc	ug/L	20	26.5		26.6		0		P

Metals

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DUPLICATE SAMPLE SUMMARY

Client: METEM A GE POWER Business **Level:** LOW **SDG No.:** Q2724
Contract: METE01 **Lab Code:** ACE
Matrix: Water **Sample ID:** Q2724-01MS **Client ID:** WASTEWATER Q3MSD
Percent Solids for Sample: NA **Duplicate ID** Q2724-01MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Cadmium	ug/L	20	90.7		84.3		7		P
Chromium	ug/L	20	201		189		6		P
Copper	ug/L	20	440		427		3		P
Lead	ug/L	20	430		399		7		P
Nickel	ug/L	20	407		387		5		P
Silver	ug/L	20	36.5		34.9		4		P
Zinc	ug/L	20	131		125		5		P

Metals

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LABORATORY CONTROL SAMPLE SUMMARY

Client: METEM A GE POWER Business

SDG No.: Q2724

Contract: METE01

Lab Code: ACE

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB169059BS							
Cadmium	ug/L	100	92.2		92	85 - 115	P
Chromium	ug/L	200	200		100	85 - 115	P
Copper	ug/L	150	155		103	85 - 115	P
Lead	ug/L	500	465		93	85 - 115	P
Nickel	ug/L	250	245		98	85 - 115	P
Silver	ug/L	37.5	38.4		102	85 - 115	P
Zinc	ug/L	100	106		106	85 - 115	P

Metals
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ICP SERIAL DILUTIONS

SAMPLE NO.

WASTEWATER Q3L

Lab Name: Alliance **Contract:** METE01
Lab Code: ACE **Lb No.:** lb136666 **Lab Sample ID :** Q2724-01L **SDG No.:** Q2724
Matrix (soil/water): Water **Level (low/med):** LOW
Concentration Units: ug/L

Analyte	Initial Sample Result (I)		Serial Dilution Result (S)		% Differ- ence	Q	M
Cadmium	3.00	U	15.0	U			P
Chromium	13.4		11.6	J	13		P
Copper	280		301		8		P
Lead	6.00	U	30.0	U			P
Nickel	159		165		4		P
Silver	5.00	U	25.0	U			P
Zinc	26.5		24.5	J	8		P



METAL PREPARATION & INSTRUMENT DATA

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: METEM A GE POWER Business

SDG No.: Q2724

Contract: METE01

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
Cadmium	226.502	0.0000000	0.0000000	0.0000930	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0000000	0.0007850	0.0000000	0.0000000
Lead	220.353	-0.0000920	0.0000000	0.0000380	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	-0.0001490	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0001050	0.0000000	0.0000000

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: METEM A GE POWER Business

SDG No.: Q2724

Contract: METE01

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
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0002870
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0000000	0.0000000	0.0000000	0.0009530
Lead	220.353	0.0000000	0.0003170	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: METEM A GE POWER Business

SDG No.: Q2724

Contract: METE01

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
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000070	0.0002200	0.0000000
Copper	224.700	0.0000000	0.0000000	0.0000000	0.0006510	0.0020500
Lead	220.353	0.0000000	0.0000000	0.0000000	0.0001400	-0.0008600
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	-0.0000120
Zinc	213.800	0.0000000	0.0009010	0.0000000	0.0000000	0.0000000

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: METEM A GE POWER Business

SDG No.: Q2724

Contract: METE01

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
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	-0.0047000	0.0036100	0.0000000	0.0000000
Lead	220.353	0.0000000	0.0006580	0.0000000	0.0000000	0.0001290
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0067600	0.0000000	0.0000000	0.0000000

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: METEM A GE POWER Business

SDG No.: Q2724

Contract: METE01

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
Cadmium	226.502	0.0000000	0.0000630	0.0001280	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0001110	0.0000000
Copper	224.700	0.0000000	0.0003840	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	-0.0003610	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.068	0.0000000	-0.0007420	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000



METAL PREPARATION & ANALYICAL SUMMARY

Metals

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SAMPLE PREPARATION SUMMARY

Client: METEM A GE POWER Business

SDG No.: Q2724

Contract: METE01

Lab Code: ACE

Method: _____

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
Batch Number: PB169059							
PB169059BL	PB169059BL	MB	WATER	07/30/2025	50.0	25.0	
PB169059BS	PB169059BS	LCS	WATER	07/30/2025	50.0	25.0	
Q2724-01	WASTEWATER Q3	SAM	WATER	07/30/2025	50.0	25.0	
Q2724-01DUP	WASTEWATER Q3DUP	DUP	WATER	07/30/2025	50.0	25.0	
Q2724-01MS	WASTEWATER Q3MS	MS	WATER	07/30/2025	50.0	25.0	
Q2724-01MSD	WASTEWATER Q3MSD	MSD	WATER	07/30/2025	50.0	25.0	

metals
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ANALYSIS RUN LOG

Client: METEM A GE POWER Business

Contract: METE01

Lab code: ACE

Sdg no.: Q2724

Instrument id number: _____ **Method:** _____

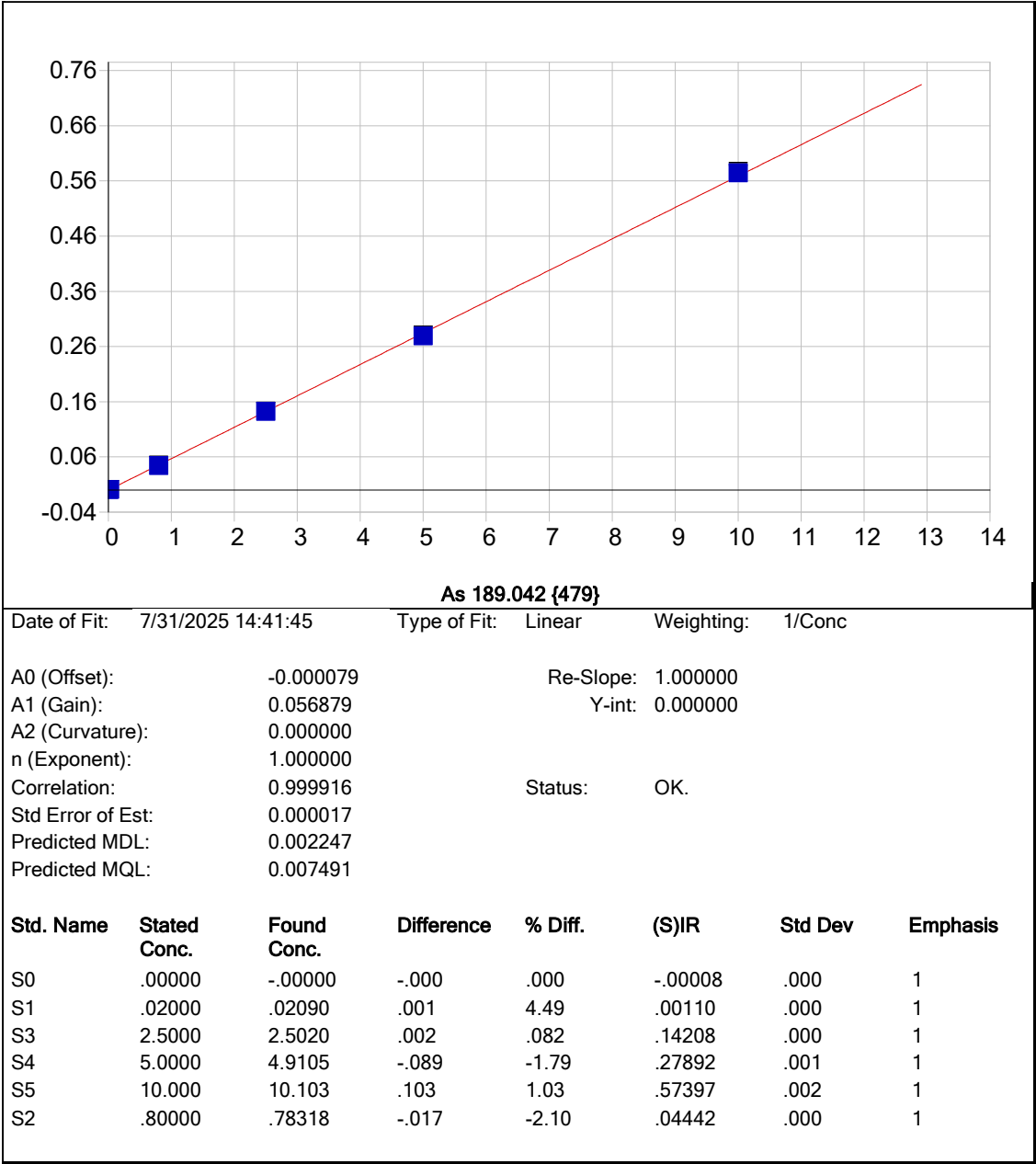
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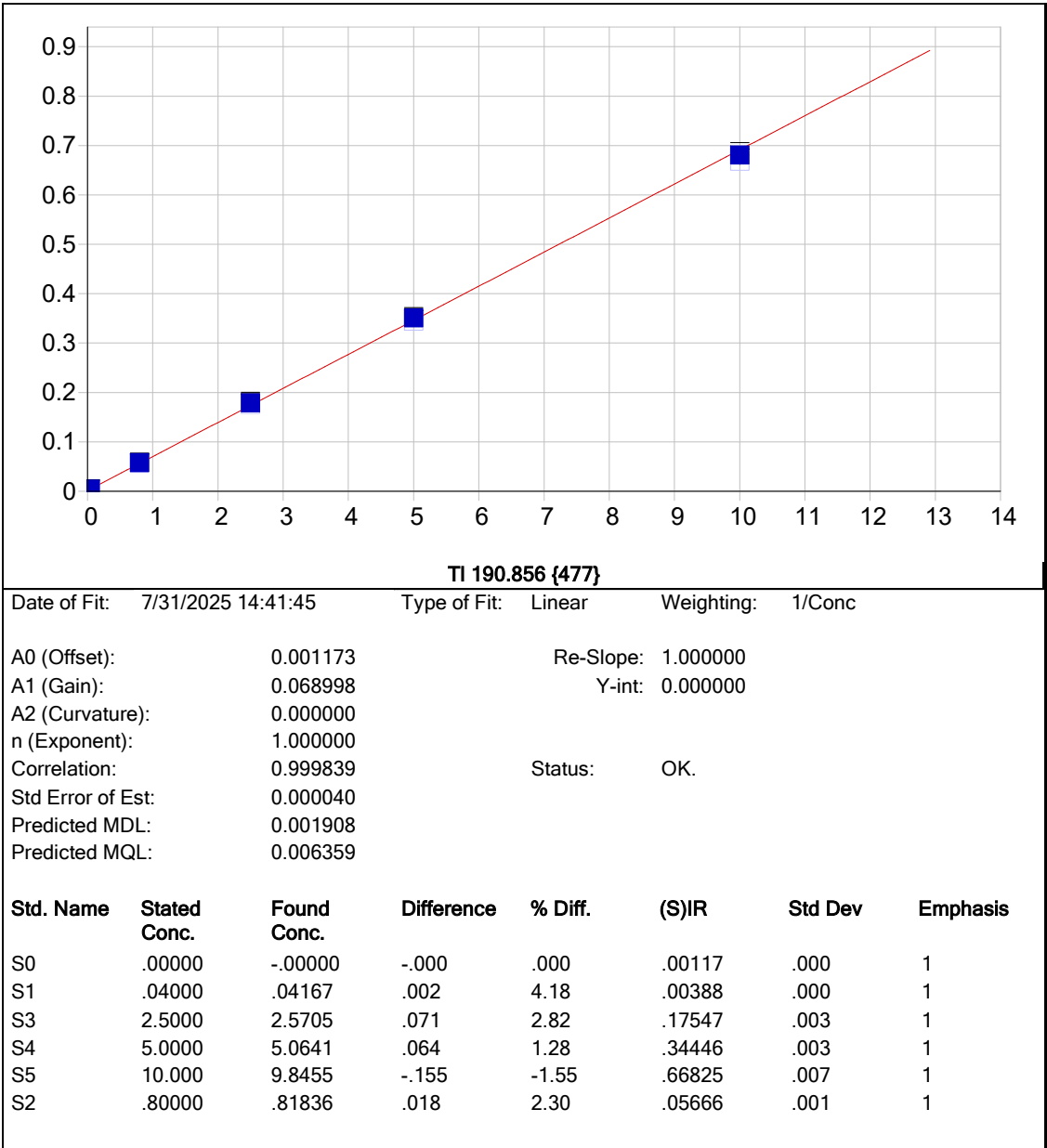
Start date: 07/31/2025 **End date:** 07/31/2025

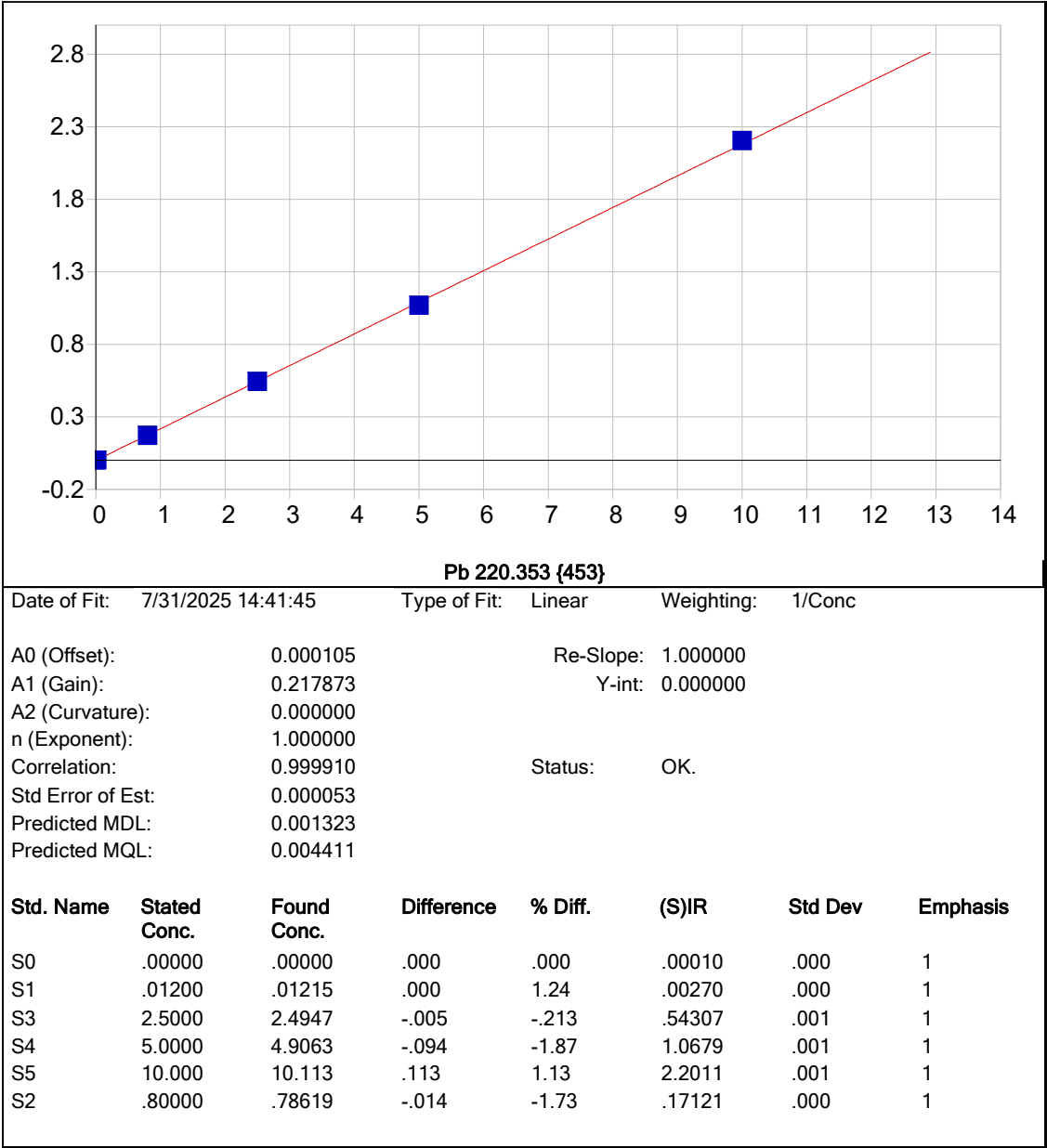
Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1303	Ag,Cd,Cr,Cu,Ni,Pb,Zn
S1	S1	1	1308	Ag,Cd,Cr,Cu,Ni,Pb,Zn
S2	S2	1	1312	Ag,Cd,Cr,Cu,Ni,Pb,Zn
S3	S3	1	1316	Ag,Cd,Cr,Cu,Ni,Pb,Zn
S4	S4	1	1320	Ag,Cd,Cr,Cu,Ni,Pb,Zn
S5	S5	1	1325	Ag,Cd,Cr,Cu,Ni,Pb,Zn
ICV01	ICV01	1	1351	Ag,Cd,Cr,Cu,Ni,Pb,Zn
LLICV01	LLICV01	1	1400	Ag,Cd,Cr,Cu,Ni,Pb,Zn
ICB01	ICB01	1	1406	Ag,Cd,Cr,Cu,Ni,Pb,Zn
CRI01	CRI01	1	1410	Ag,Cd,Cr,Cu,Ni,Pb,Zn
ICSA01	ICSA01	1	1433	Ag,Cd,Cr,Cu,Ni,Pb,Zn
ICSAB01	ICSAB01	1	1440	Ag,Cd,Cr,Cu,Ni,Pb,Zn
ICSA	ICSA	20	1451	Ag,Cd,Cr,Cu,Ni,Pb,Zn
ICSAB	ICSAB	20	1456	Ag,Cd,Cr,Cu,Ni,Pb,Zn
CCV01	CCV01	1	1506	Ag,Cd,Cr,Cu,Ni,Pb,Zn
CCB01	CCB01	1	1511	Ag,Cd,Cr,Cu,Ni,Pb,Zn
PB169059BL	PB169059BL	1	1528	Ag,Cd,Cr,Cu,Ni,Pb,Zn
PB169059BS	PB169059BS	1	1533	Ag,Cd,Cr,Cu,Ni,Pb,Zn
CCV02	CCV02	1	1558	Ag,Cd,Cr,Cu,Ni,Pb,Zn
CCB02	CCB02	1	1602	Ag,Cd,Cr,Cu,Ni,Pb,Zn
Q2724-01	WASTEWATER Q3	1	1645	Ag,Cd,Cr,Cu,Ni,Pb,Zn
CCV03	CCV03	1	1649	Ag,Cd,Cr,Cu,Ni,Pb,Zn
CCB03	CCB03	1	1653	Ag,Cd,Cr,Cu,Ni,Pb,Zn
Q2724-01DUP	WASTEWATER Q3DUP	1	1659	Ag,Cd,Cr,Cu,Ni,Pb,Zn
Q2724-01L	WASTEWATER Q3L	5	1703	Ag,Cd,Cr,Cu,Ni,Pb,Zn
Q2724-01MS	WASTEWATER Q3MS	1	1707	Ag,Cd,Cr,Cu,Ni,Pb,Zn
Q2724-01MSD	WASTEWATER Q3MSD	1	1712	Ag,Cd,Cr,Cu,Ni,Pb,Zn
CCV04	CCV04	1	1720	Ag,Cd,Cr,Cu,Ni,Pb,Zn
CCB04	CCB04	1	1724	Ag,Cd,Cr,Cu,Ni,Pb,Zn
CCV05	CCV05	1	1820	Ag,Cd,Cr,Cu,Ni,Pb,Zn
CCB05	CCB05	1	1825	Ag,Cd,Cr,Cu,Ni,Pb,Zn
CCV06	CCV06	1	1918	Ag,Cd,Cr,Cu,Ni,Pb,Zn
CCB06	CCB06	1	1922	Ag,Cd,Cr,Cu,Ni,Pb,Zn
CCV07	CCV07	1	2000	Ag,Cd,Cr,Cu,Ni,Pb,Zn
CCB07	CCB07	1	2004	Ag,Cd,Cr,Cu,Ni,Pb,Zn

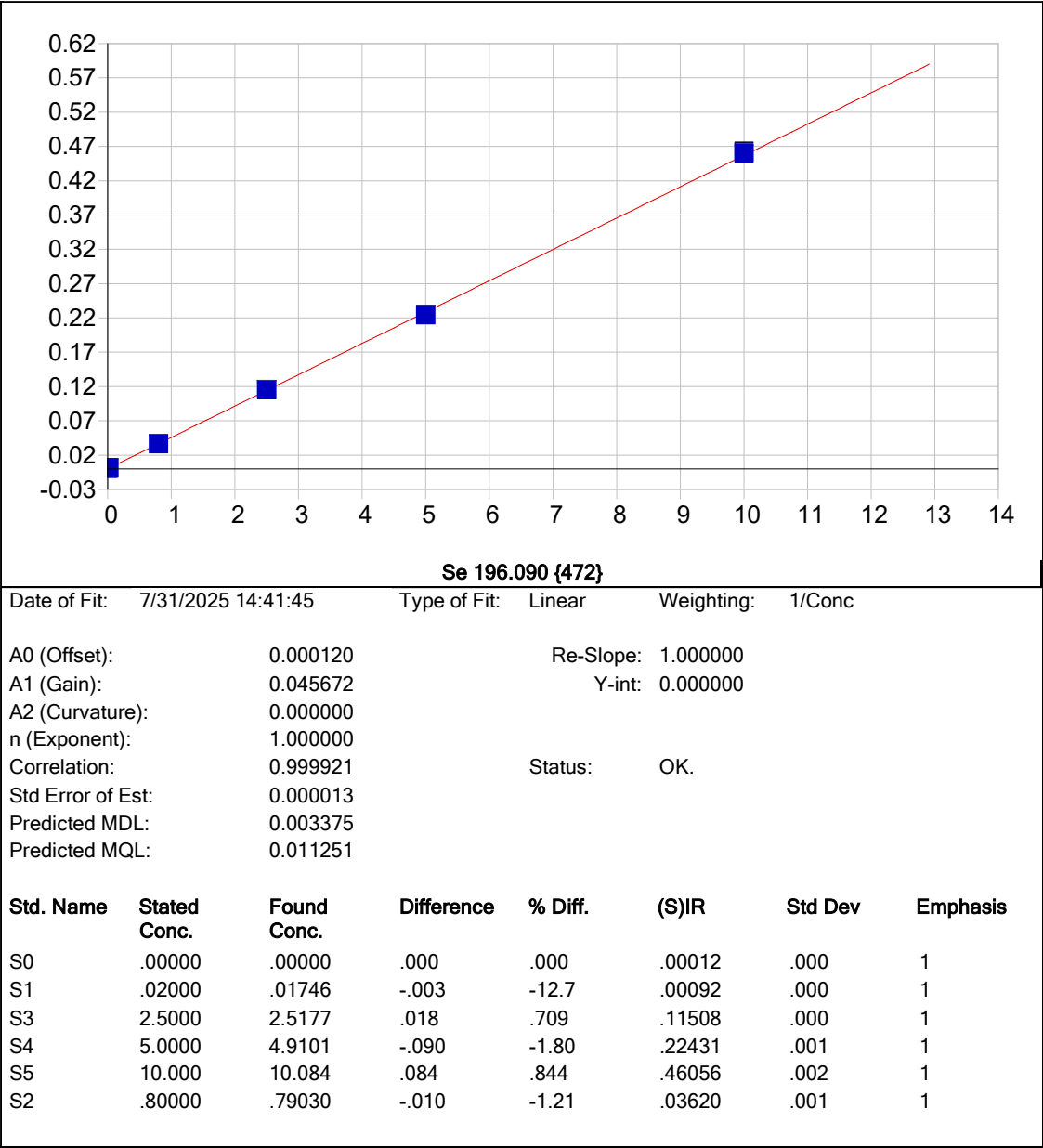


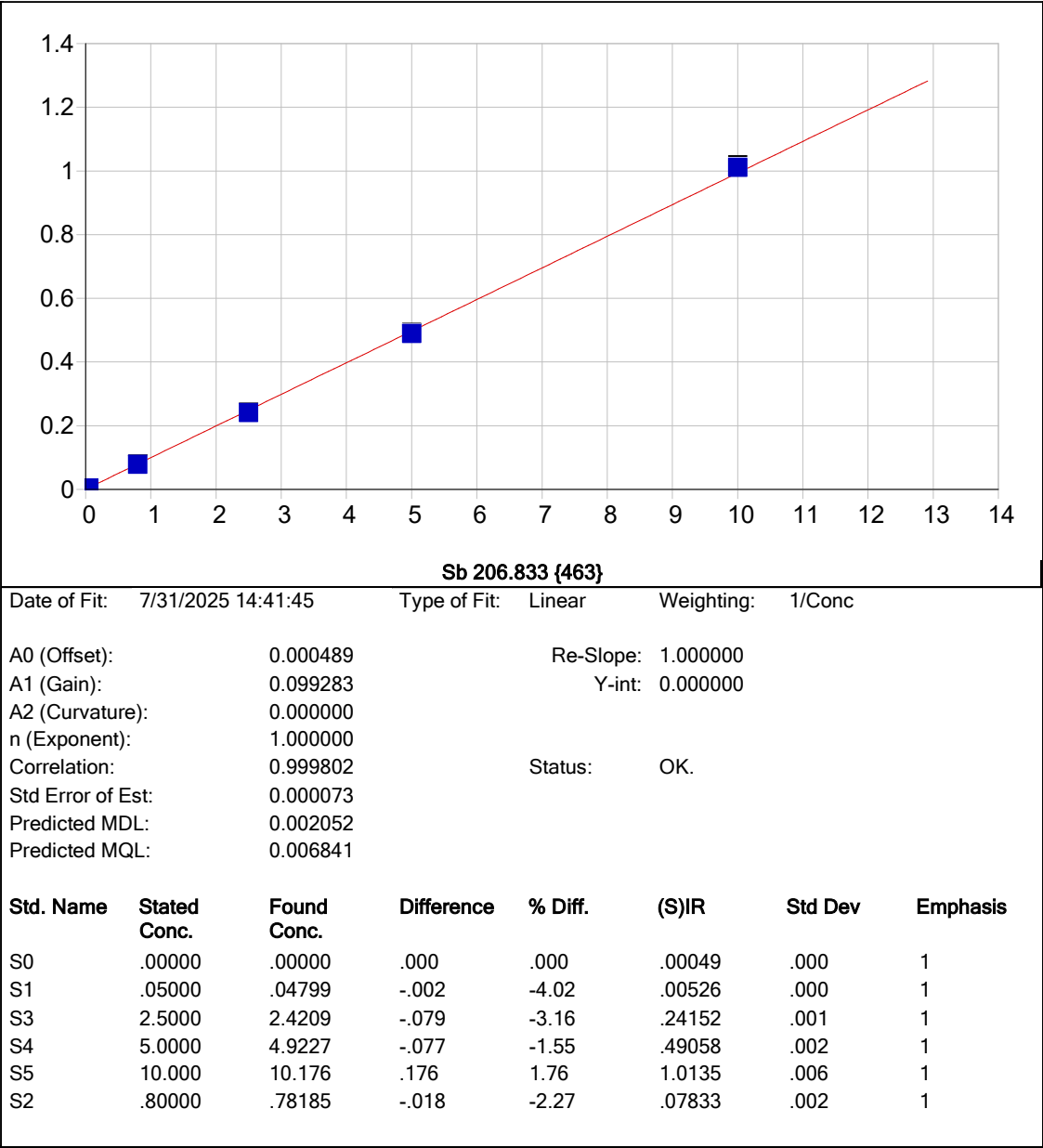
METAL RAW DATA

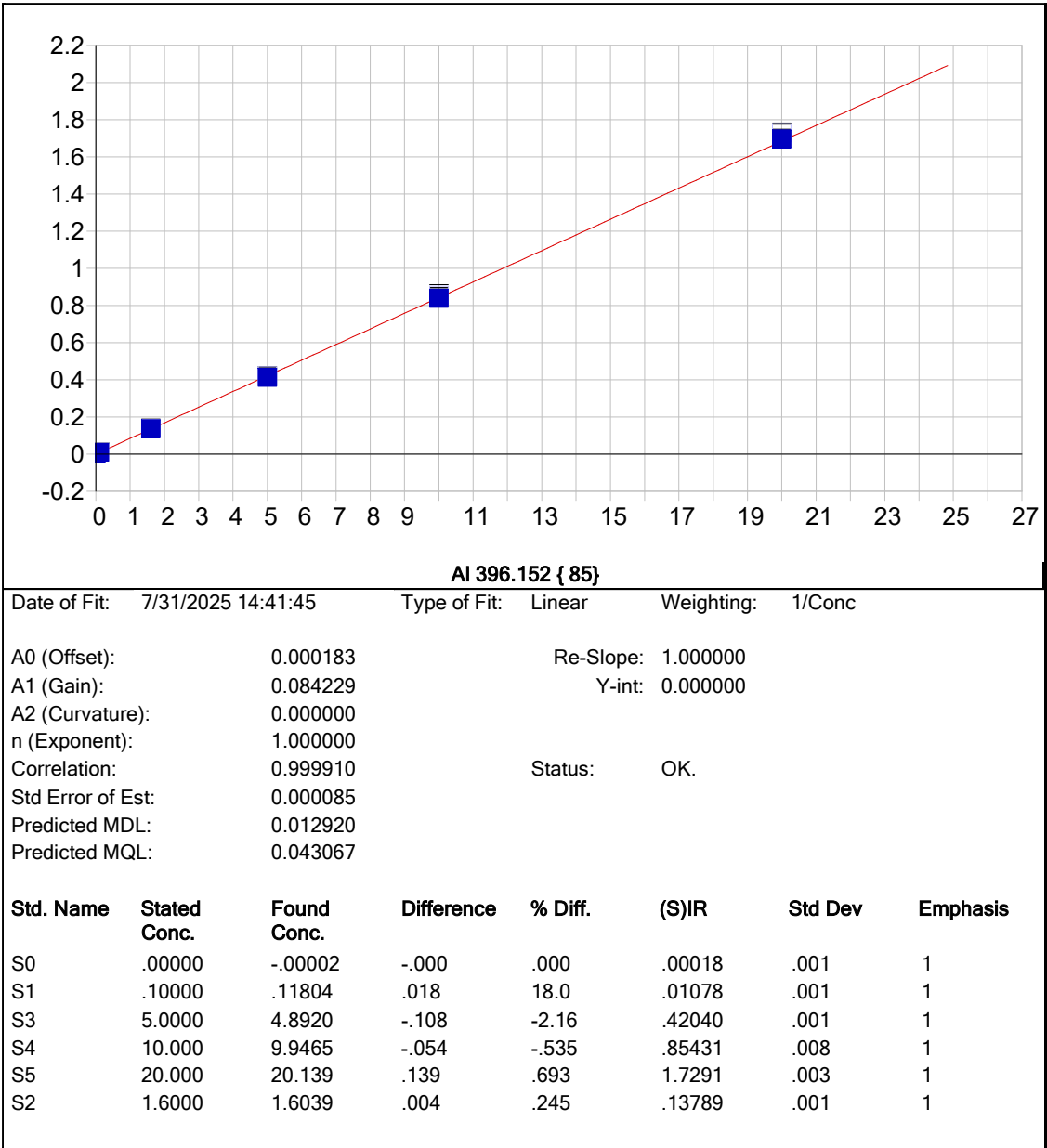


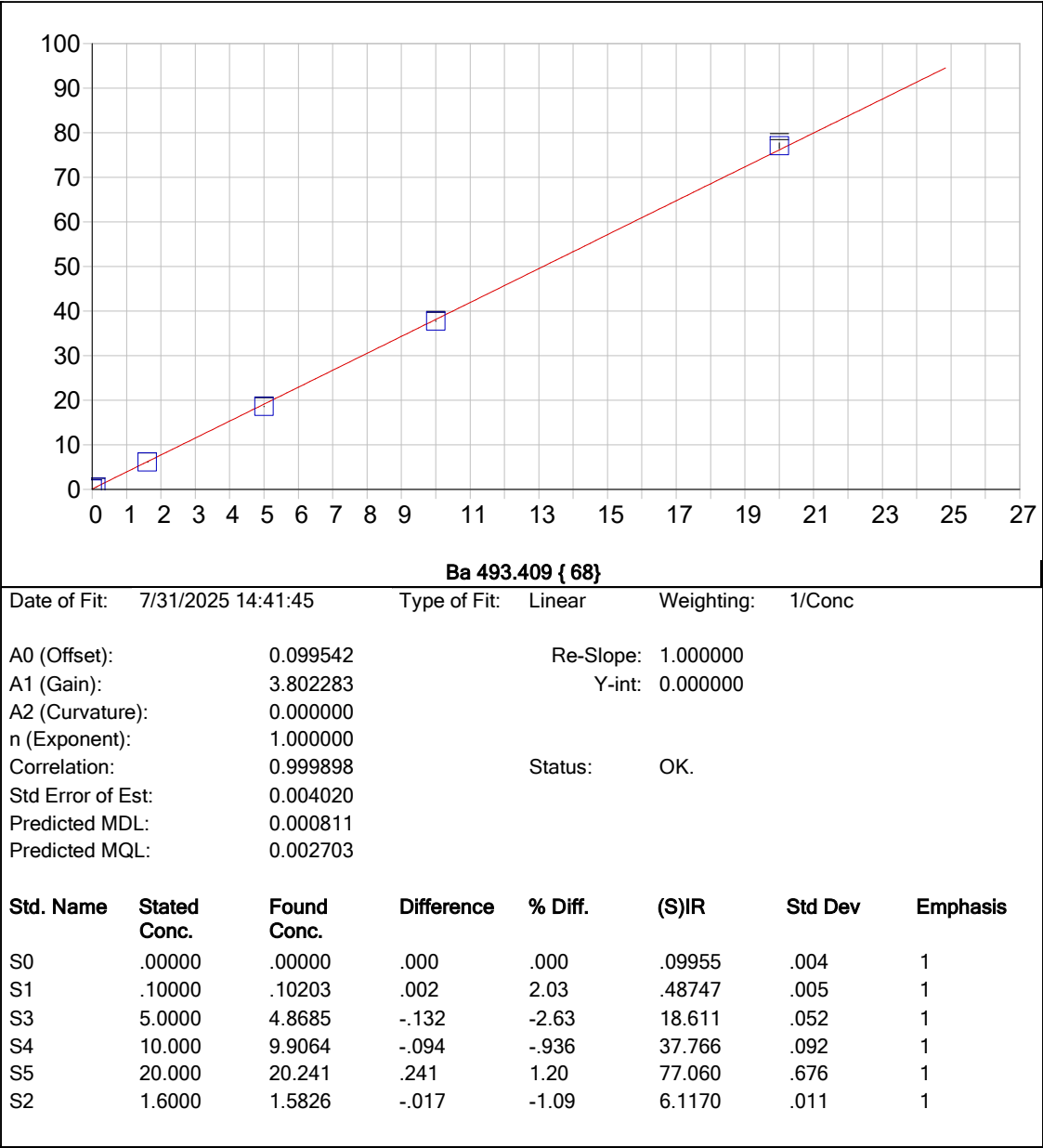


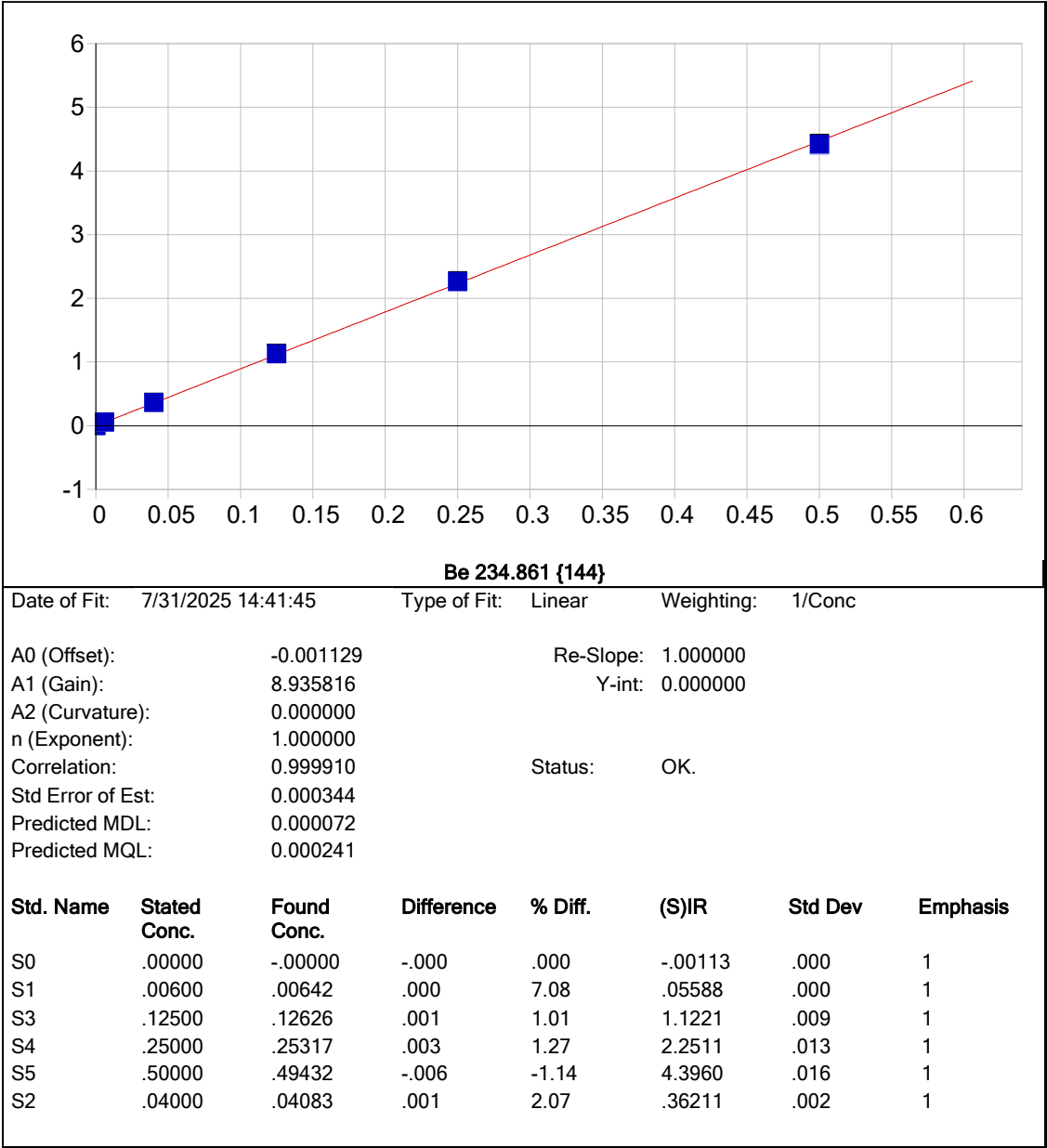


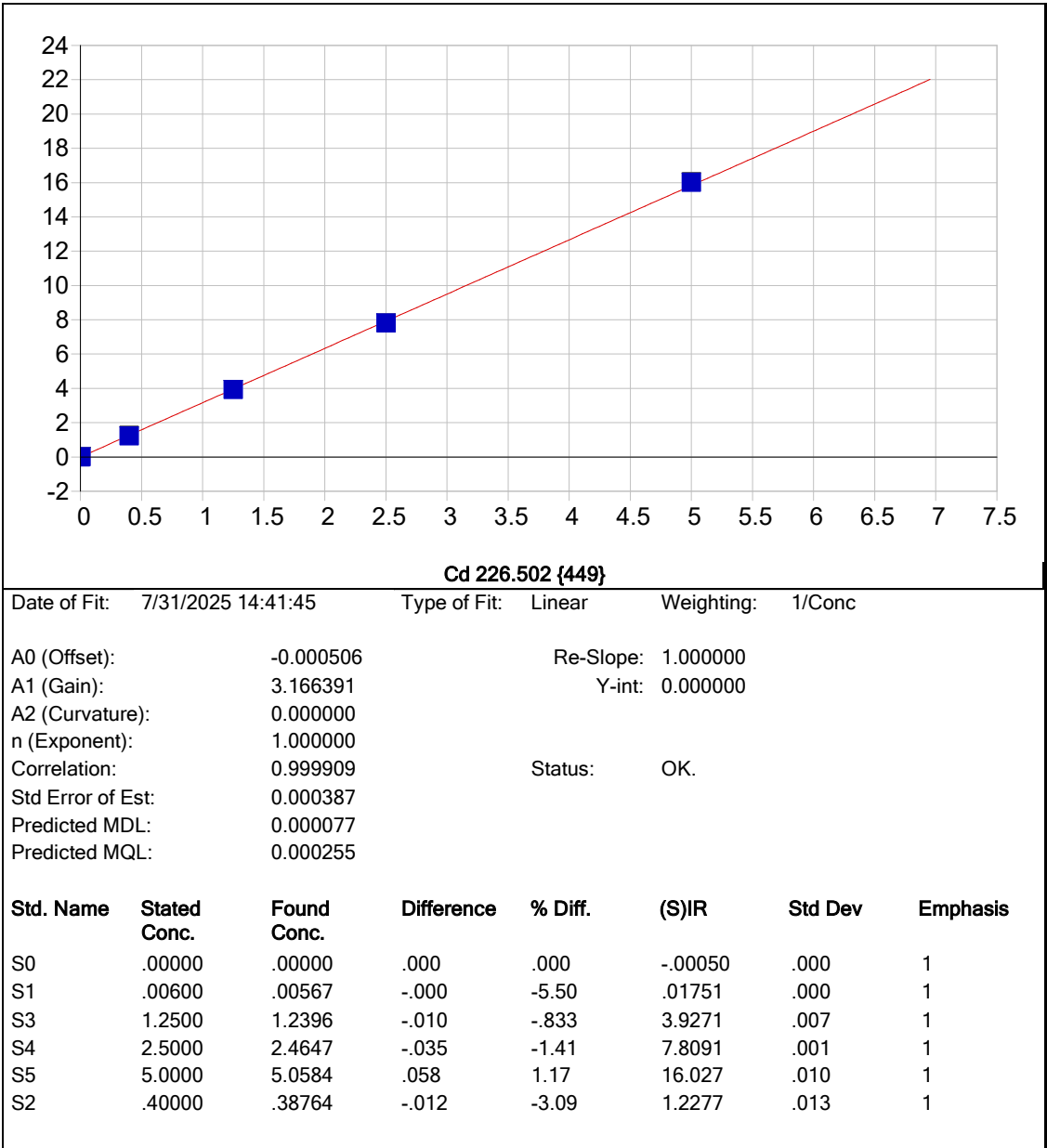


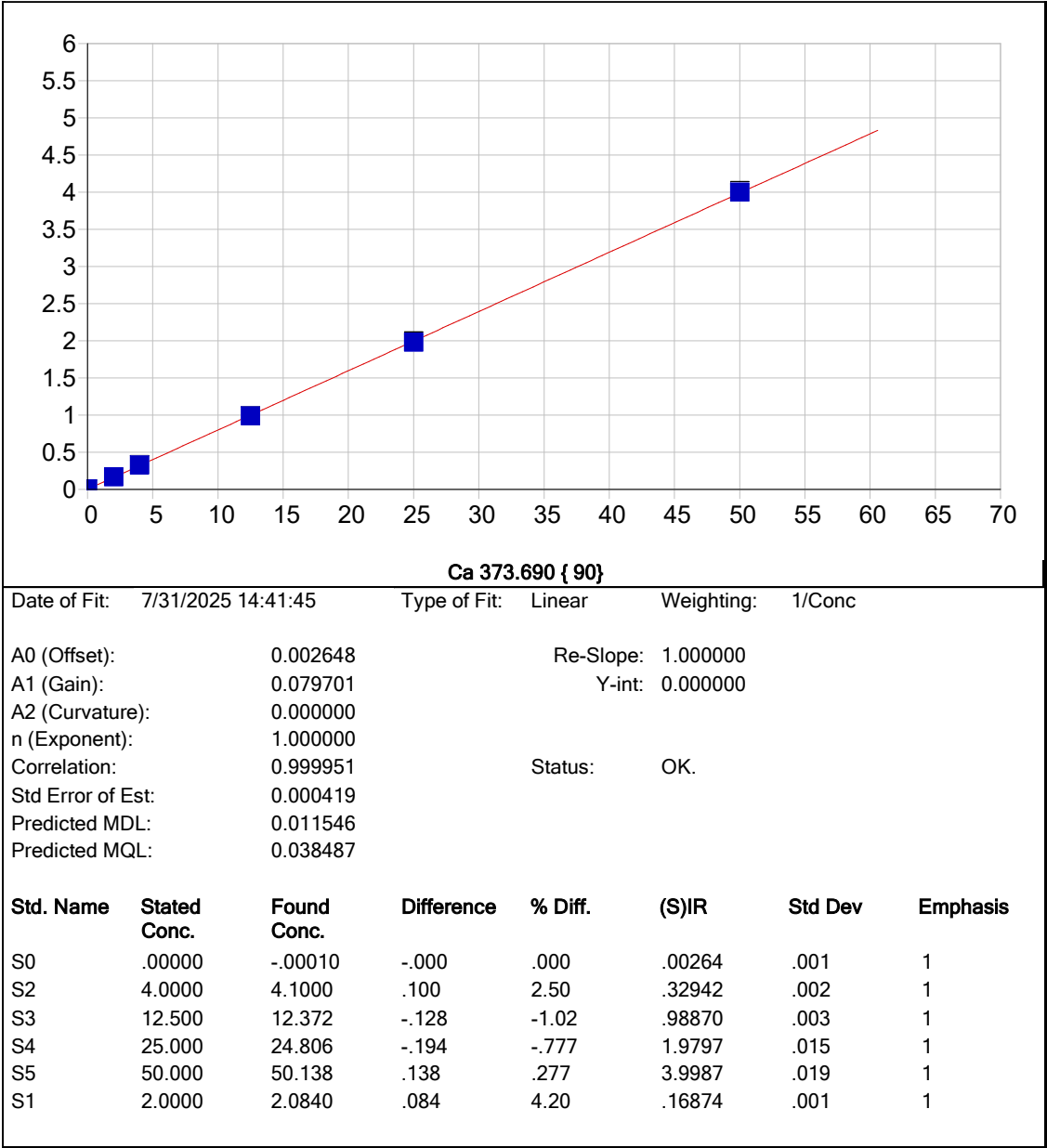


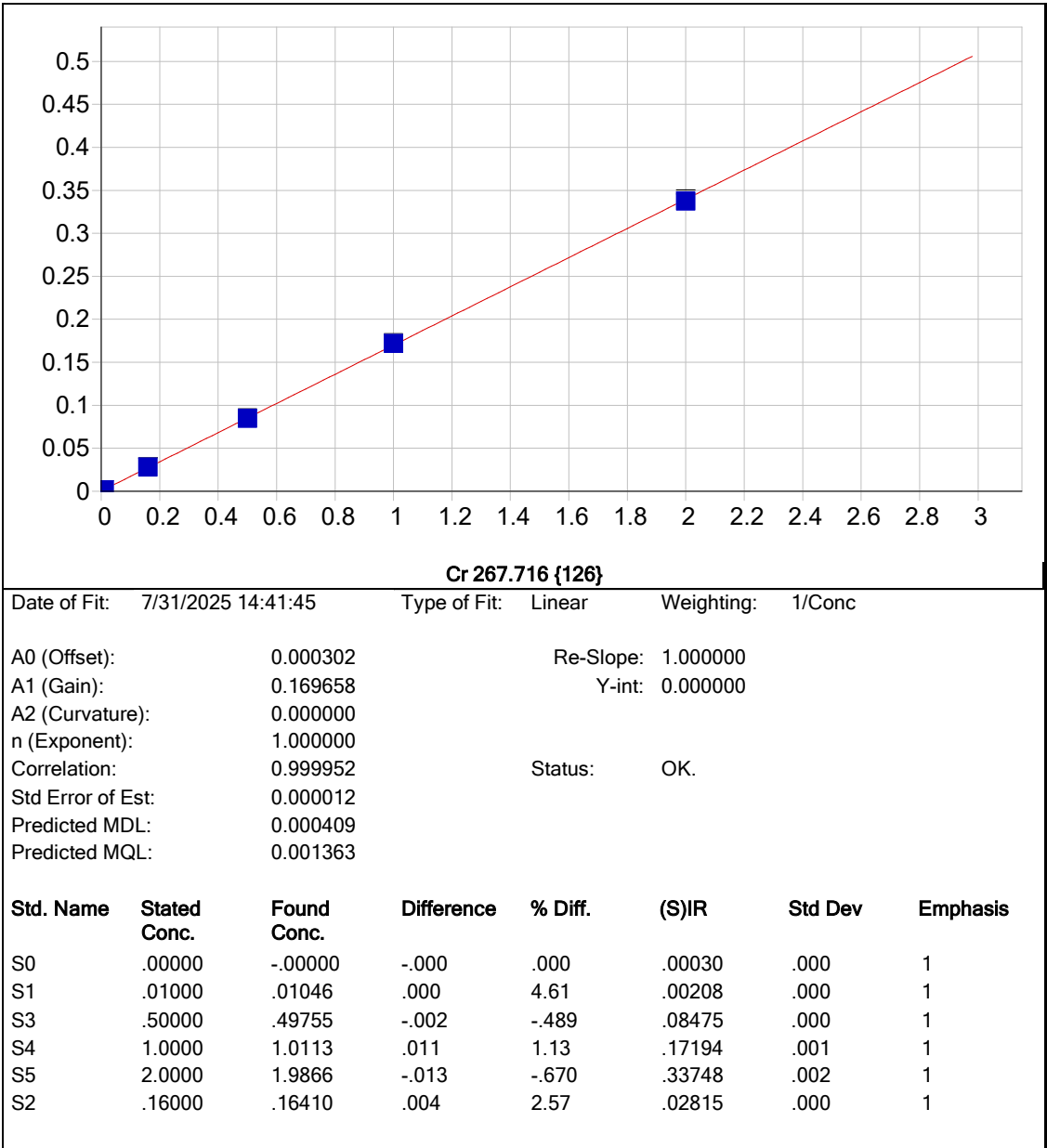


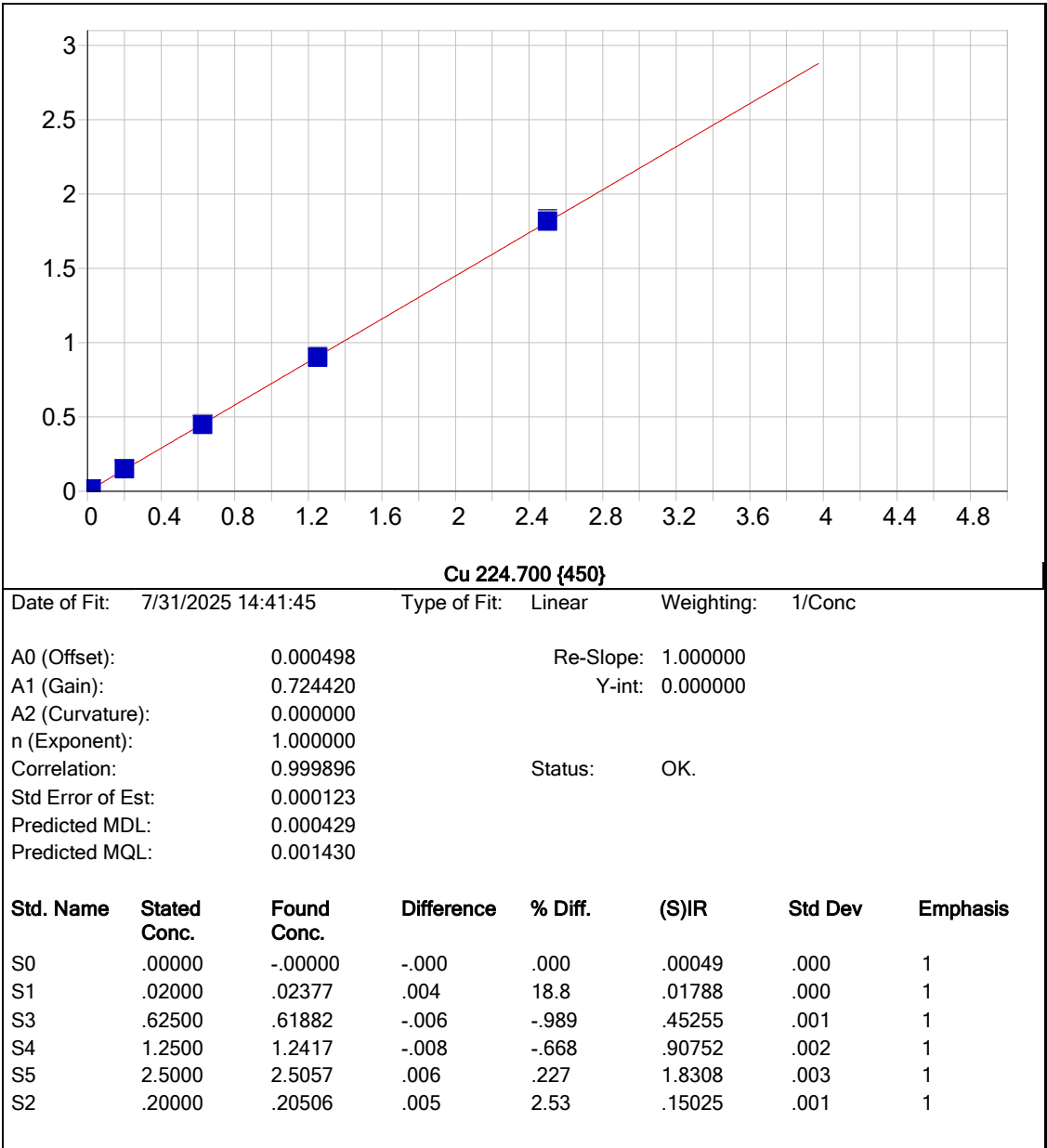


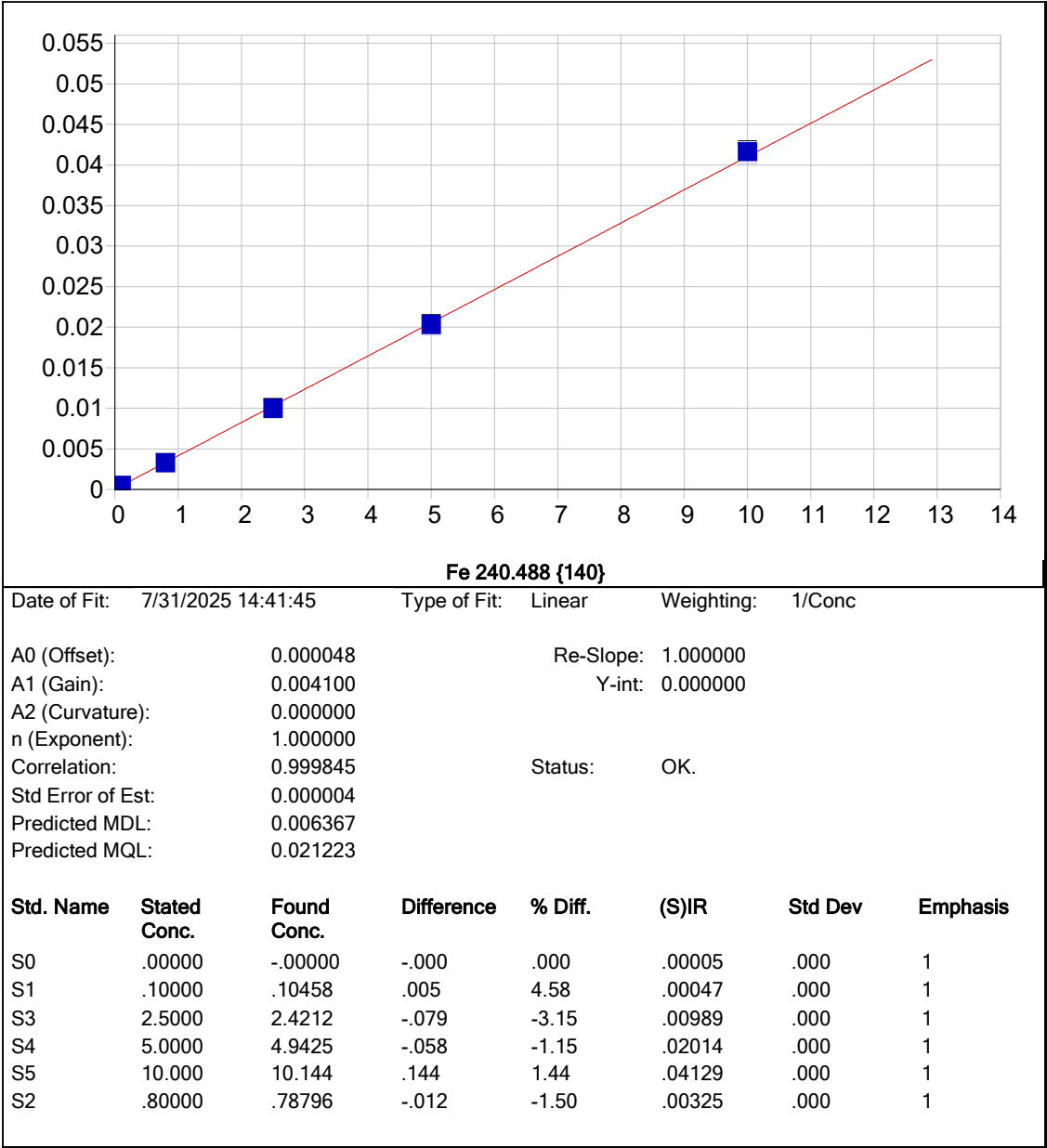


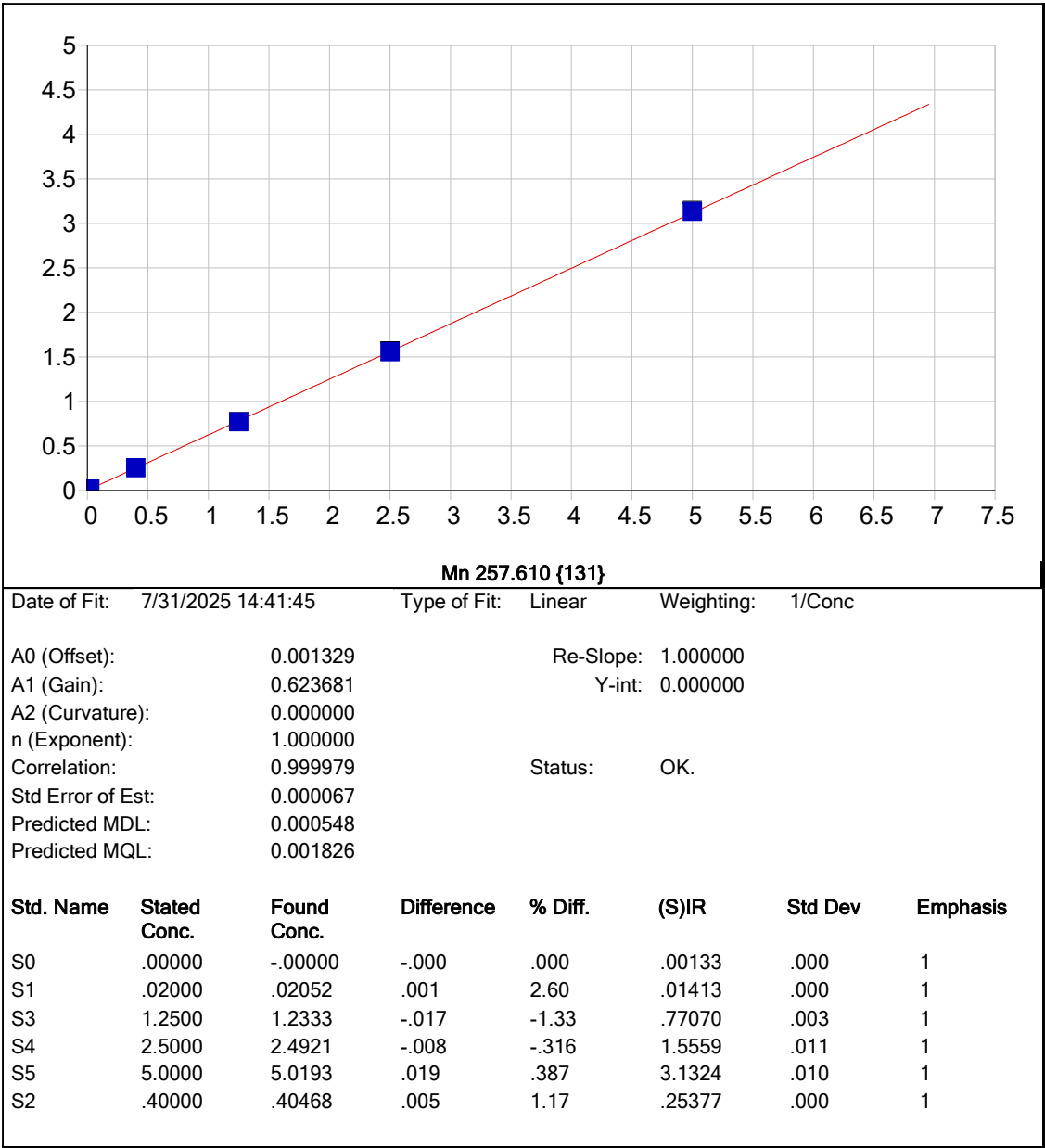


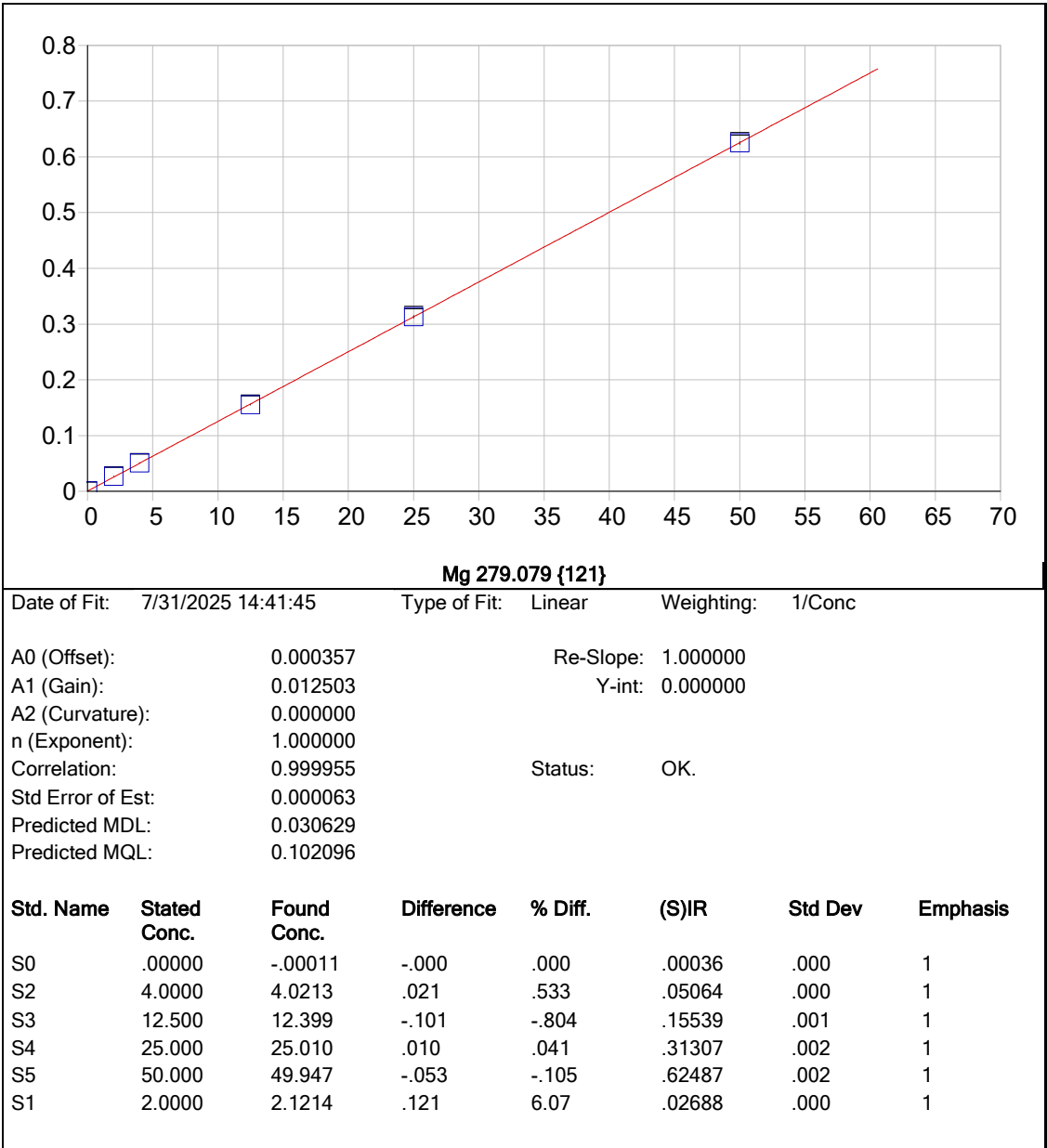


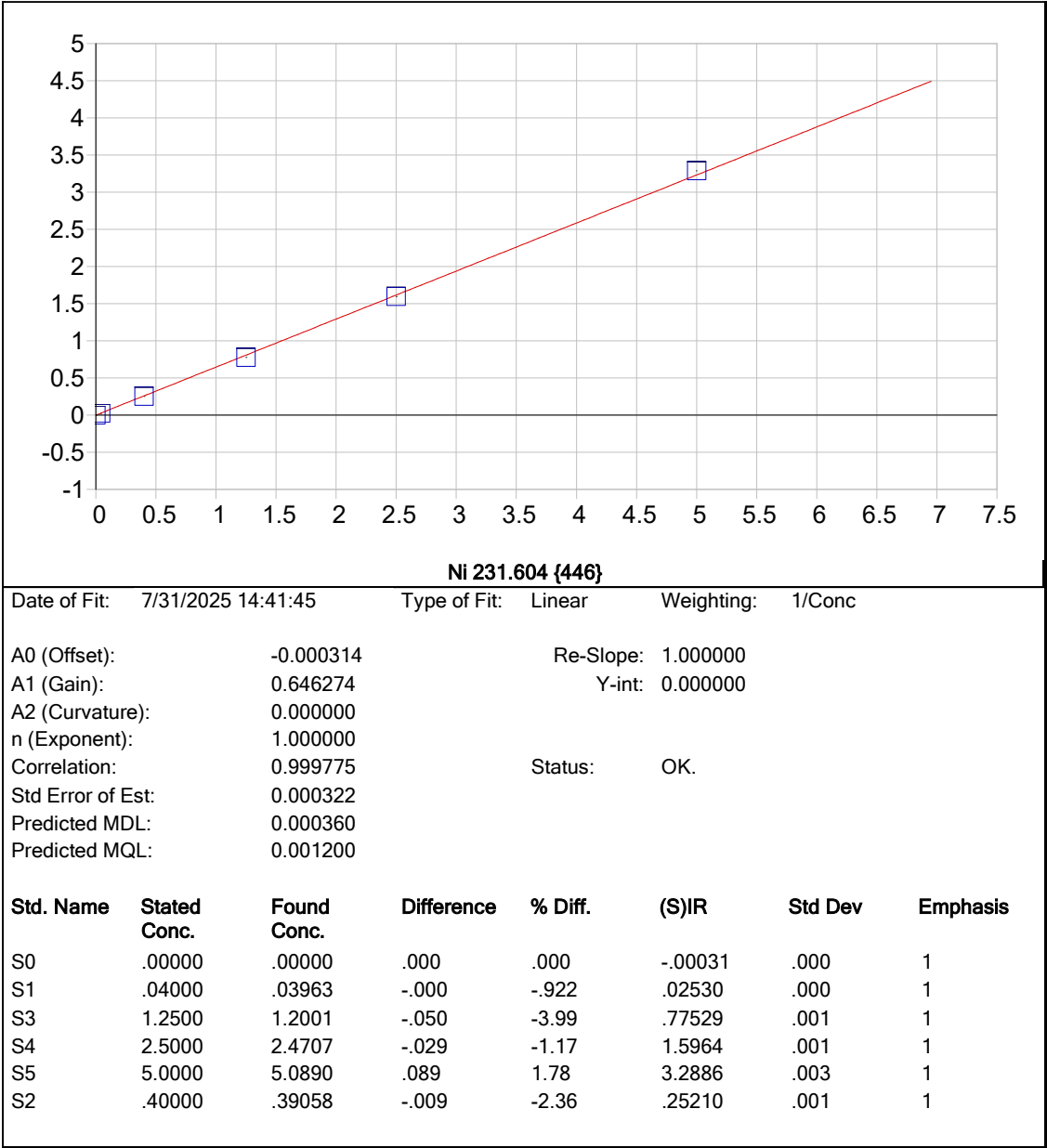


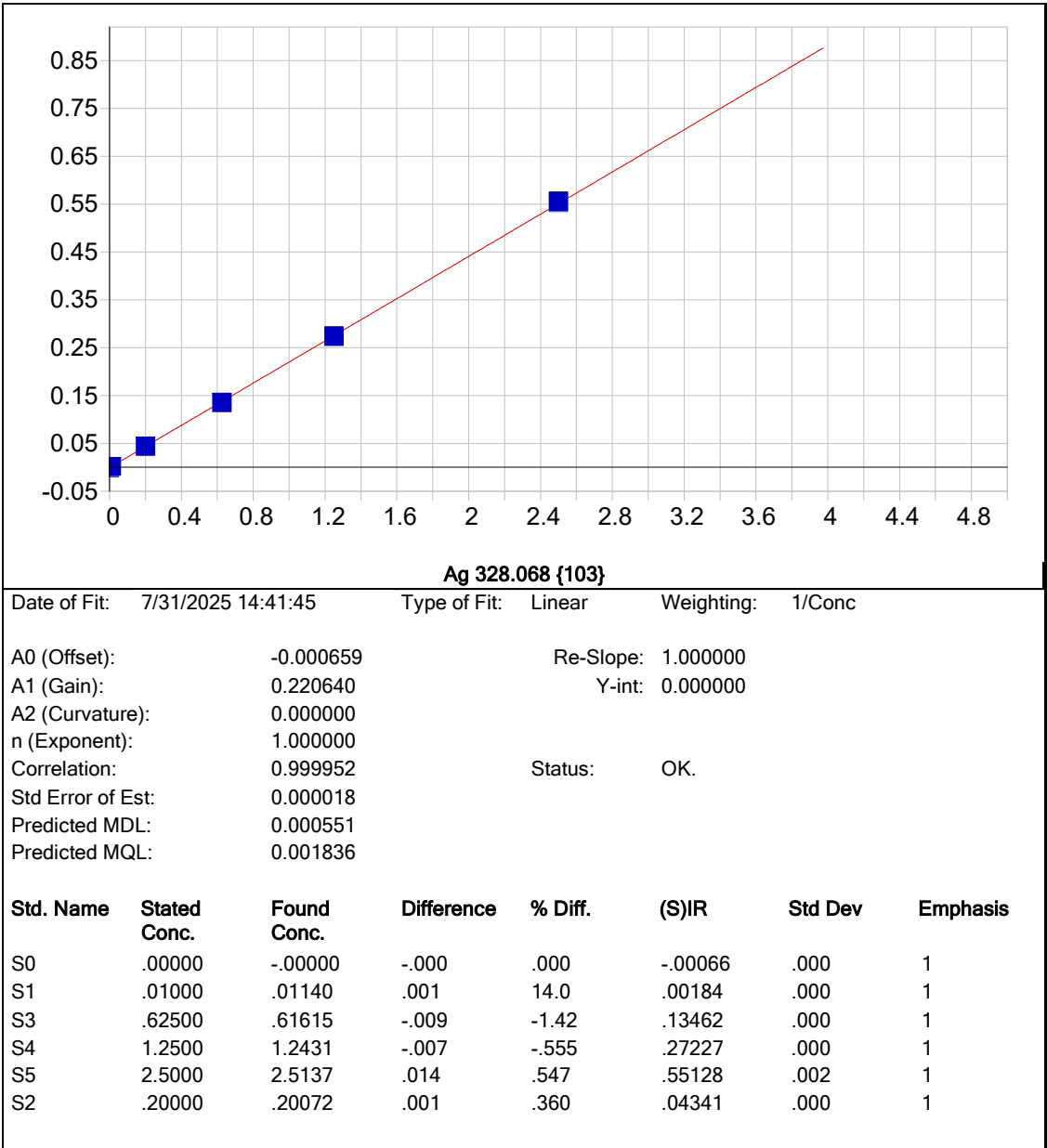


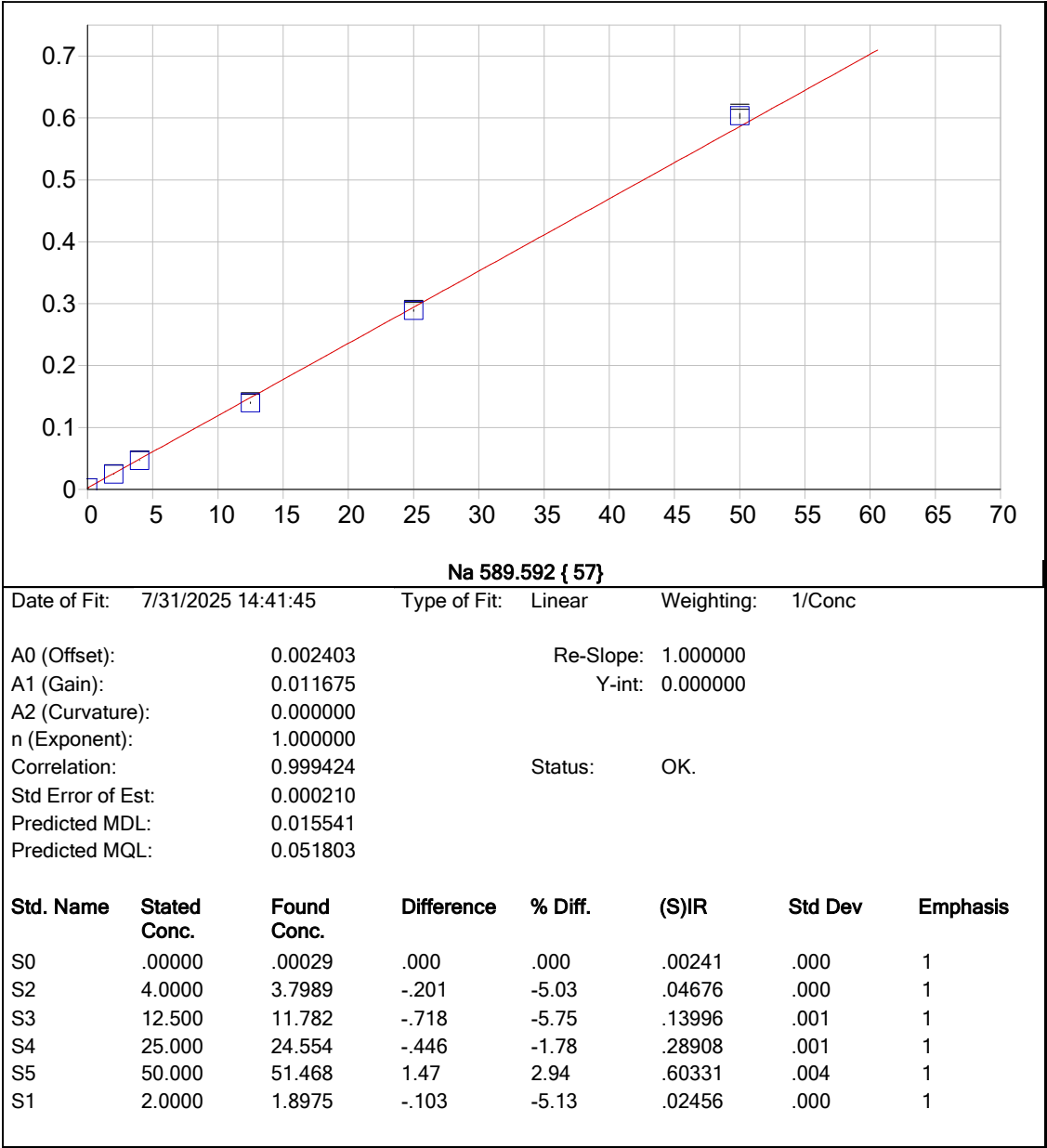


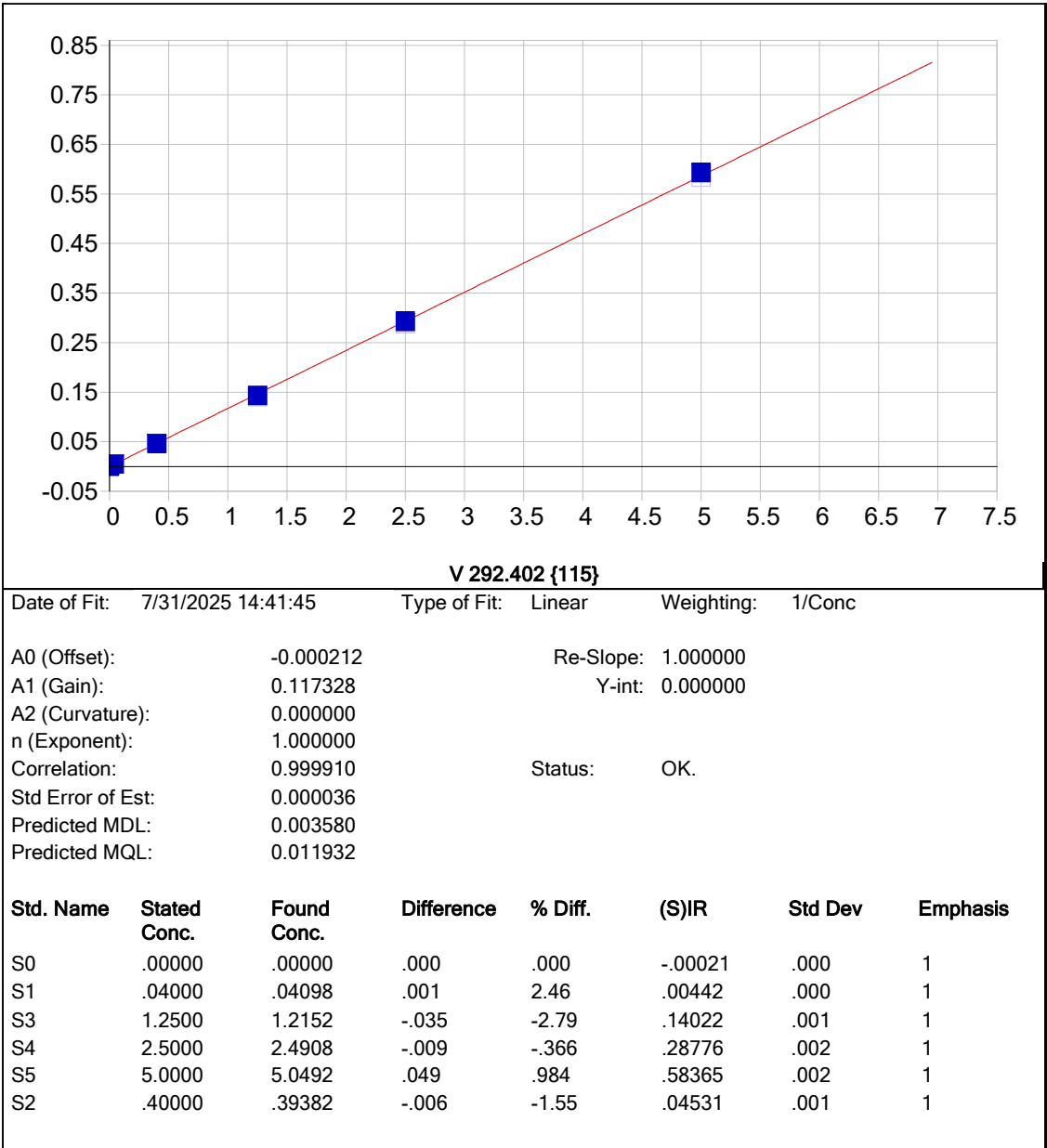


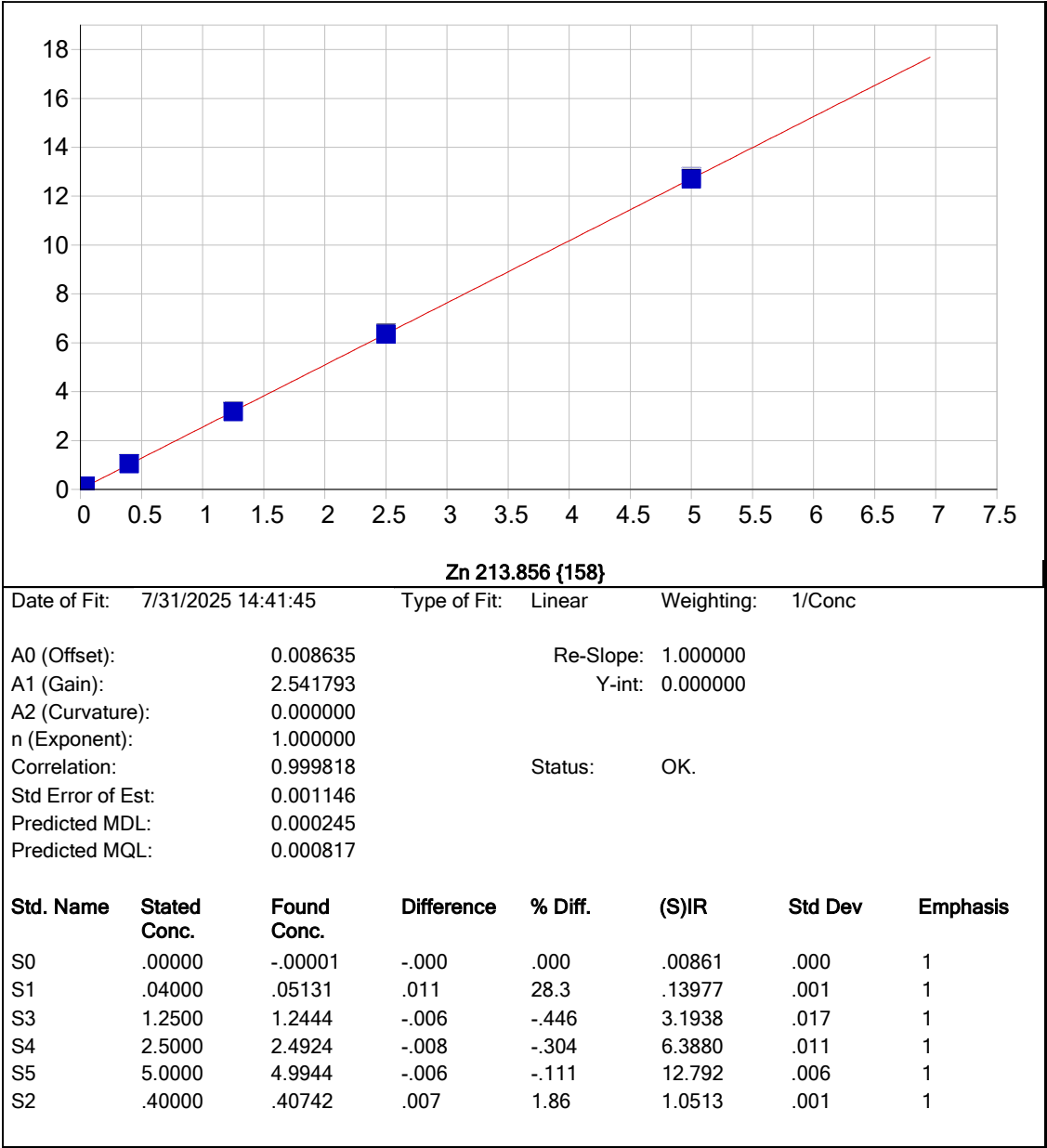


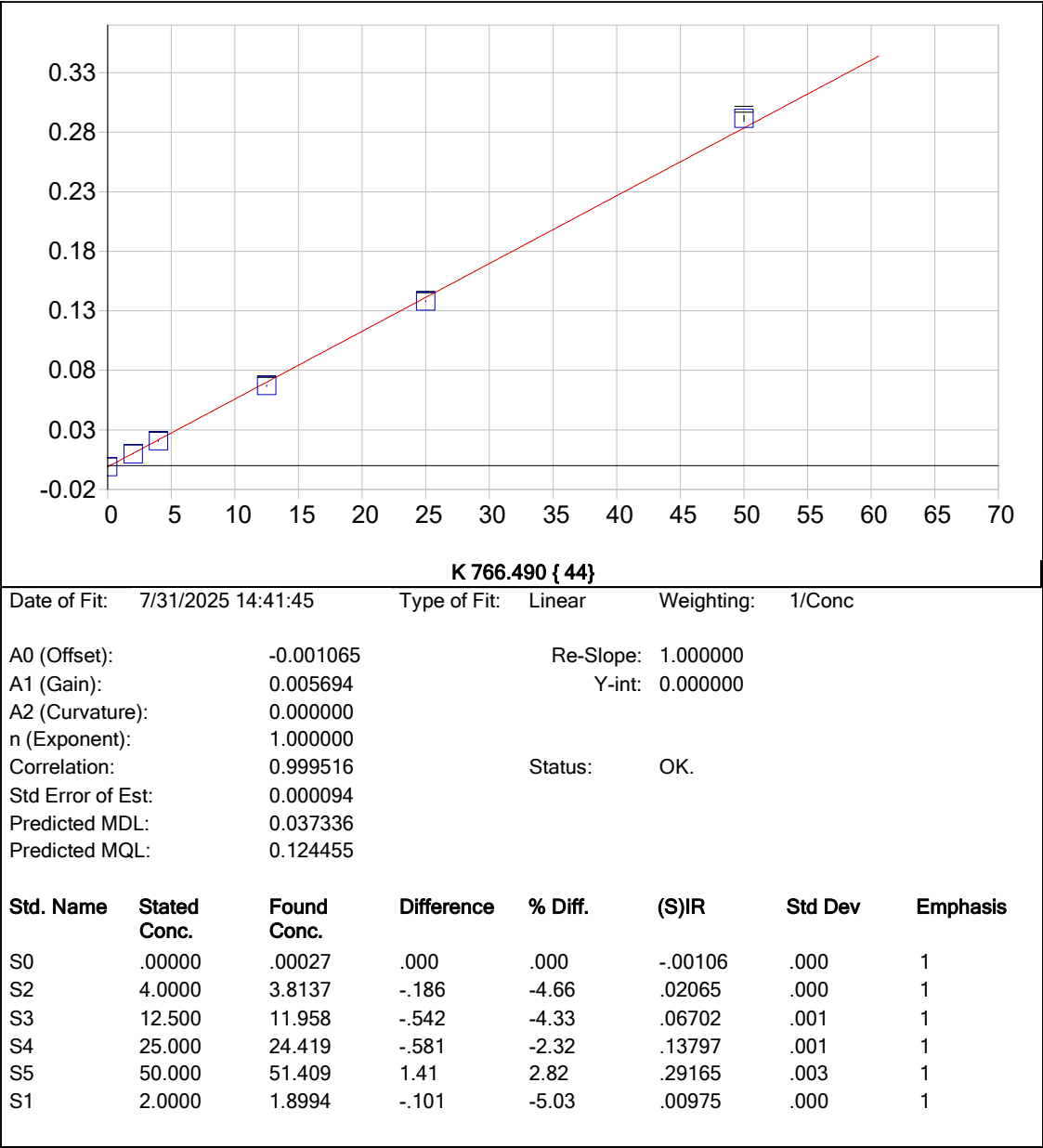


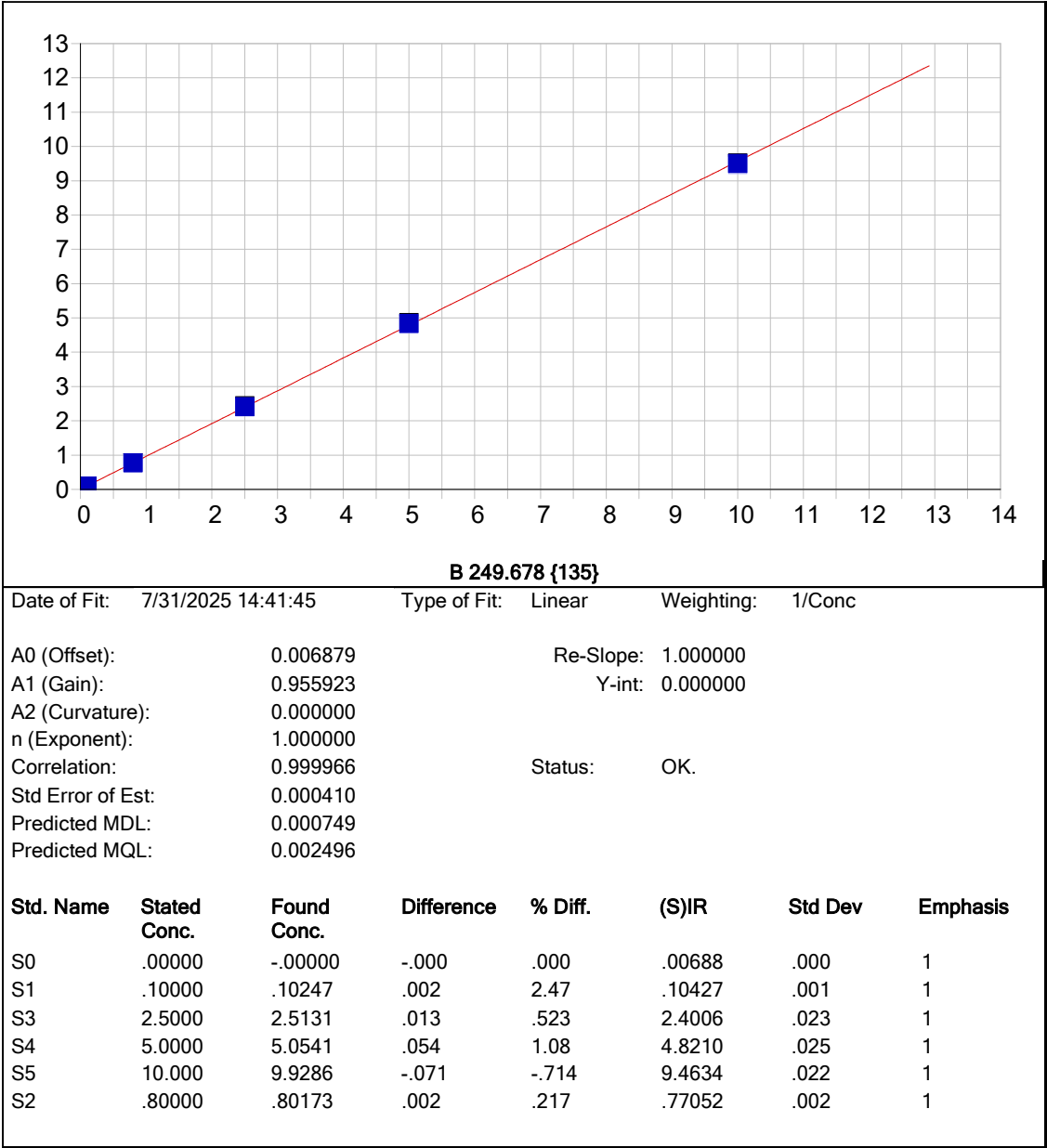


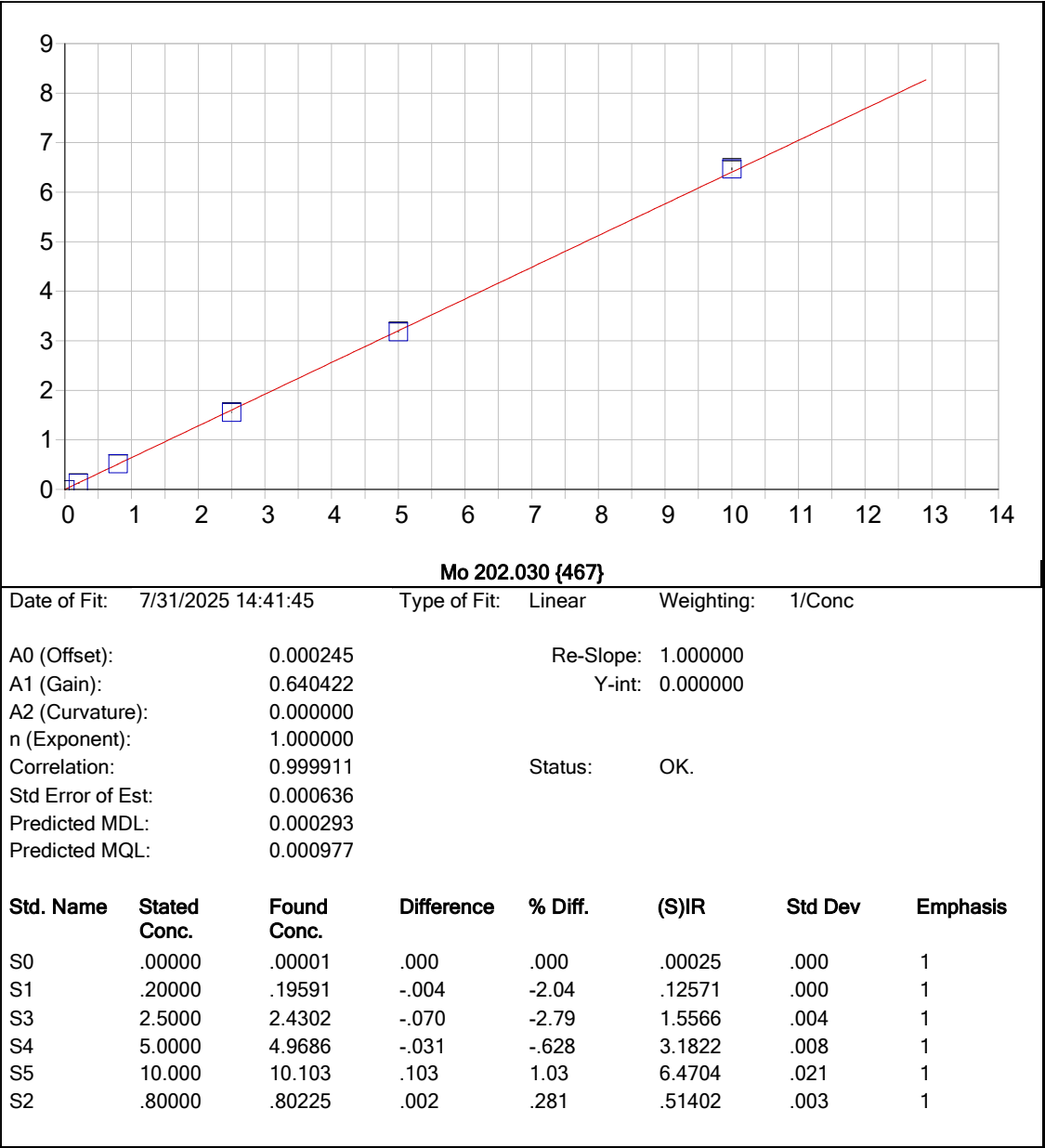


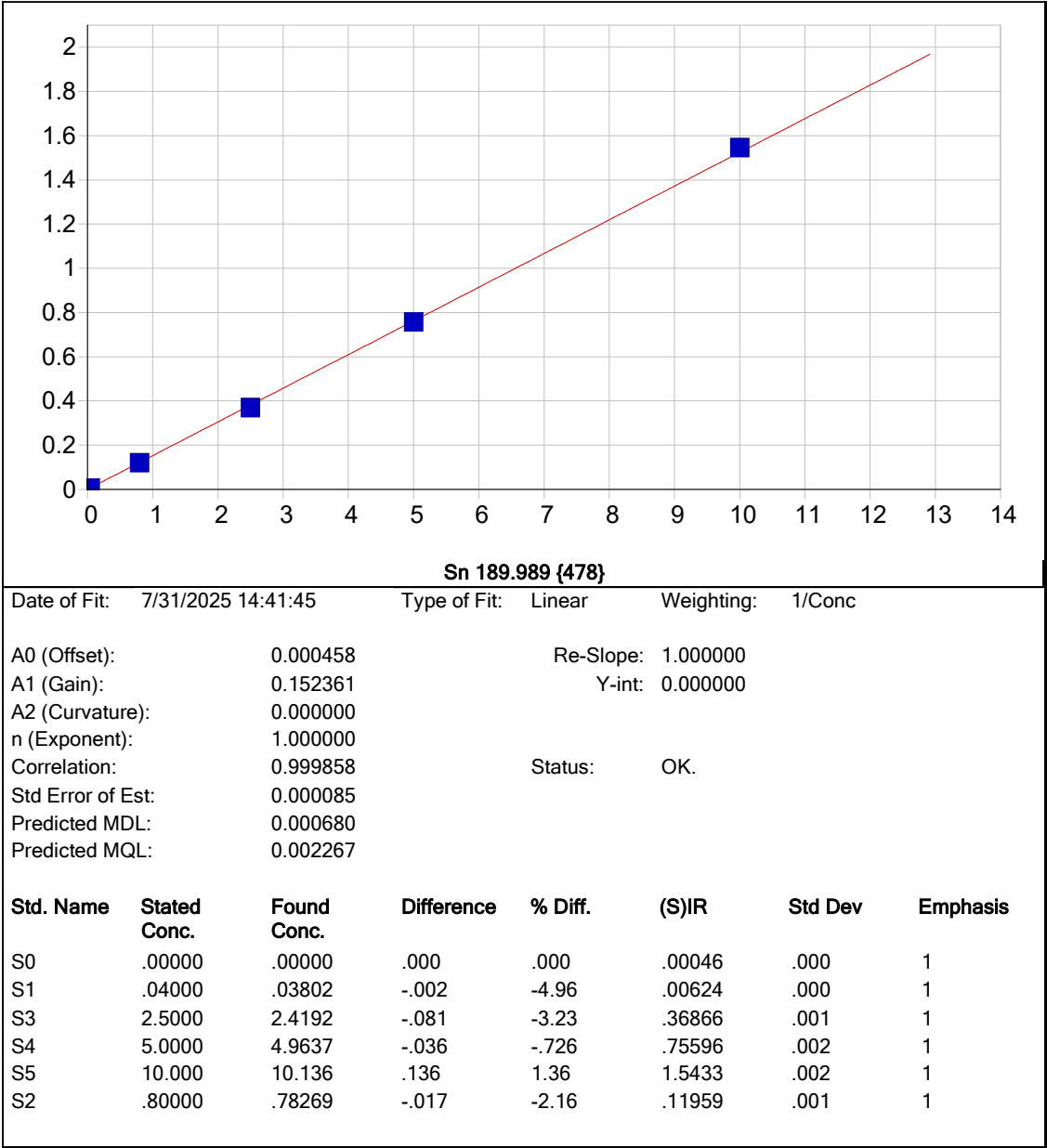


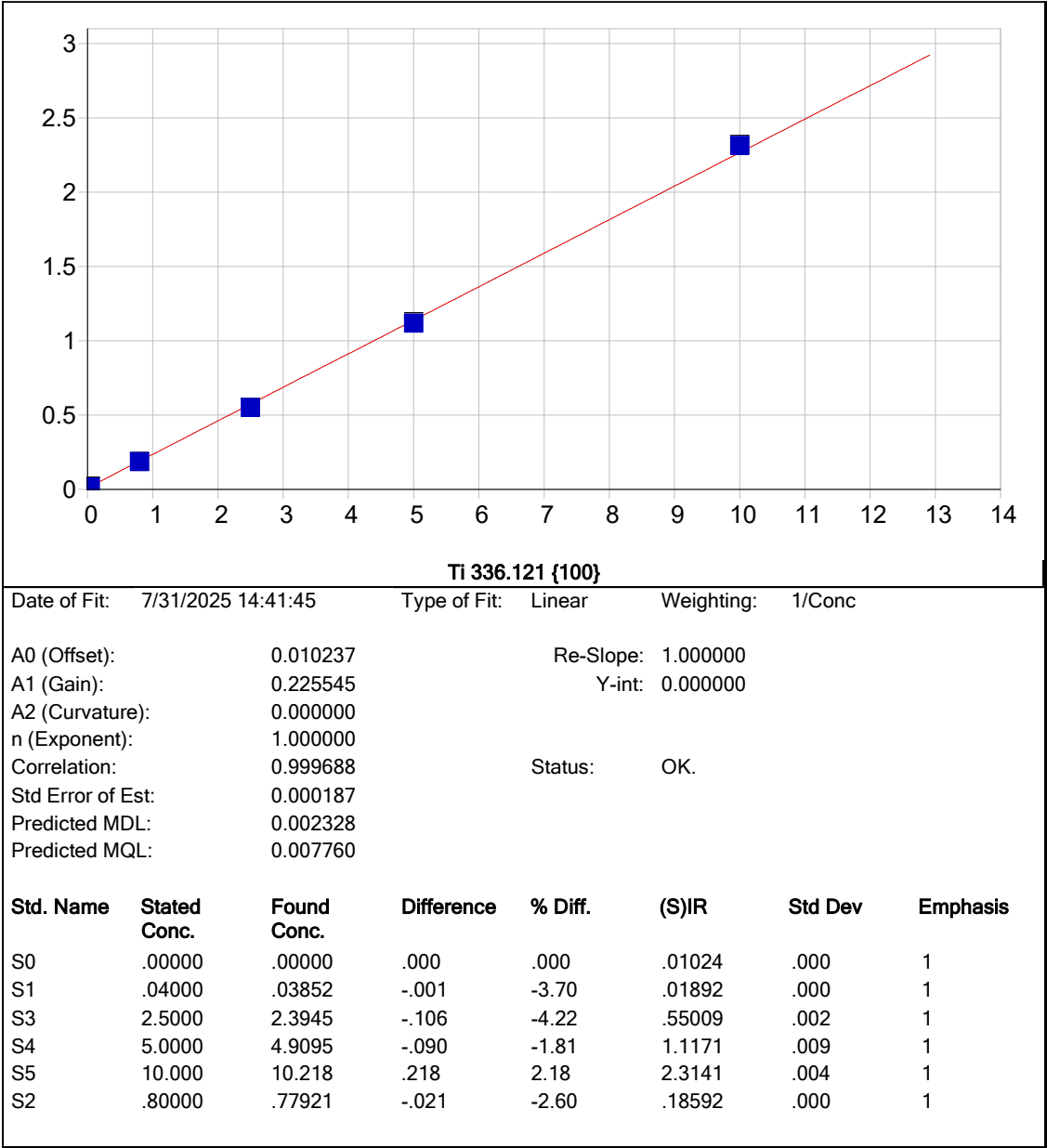


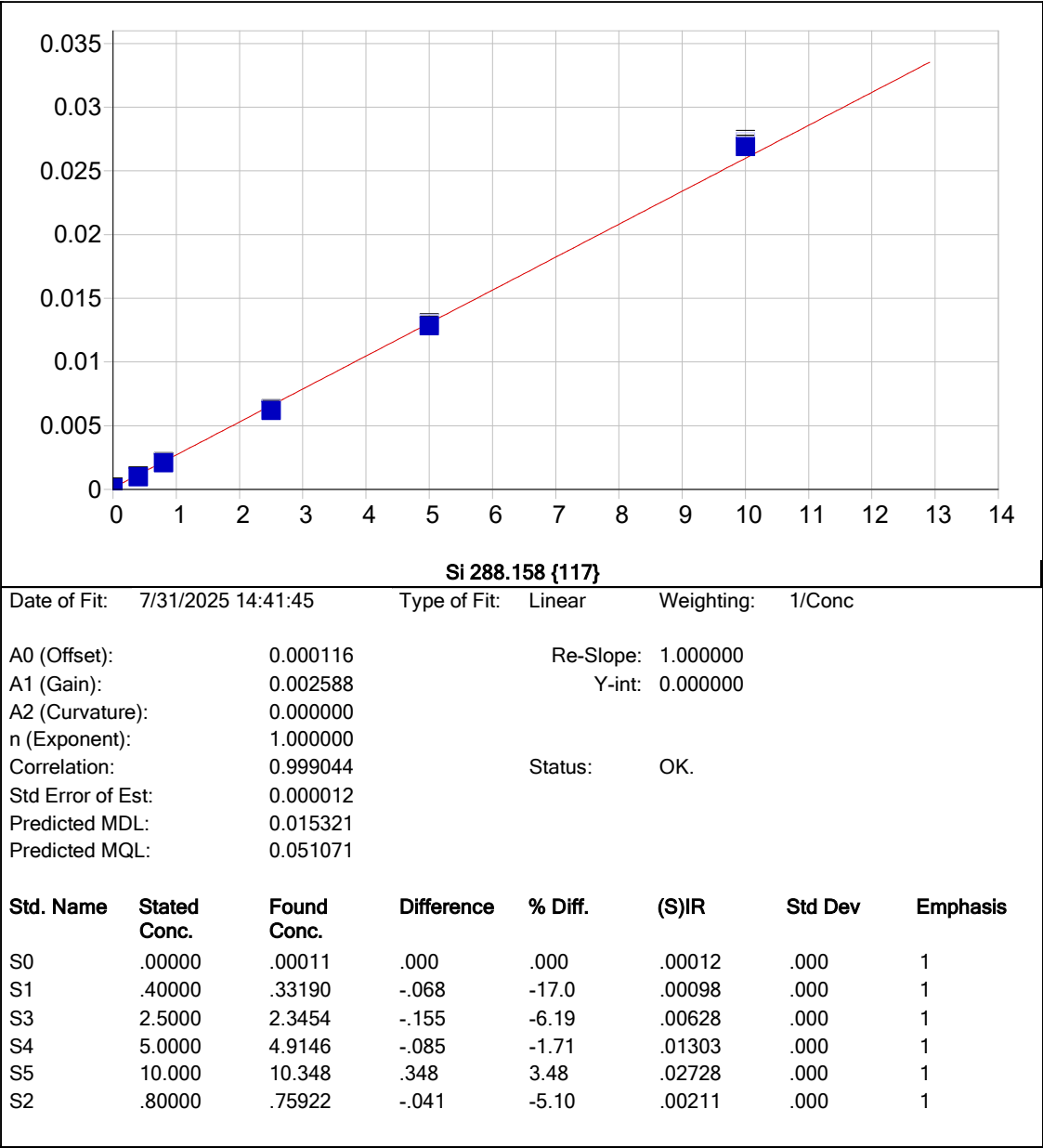


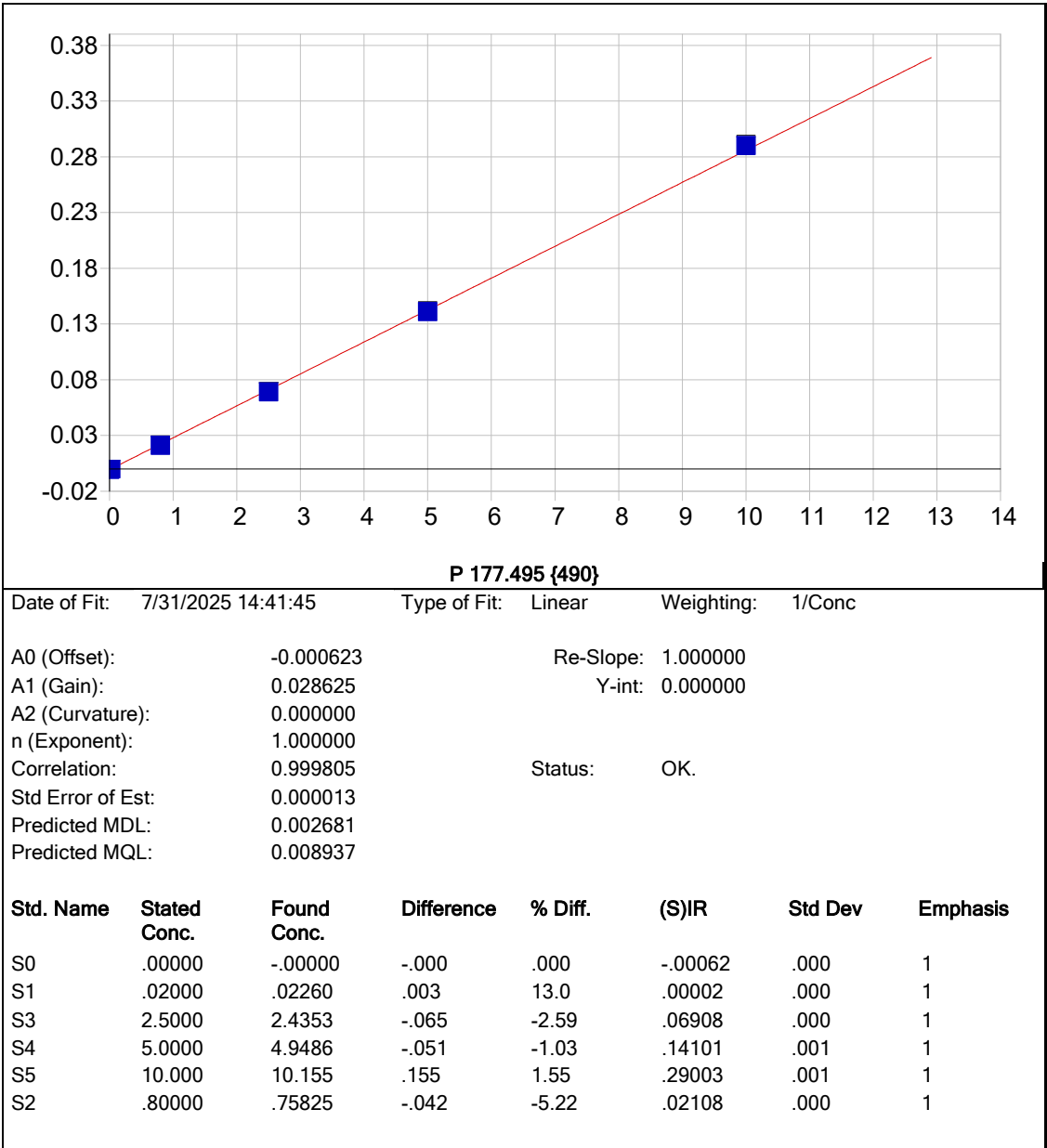


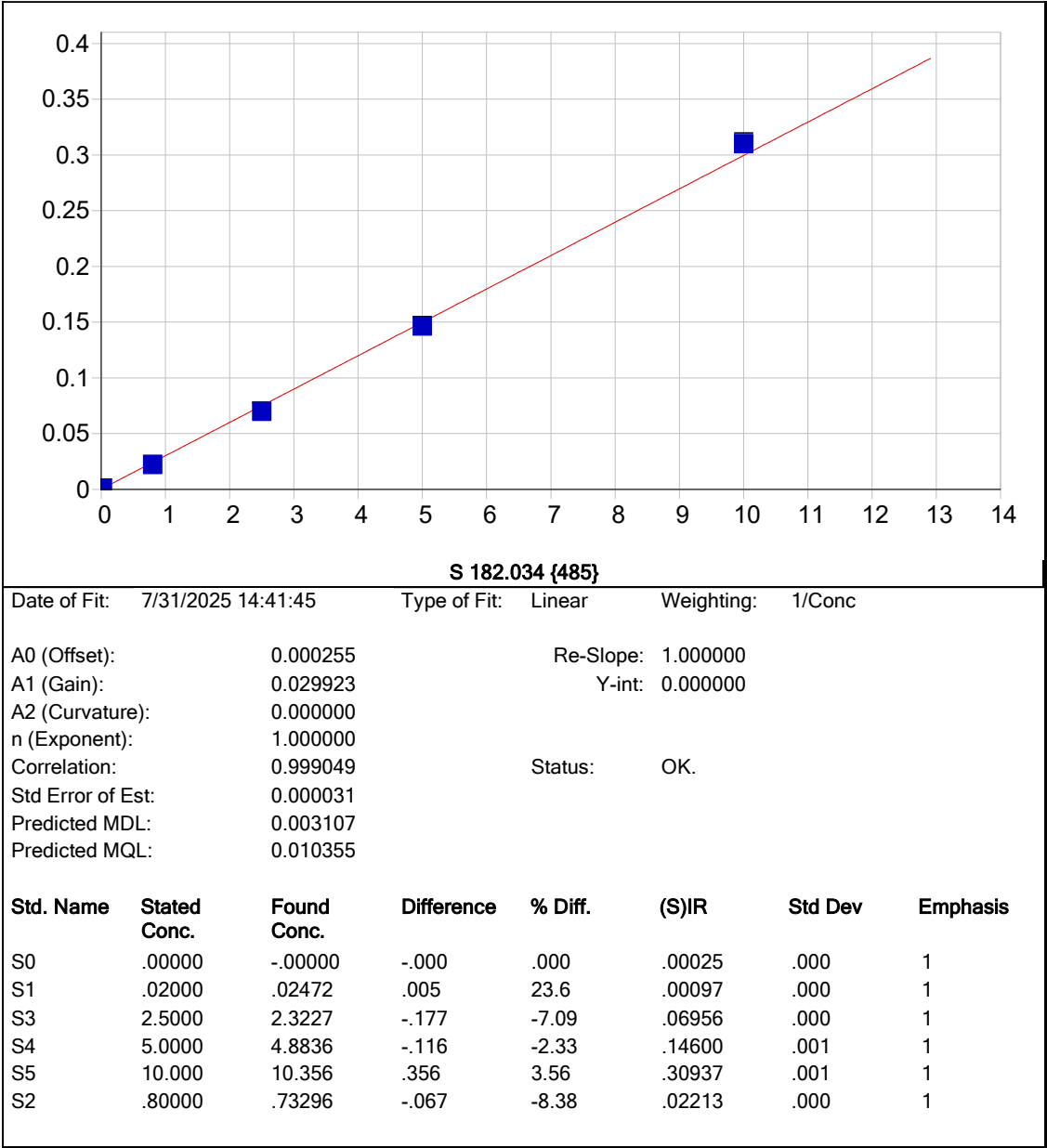


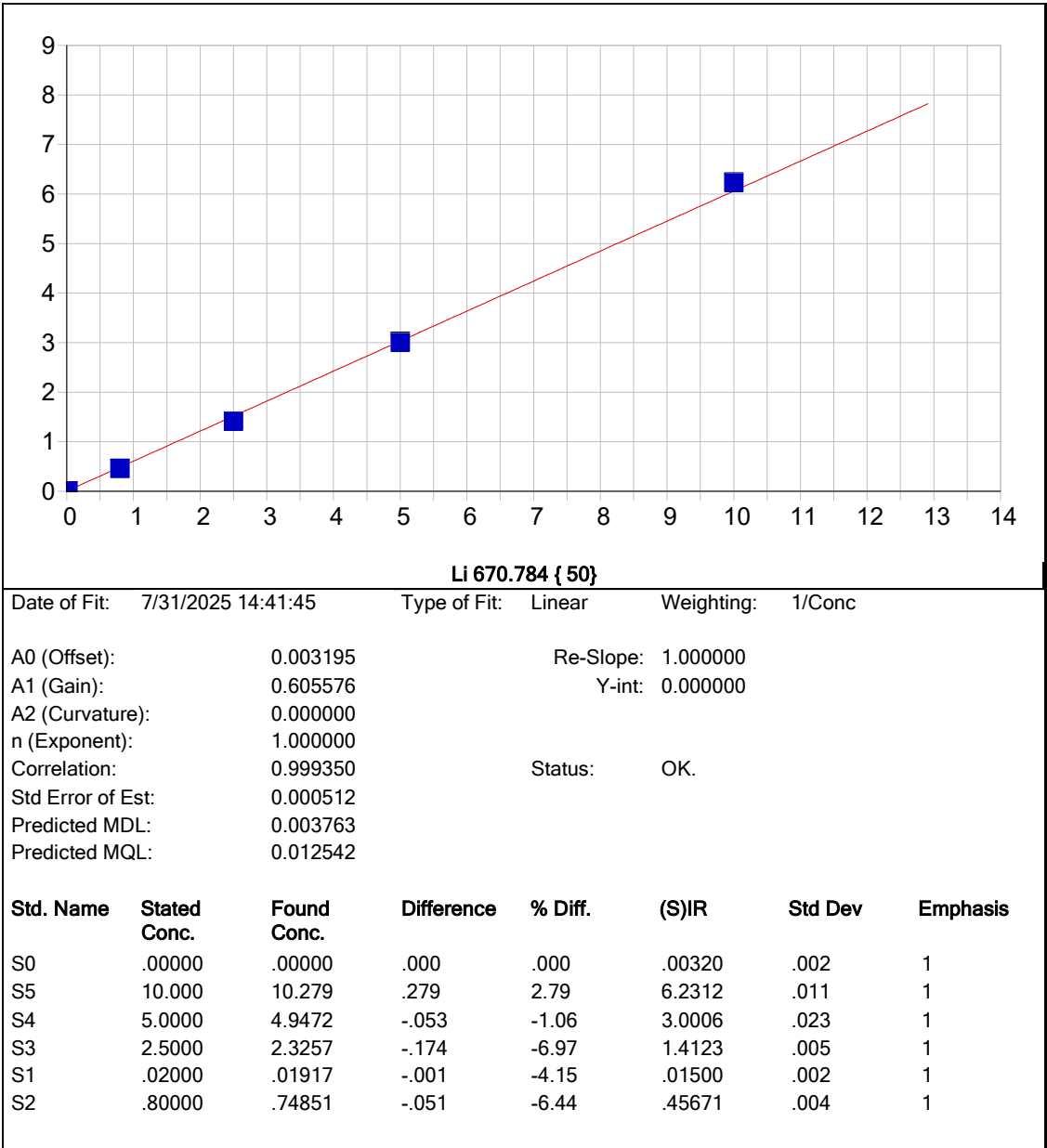


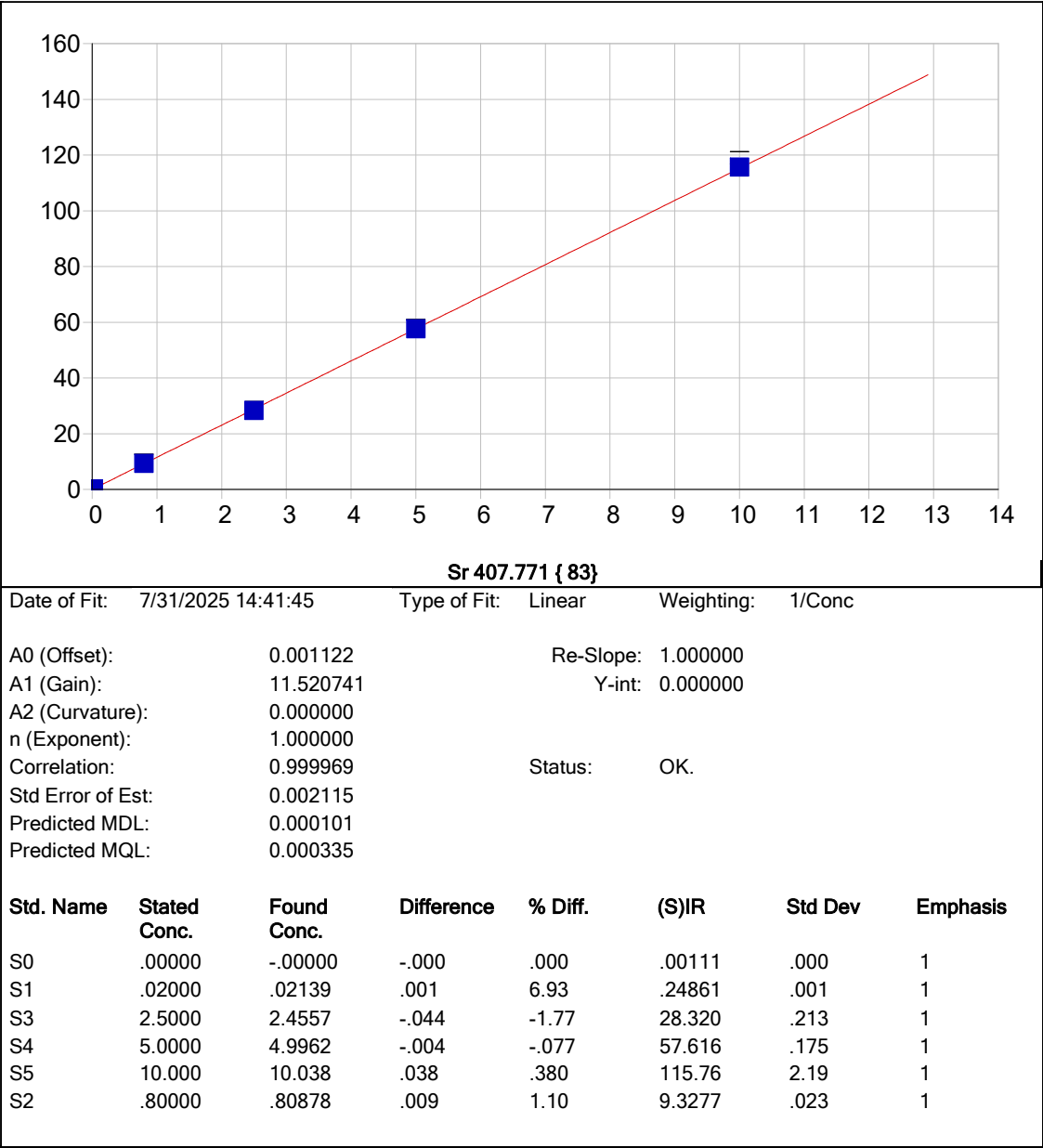


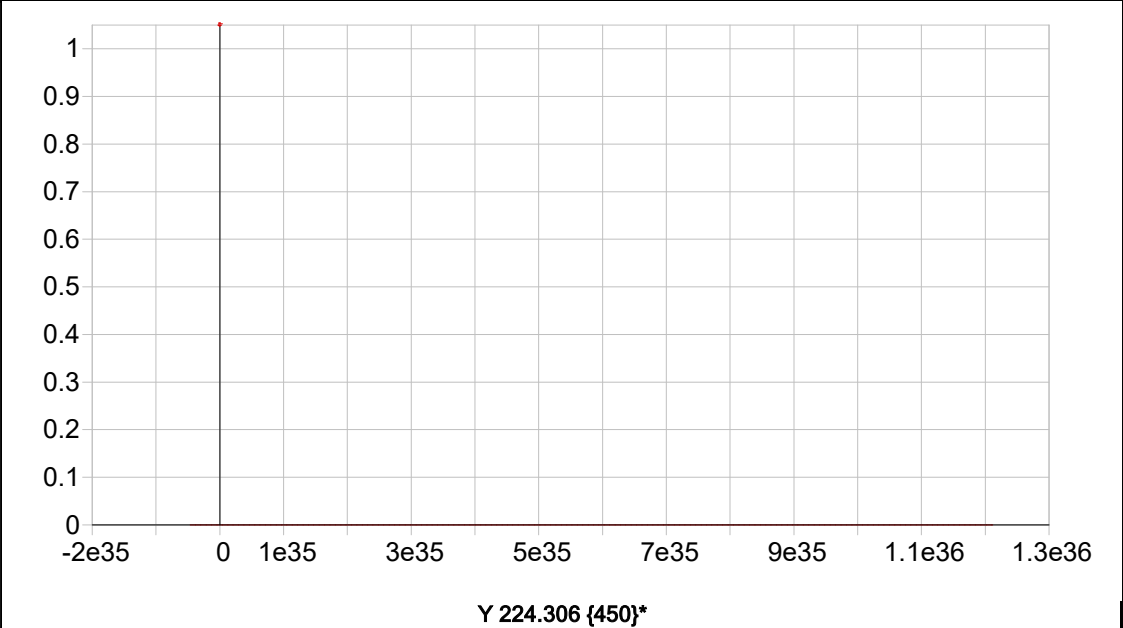






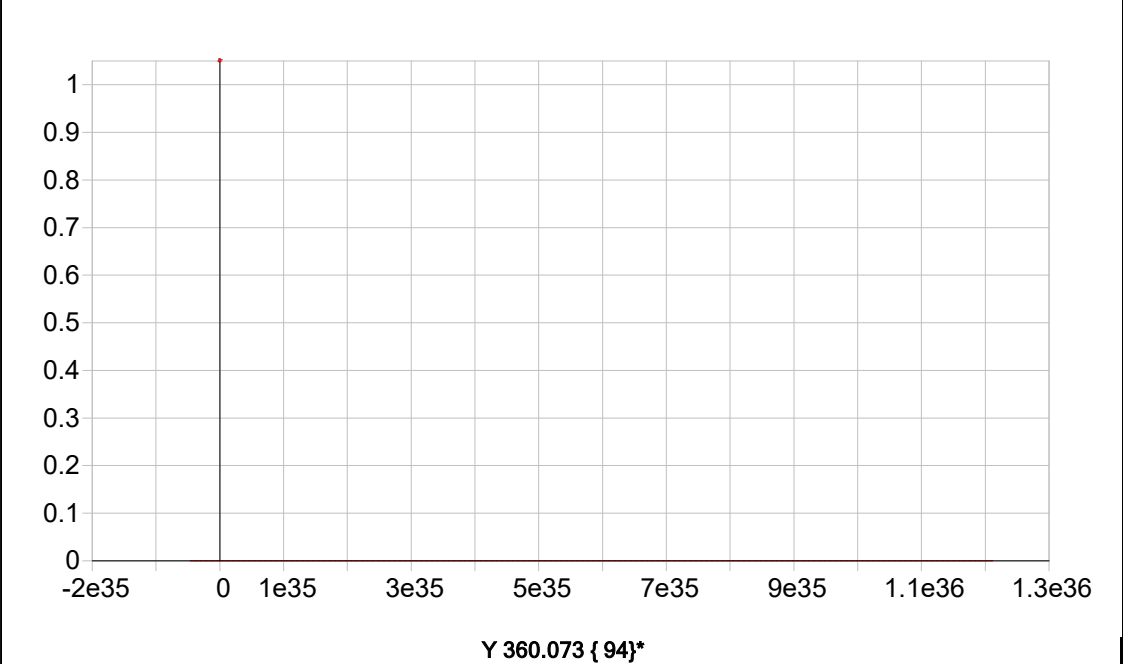




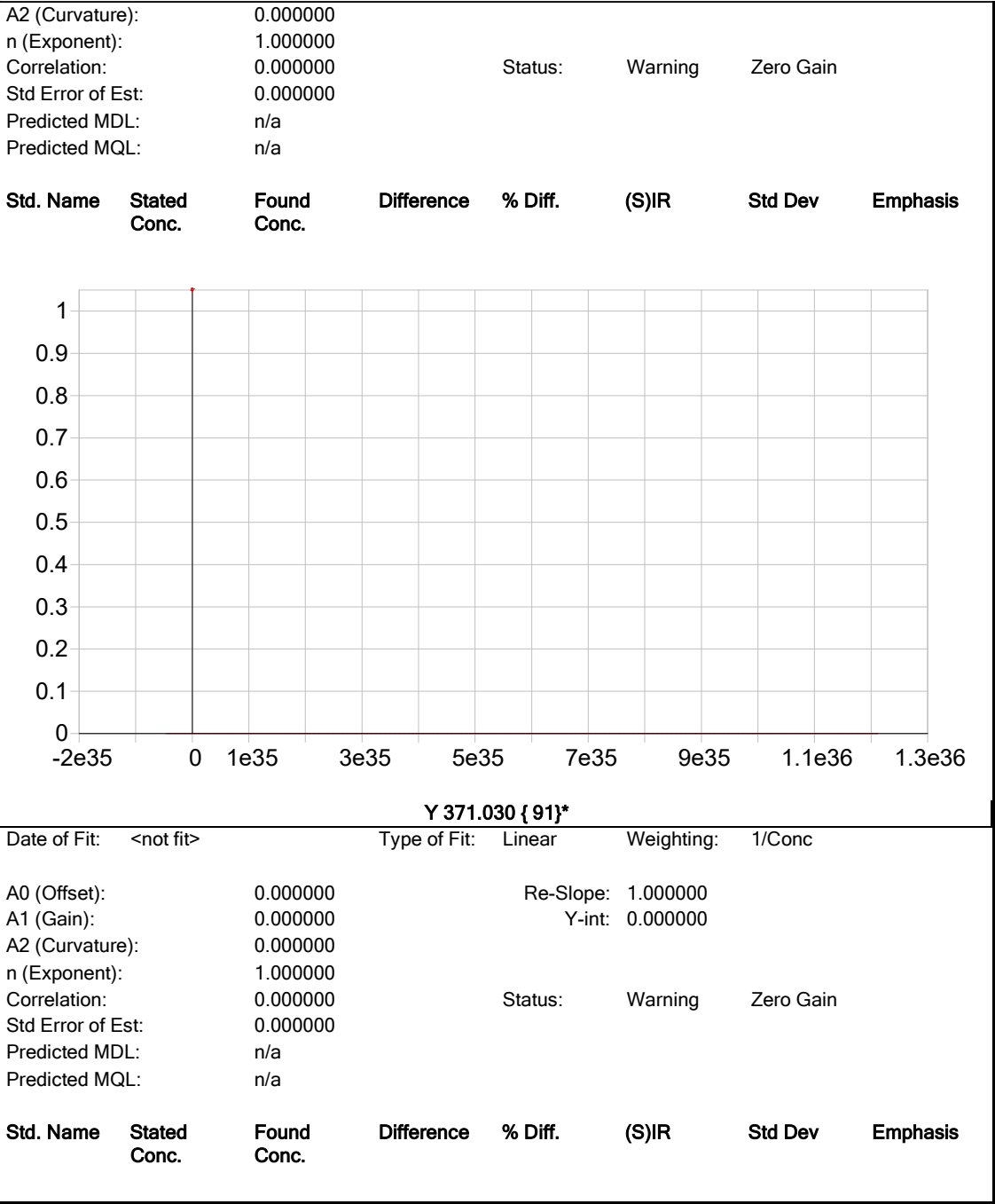


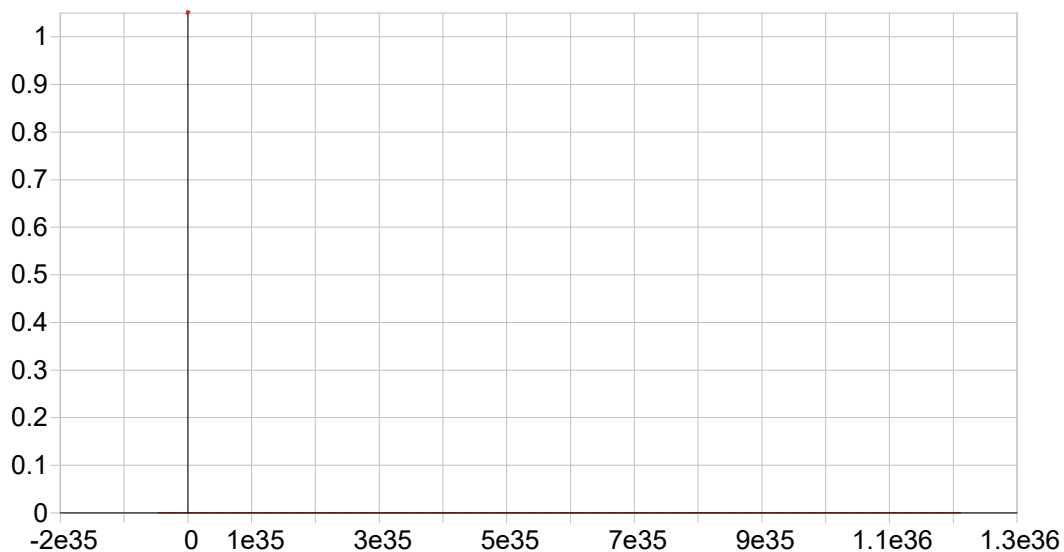
A0 (Offset):	0.000000	Re-Slope:	1.000000
A1 (Gain):	0.000000	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.000000	Status:	Warning Zero Gain
Std Error of Est:	0.000000		
Predicted MDL:	n/a		
Predicted MQL:	n/a		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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A0 (Offset):	0.000000	Re-Slope:	1.000000
A1 (Gain):	0.000000	Y-int:	0.000000

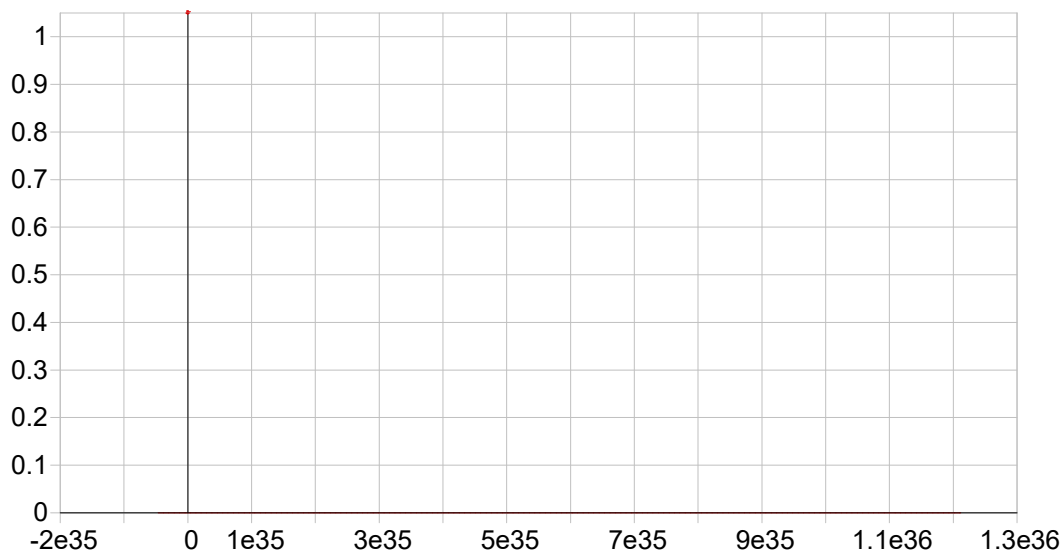




Y 224.306 {150}*

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
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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		Status:	Warning	Zero Gain	
n (Exponent):		1.000000					
Correlation:		0.000000					
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

Sample Name: S0 Acquired: 7/31/2025 13:03:57 Type: Cal
Method: 6010-200.7 NEW(v73) 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	-.00008	.00117	.00010	.00012	.00049	.00018	.09955	-.00113
Stddev	.00012	.00003	.00011	.00022	.00013	.00089	.00387	.00043
%RSD	156.16	2.6508	106.14	180.78	26.964	489.18	3.8881	38.027

#1	.00006	.00114	.00021	-.00001	.00037	-.00068	.10390	-.00108
#2	-.00014	.00120	.00011	.00037	.00047	.00110	.09826	-.00159
#3	-.00016	.00118	-.00001	.00000	.00063	.00012	.09648	-.00073

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	-.00050	.00264	.00030	.00024	.00049	.00005	.00133	.00036
Stddev	.00018	.00076	.00003	.00004	.00005	.00001	.00036	.00020
%RSD	35.755	28.969	10.923	17.865	10.106	21.972	27.287	57.390

#1	-.00032	.00352	.00033	.00028	.00047	.00004	.00101	.00055
#2	-.00068	.00226	.00031	.00024	.00046	.00004	.00172	.00037
#3	-.00051	.00214	.00027	.00020	.00055	.00006	.00125	.00015

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	-.00031	-.00066	.00241	-.00021	.00861	-.00106	.00688	.00025
Stddev	.00018	.00010	.00011	.00022	.00033	.00026	.00047	.00006
%RSD	58.509	15.161	4.3744	105.32	3.8211	24.856	6.8739	24.373

#1	-.00012	-.00055	.00247	-.00010	.00898	-.00085	.00701	.00019
#2	-.00049	-.00075	.00229	-.00047	.00839	-.00136	.00635	.00031
#3	-.00032	-.00068	.00247	-.00007	.00845	-.00098	.00727	.00025

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00046	.01024	.00012	-.00062	.00025	.00320	.00111
Stddev	.00005	.00025	.00004	.00004	.00001	.00200	.00012
%RSD	10.223	2.4094	36.448	6.1111	4.5510	62.504	11.119

#1	.00050	.01042	.00013	-.00066	.00025	.00539	.00118
#2	.00046	.00996	.00015	-.00062	.00024	.00272	.00118
#3	.00041	.01034	.00007	-.00058	.00027	.00148	.00097

Sample Name: S0 Acquired: 7/31/2025 13:03:57 Type: Cal
Method: 6010-200.7 NEW(v73) 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	5126.6	87523.	7207.2	4279.6	6629.4
Stddev	4.1	235.	106.6	8.5	4.5
%RSD	.07997	.26855	1.4796	.19747	.06850
#1	5131.2	87738.	7098.1	4289.2	6628.4
#2	5123.3	87272.	7311.1	4273.6	6625.4
#3	5125.4	87558.	7212.4	4275.8	6634.3

Sample Name: S1 Acquired: 7/31/2025 13:08:21 Type: Cal
Method: 6010-200.7 NEW(v73) Mode: IR Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00110	.00388	.00270	.00092	.00526	.01078	.48747	.05588	.01751
Stddev	.00012	.00018	.00016	.00010	.00022	.00096	.00453	.00028	.00005
%RSD	10.997	4.7140	5.9246	10.908	4.2108	8.9180	.93003	.50825	.29872

#1	.00097	.00377	.00252	.00090	.00501	.00974	.48227	.05621	.01752
#2	.00120	.00377	.00278	.00083	.00543	.01163	.48954	.05569	.01745
#3	.00114	.00409	.00281	.00102	.00535	.01098	.49060	.05574	.01756

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.16874	.00208	.03286	.01788	.00047	.01413	.02688	.02530	.00184
Stddev	.00122	.00002	.00024	.00011	.00001	.00016	.00040	.00014	.00024
%RSD	.72594	.96850	.72021	.63459	2.5388	1.1496	1.5004	.54498	13.208

#1	.16733	.00206	.03308	.01799	.00046	.01429	.02695	.02519	.00189
#2	.16947	.00207	.03261	.01788	.00048	.01396	.02725	.02525	.00205
#3	.16943	.00210	.03289	.01777	.00047	.01415	.02645	.02545	.00157

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.02456	.00442	.13977	.00975	.10427	.12571	.00624	.01892	.00098
Stddev	.00024	.00027	.00052	.00011	.00063	.00019	.00004	.00033	.00006
%RSD	.97288	6.0121	.36901	1.1500	.60652	.15043	.70285	1.7634	6.0921

#1	.02461	.00425	.13921	.00964	.10368	.12550	.00629	.01881	.00101
#2	.02476	.00429	.14023	.00975	.10419	.12584	.00621	.01929	.00101
#3	.02430	.00473	.13986	.00986	.10494	.12580	.00623	.01865	.00091

Elem	P_1774	S_1820	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00002	.00097	.01500	.24861
Stddev	.00006	.00002	.00175	.00056
%RSD	244.35	1.9525	11.636	.22424

#1	.00007	.00099	.01576	.24840
#2	-.00004	.00096	.01623	.24925
#3	.00005	.00095	.01300	.24820

Sample Name: S1 Acquired: 7/31/2025 13:08:21 Type: Cal
Method: 6010-200.7 NEW(v73) 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	5105.5	86988.	7161.8	4253.1	6496.9
Stddev	4.8	203.	51.5	8.5	7.3
%RSD	.09382	.23378	.71841	.19993	.11299
#1	5100.0	86889.	7213.4	4255.1	6489.8
#2	5108.0	86854.	7161.4	4260.3	6496.4
#3	5108.5	87222.	7110.5	4243.7	6504.4

Sample Name: S2 Acquired: 7/31/2025 13:12:42 Type: Cal
Method: 6010-200.7 NEW(v73) Mode: IR Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.04442	.05666	.17121	.03620	.07833	.13789	6.1170	.36211	1.2277
Stddev	.00043	.00066	.00048	.00058	.00153	.00093	.0114	.00222	.0125
%RSD	.95941	1.1640	.27844	1.5904	1.9489	.67577	.18559	.61247	1.0213

#1	.04436	.05714	.17176	.03613	.07753	.13873	6.1301	.36460	1.2397
#2	.04402	.05693	.17102	.03567	.07737	.13689	6.1096	.36137	1.2288
#3	.04487	.05591	.17086	.03681	.08009	.13806	6.1114	.36035	1.2147

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.32942	.02815	.43218	.15025	.00325	.25377	.05064	.25210	.04341
Stddev	.00180	.00005	.00200	.00070	.00001	.00049	.00033	.00138	.00001
%RSD	.54773	.17184	.46382	.46417	.37093	.19205	.65254	.54721	.01845

#1	.33071	.02818	.43429	.15028	.00325	.25429	.05039	.25362	.04342
#2	.32736	.02810	.43196	.14954	.00324	.25332	.05051	.25178	.04341
#3	.33020	.02819	.43030	.15093	.00326	.25370	.05101	.25092	.04341

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.04676	.04531	1.0513	.02065	.77052	.51402	.11959	.18592	.00211
Stddev	.00010	.00066	.0008	.00037	.00237	.00252	.00068	.00034	.00005
%RSD	.21618	1.4646	.07711	1.7679	.30757	.48980	.57166	.18416	2.2524

#1	.04666	.04462	1.0520	.02049	.77279	.51446	.12028	.18609	.00217
#2	.04686	.04594	1.0514	.02039	.77070	.51132	.11956	.18614	.00210
#3	.04675	.04538	1.0504	.02107	.76806	.51629	.11891	.18553	.00207

Elem	P_1774	S_1820	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.02108	.02213	.45671	9.3277
Stddev	.00011	.00011	.00351	.0229
%RSD	.54081	.49169	.76782	.24584

#1	.02117	.02212	.45953	9.3533
#2	.02095	.02202	.45783	9.3089
#3	.02112	.02224	.45279	9.3211

Sample Name: S2 Acquired: 7/31/2025 13:12:42 Type: Cal
Method: 6010-200.7 NEW(v73) 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	5095.5	85765.	7207.1	4254.0	6369.0
Stddev	18.5	259.	32.7	11.8	59.2
%RSD	.36345	.30163	.45363	.27672	.92946
#1	5076.8	85563.	7171.3	4244.7	6311.8
#2	5113.8	86056.	7235.4	4250.1	6365.3
#3	5096.0	85675.	7214.5	4267.3	6430.0

Sample Name: S3 Acquired: 7/31/2025 13:16:45 Type: Cal
Method: 6010-200.7 NEW(v73) Mode: IR Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.14208	.17547	.54307	.11508	.24152	.42040	18.611	1.1221	3.9271
Stddev	.00045	.00315	.00146	.00049	.00084	.00062	.052	.0091	.0071
%RSD	.32004	1.7941	.26795	.42179	.34791	.14697	.28125	.81251	.18191

#1	.14157	.17230	.54139	.11453	.24079	.42112	18.663	1.1254	3.9189
#2	.14222	.17552	.54393	.11547	.24134	.42005	18.559	1.1292	3.9308
#3	.14245	.17860	.54388	.11522	.24244	.42005	18.611	1.1118	3.9316

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.98870	.08475	1.3292	.45255	.00989	.77070	.15539	.77529	.13462
Stddev	.00308	.00038	.0029	.00133	.00011	.00266	.00067	.00120	.00030
%RSD	.31194	.44865	.22051	.29389	1.1091	.34564	.43149	.15496	.22399

#1	.99219	.08490	1.3260	.45103	.00989	.77347	.15598	.77390	.13454
#2	.98634	.08432	1.3316	.45320	.00977	.76816	.15466	.77601	.13495
#3	.98757	.08503	1.3301	.45344	.00999	.77045	.15554	.77596	.13437

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.13996	.14022	3.1938	.06702	2.4006	1.5566	.36866	.55009	.00628
Stddev	.00118	.00065	.0170	.00053	.0227	.0036	.00106	.00194	.00004
%RSD	.84079	.46512	.53059	.78517	.94713	.22911	.28643	.35205	.63504

#1	.13985	.14098	3.1858	.06699	2.4114	1.5538	.36744	.55166	.00628
#2	.13884	.13986	3.2133	.06651	2.4159	1.5554	.36914	.54793	.00625
#3	.14119	.13983	3.1823	.06756	2.3745	1.5606	.36938	.55069	.00633

Elem	P_1774	S_1820	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.06908	.06956	1.4123	28.320
Stddev	.00013	.00031	.0053	.213
%RSD	.19310	.45079	.37485	.75157

#1	.06923	.06921	1.4172	28.555
#2	.06898	.06967	1.4067	28.139
#3	.06902	.06981	1.4131	28.267

Sample Name: S3 Acquired: 7/31/2025 13:16:45 Type: Cal
Method: 6010-200.7 NEW(v73) 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	5019.5	84620.	7167.6	4183.7	6131.4
Stddev	3.3	322.	33.8	31.0	5.8
%RSD	.06529	.38091	.47096	.74079	.09456
#1	5016.5	84928.	7155.3	4210.3	6126.7
#2	5019.0	84647.	7141.7	4149.6	6129.6
#3	5023.0	84285.	7205.8	4191.0	6137.9

Sample Name: S4 Acquired: 7/31/2025 13:20:49 Type: Cal
Method: 6010-200.7 NEW(v73) Mode: IR Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.27892	.34446	1.0679	.22431	.49058	.85431	37.766	2.2511	7.8091
Stddev	.00123	.00269	.0006	.00067	.00227	.00841	.092	.0130	.0015
%RSD	.43994	.78087	.05755	.29840	.46282	.98432	.24343	.57607	.01898

#1	.27782	.34416	1.0686	.22359	.48833	.86333	37.669	2.2627	7.8100
#2	.27870	.34194	1.0675	.22441	.49053	.84669	37.778	2.2371	7.8073
#3	.28024	.34729	1.0677	.22492	.49287	.85291	37.852	2.2536	7.8099

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.9797	.17194	2.7425	.90752	.02014	1.5559	.31307	1.5964	.27227
Stddev	.0147	.00058	.0018	.00189	.00011	.0107	.00237	.0011	.00039
%RSD	.74500	.33448	.06416	.20782	.54267	.68437	.75847	.06704	.14502

#1	1.9966	.17234	2.7416	.90596	.02024	1.5677	.31581	1.5968	.27272
#2	1.9728	.17128	2.7414	.90698	.02015	1.5470	.31181	1.5952	.27212
#3	1.9696	.17220	2.7446	.90962	.02002	1.5531	.31159	1.5973	.27197

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.28908	.28776	6.3880	.13797	4.8210	3.1822	.75596	1.1171	.01303
Stddev	.00132	.00199	.0113	.00052	.0255	.0079	.00159	.0089	.00003
%RSD	.45777	.69009	.17618	.37655	.52861	.24926	.20997	.79437	.25942

#1	.29045	.29000	6.4005	.13850	4.8475	3.1754	.75609	1.1274	.01306
#2	.28899	.28702	6.3848	.13796	4.7967	3.1804	.75430	1.1124	.01302
#3	.28781	.28624	6.3787	.13746	4.8188	3.1909	.75747	1.1117	.01300

Elem	P_1774	S_1820	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.14101	.14600	3.0006	57.616
Stddev	.00053	.00052	.0234	.175
%RSD	.37582	.35291	.78106	.30453

#1	.14142	.14596	3.0272	57.416
#2	.14120	.14550	2.9830	57.742
#3	.14041	.14653	2.9916	57.691

Sample Name: S4 Acquired: 7/31/2025 13:20:49 Type: Cal
Method: 6010-200.7 NEW(v73) 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	4973.3	84091.	7145.7	4149.7	5933.0
Stddev	5.7	51.	27.2	11.9	6.0
%RSD	.11534	.06008	.38067	.28639	.10084
#1	4979.2	84071.	7120.4	4144.3	5929.2
#2	4967.8	84053.	7174.5	4141.4	5930.0
#3	4972.8	84148.	7142.2	4163.3	5939.9

Sample Name: S5 Acquired: 7/31/2025 13:25:00 Type: Cal
Method: 6010-200.7 NEW(v73) Mode: IR Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.57397	.66825	2.2011	.46056	1.0135	1.7291	77.060	4.3960	16.027
Stddev	.00241	.00651	.0015	.00218	.0058	.0034	.676	.0155	.010
%RSD	.42016	.97466	.06745	.47418	.57292	.19712	.87750	.35279	.06060

#1	.57150	.66124	2.2017	.45810	1.0075	1.7275	76.628	4.3825	16.018
#2	.57410	.67411	2.2023	.46134	1.0141	1.7269	76.713	4.4130	16.037
#3	.57632	.66940	2.1995	.46225	1.0190	1.7330	77.839	4.3925	16.025

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.9987	.33748	5.6805	1.8308	.04129	3.1324	.62487	3.2886	.55128
Stddev	.0195	.00237	.0077	.0027	.00023	.0103	.00243	.0035	.00203
%RSD	.48741	.70221	.13558	.14811	.54801	.33003	.38954	.10615	.36867

#1	3.9860	.33644	5.6743	1.8280	.04125	3.1220	.62234	3.2847	.55014
#2	3.9890	.33581	5.6781	1.8308	.04108	3.1326	.62508	3.2896	.55007
#3	4.0212	.34019	5.6891	1.8334	.04153	3.1427	.62719	3.2915	.55363

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.60331	.58365	12.792	.29165	9.4634	6.4704	1.5433	2.3141	.02728
Stddev	.00425	.00164	.006	.00254	.0219	.0214	.0017	.0044	.00018
%RSD	.70484	.28020	.05017	.87072	.23156	.33083	.10767	.18974	.67116

#1	.60281	.58180	12.787	.29077	9.4450	6.4464	1.5415	2.3118	.02719
#2	.59934	.58423	12.790	.28966	9.4876	6.4777	1.5447	2.3114	.02716
#3	.60780	.58491	12.799	.29451	9.4575	6.4873	1.5437	2.3192	.02749

Elem	P_1774	S_1820	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.29003	.30937	6.2312	115.76
Stddev	.00063	.00138	.0112	2.19
%RSD	.21812	.44457	.17919	1.8889

#1	.28986	.30779	6.2211	114.17
#2	.29073	.31027	6.2294	114.85
#3	.28950	.31005	6.2432	118.25

Sample Name: S5 Acquired: 7/31/2025 13:25:00 Type: Cal
Method: 6010-200.7 NEW(v73) 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	4828.9	84328.	7328.9	4059.4	5620.6
Stddev	7.7	550.	22.8	4.4	8.2
%RSD	.15902	.65171	.31080	.10797	.14578
#1	4837.5	84542.	7354.3	4062.9	5630.1
#2	4826.4	84739.	7322.1	4060.8	5616.1
#3	4822.8	83704.	7310.3	4054.5	5615.6

Sample Name: ICV01 Acquired: 7/31/2025 13:51:23 Type: Unk
Method: 6010-200.7 NEW(v73) 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	3.974805	3.862507	3.827128	4.004540	4.194465	8.094300
Stddev	.003582	.058547	.013732	.005955	.003306	.049207
%RSD	.0901073	1.515773	.3588113	.1487070	.0788138	.6079242

#1	3.970692	3.873984	3.825888	3.999140	4.191269	8.051165
#2	3.976487	3.799072	3.814058	4.010927	4.197871	8.083836
#3	3.977236	3.914466	3.841439	4.003553	4.194255	8.147897

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.239785	.2027903	1.947382	20.17813	.8219670	2.027490
Stddev	.061772	.0012135	.006418	.07902	.0036675	.006055
%RSD	.7496783	.5983851	.3295674	.3916211	.4461911	.2986527

#1	8.200554	.2025334	1.945914	20.12371	.8237309	2.025224
#2	8.207811	.2017258	1.941825	20.14191	.8244193	2.022895
#3	8.310990	.2041116	1.954406	20.26877	.8177508	2.034352

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.037687	4.132521	2.030349	20.07790	2.029394	.9988228
Stddev	.002063	.033728	.005535	.10702	.007060	.0014875
%RSD	.1988479	.8161691	.2726272	.5330419	.3479059	.1489290

#1	1.035893	4.129349	2.026721	20.04500	2.025561	1.000069
#2	1.037225	4.167723	2.027606	19.99118	2.025080	.999224
#3	1.039942	4.100490	2.036720	20.19751	2.037542	.997176

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.50963	2.030398	2.070495	20.59934	3.979446	4.132135
Stddev	.10944	.004193	.000735	.10435	.021625	.004567
%RSD	.5336113	.2065352	.0355007	.5065937	.5434099	.1105211

#1	20.45385	2.026033	2.069831	20.56235	3.976511	4.127210
#2	20.63572	2.030767	2.071285	20.71715	3.959439	4.132968
#3	20.43932	2.034395	2.070368	20.51852	4.002389	4.136229

Sample Name: ICV01 Acquired: 7/31/2025 13:51:23 Type: Unk
Method: 6010-200.7 NEW(v73) 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	4.050971	3.998547	3.971626	F .0122195	4.062019	3.902184
Stddev	.015313	.019325	.022184	.0009022	.014108	.023766
%RSD	.3780003	.4833007	.5585727	7.382896	.3473035	.6090420

#1	4.047963	3.979485	3.946344	.0130086	4.070722	3.892968
#2	4.037386	3.998033	3.987841	.0124141	4.045742	3.884406
#3	4.067565	4.018124	3.980693	.0112360	4.069592	3.929178

Elem	Sr4077
Units	ppm
Avg	4.143075
Stddev	.040701
%RSD	.9823842

#1	4.096082
#2	4.166014
#3	4.167128

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5010.337	85959.09	7575.492	4191.707	6046.030
Stddev	12.968	226.73	43.579	14.906	9.639
%RSD	.2588274	.2637637	.5752632	.3556072	.1594284

#1	5024.107	86024.46	7604.527	4207.427	6056.526
#2	4998.356	85706.86	7596.568	4189.918	6043.990
#3	5008.547	86145.95	7525.382	4177.777	6037.575

Sample Name: LLICV01 Acquired: 7/31/2025 14:00:18 Type: Unk
Method: 6010-200.7 NEW(v73) 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	.0215446	.0395349	.0101873	.0201564	.0471608	.1109482	.0992109
Stddev	.0035660	.0008741	.0006200	.0049799	.0028394	.0123814	.0035023
%RSD	16.55181	2.211003	6.085620	24.70633	6.020621	11.15959	3.530101

#1	.0250027	.0391118	.0097275	.0202878	.0491144	.1025096	.1015061
#2	.0217513	.0389529	.0108924	.0250693	.0484643	.1051730	.1009470
#3	.0178797	.0405401	.0099421	.0151121	.0439037	.1251621	.0951798

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0061393	.0056455	2.032601	.0090531	.0285280	.0213331	.1034275
Stddev	.0001660	.0003205	.038972	.0001558	.0016982	.0011798	.0052499
%RSD	2.704540	5.677899	1.917356	1.721493	5.952728	5.530289	5.075901

#1	.0061675	.0058057	2.058033	.0089935	.0295918	.0222561	.1073280
#2	.0062895	.0058543	2.052036	.0089358	.0294227	.0217394	.1054961
#3	.0059610	.0052764	1.987733	.0092299	.0265695	.0200039	.0974584

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0203842	2.107452	.0387610	.0110718	1.981251	.0395650	.0415588
Stddev	.0005934	.052090	.0026232	.0005795	.006344	.0015280	.0002425
%RSD	2.911061	2.471708	6.767540	5.233704	.3202054	3.861985	.5834738

#1	.0208539	2.135290	.0404135	.0115289	1.974564	.0407474	.0413452
#2	.0205814	2.139708	.0401331	.0112665	1.987186	.0401079	.0418224
#3	.0197173	2.047358	.0357364	.0104201	1.982002	.0378397	.0415087

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.037042	.1028845	.2020801	.0377841	.0400913	.3508551	.0216161
Stddev	.024954	.0017242	.0143679	.0019975	.0021004	.0022092	.0044719
%RSD	1.225033	1.675826	7.110023	5.286660	5.239134	.6296742	20.68774

#1	2.052518	.1041026	.2106247	.0388623	.0411056	.3494509	.0246583
#2	2.008254	.1036393	.2101237	.0390108	.0414920	.3497128	.0237084
#3	2.050353	.1009117	.1854920	.0354791	.0376762	.3534016	.0164816

Sample Name: LLICV01 Acquired: 7/31/2025 14:00:18 Type: Unk
Method: 6010-200.7 NEW(v73) 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	.0184482	.0199155	.0210117
Stddev	.0020971	.0006029	.0004324
%RSD	11.36747	3.027365	2.057837
#1	.0203764	.0192269	.0213077
#2	.0187527	.0201706	.0212120
#3	.0162155	.0203489	.0205155

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5066.615	91100.03	7879.763	4319.903	6537.319
Stddev	213.917	281.95	149.482	11.082	301.369
%RSD	4.222086	.3094919	1.897041	.2565349	4.609981
#1	5184.886	90925.87	7774.006	4329.616	6705.926
#2	5195.280	90948.91	7814.503	4307.831	6716.649
#3	4819.678	91425.33	8050.779	4322.262	6189.383

Sample Name: ICB01 Acquired: 7/31/2025 14:06:21 Type: Unk
Method: 6010-200.7 NEW(v73) 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	.0006585	-.001485	.0000636	.0004593	-.002100	-.001364	-.003242
Stddev	.0020332	.001016	.0012023	.0011761	.001563	.004541	.000534
%RSD	308.7444	68.45661	1889.177	256.0668	74.43933	332.8730	16.48261

#1	-.001586	-.000340	-.000274	.0012888	-.003905	-.003470	-.002983
#2	.001183	-.001831	-.000933	.0009758	-.001150	.003847	-.003857
#3	.002378	-.002282	.001399	-.000887	-.001246	-.004470	-.002886

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000006	.0000317	-.020779	-.000676	-.000057	-.000000	.0015689
Stddev	.000036	.0000264	.002890	.000639	.000027	.000156	.0044828
%RSD	583.5182	83.19969	13.90869	94.51475	47.51516	32396.91	285.7318

#1	-.000045	.0000289	-.023573	-.000689	-.000086	-.000174	-.002482
#2	.000026	.0000593	-.020963	-.001309	-.000034	.000129	.006385
#3	.000001	.0000068	-.017802	-.000031	-.000050	.000043	.000804

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001527	-.013488	-.000457	.0005237	-.004107	.0006862	-.001246
Stddev	.000404	.016207	.000245	.0003460	.012116	.0025531	.000081
%RSD	26.45383	120.1532	53.50088	66.07107	295.0091	372.0698	6.533397

#1	-.001077	-.023444	-.000608	.0007831	-.016225	.0027370	-.001301
#2	-.001646	.005212	-.000588	.0006570	.008007	.0014948	-.001153
#3	-.001857	-.022233	-.000175	.0001308	-.004103	-.002173	-.001286

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0509839	-.000208	.0001655	-.000737	-.000985	-.005615	.0048542
Stddev	.0342132	.000338	.0001962	.000224	.001169	.004216	.0020341
%RSD	67.10586	163.1096	118.5595	30.41223	118.6774	75.08450	41.90372

#1	.0332406	-.000028	.0002201	-.000481	-.001416	-.005216	.0025500
#2	.0292872	-.000598	-.000052	-.000896	-.001877	-.010015	.0056120
#3	.0904238	.000004	.000329	-.000836	.000338	-.001612	.0064005

Sample Name: ICB01 Acquired: 7/31/2025 14:06:21 Type: Unk
Method: 6010-200.7 NEW(v73) 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	-.000435	-.000073	-.000114
Stddev	.001776	.002639	.000022
%RSD	407.7944	3628.905	19.01572

#1	-.001366	.001452	-.000094
#2	.001612	.001450	-.000112
#3	-.001552	-.003120	-.000137

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5208.598	91634.19	7872.026	4347.674	6850.695
Stddev	3.947	329.11	53.824	14.676	4.792
%RSD	.0757757	.3591535	.6837381	.3375486	.0699558

#1	5204.119	91955.80	7813.762	4333.506	6846.574
#2	5210.107	91298.07	7919.894	4346.707	6855.954
#3	5211.568	91648.70	7882.422	4362.809	6849.557

Sample Name: CRI01 Acquired: 7/31/2025 14:10:42 Type: Unk
Method: 6010-200.7 NEW(v73) 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	.0206513	.0394060	.0115353	.0217425	.0478211	.1110193	.0998420
Stddev	.0013106	.0028533	.0001018	.0031758	.0014806	.0131150	.0003034
%RSD	6.346355	7.240882	.8828539	14.60643	3.096158	11.81321	.3038609

#1	.0191662	.0418781	.0116424	.0192531	.0493889	.1017022	.0995033
#2	.0211419	.0400563	.0115238	.0206552	.0464467	.1053389	.0999339
#3	.0216459	.0362836	.0114397	.0253191	.0476278	.1260169	.1000887

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0062029	.0056670	2.059501	.0100784	.0294162	.0230307	.1096153
Stddev	.0000393	.0000854	.018607	.0003145	.0001641	.0001621	.0022659
%RSD	.6337145	1.507402	.9034934	3.120592	.5578523	.7037343	2.067128

#1	.0062463	.0057521	2.045512	.0097699	.0295823	.0231798	.1069998
#2	.0061930	.0055812	2.080619	.0103986	.0294122	.0228582	.1108631
#3	.0061696	.0056677	2.052372	.0100667	.0292542	.0230542	.1109830

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0205111	2.098291	.0395546	.0108953	1.969030	.0385805	.0487532
Stddev	.0002738	.030020	.0003294	.0002170	.004003	.0037296	.0001423
%RSD	1.334876	1.430664	.8326749	1.992098	.2033108	9.667008	.2919382

#1	.0208200	2.118971	.0392660	.0111380	1.966516	.0348815	.0487963
#2	.0204149	2.063859	.0399134	.0108280	1.966927	.0423399	.0485943
#3	.0202983	2.112044	.0394842	.0107199	1.973646	.0385200	.0488690

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.035700	.1005311	.2028646	.0381671	.0371787	.3525421	.0217523
Stddev	.012337	.0002819	.0007627	.0000208	.0029935	.0073427	.0027187
%RSD	.6060316	.2803879	.3759482	.0545084	8.051678	2.082782	12.49822

#1	2.045723	.1002059	.2037243	.0381909	.0383641	.3462250	.0235848
#2	2.039456	.1007057	.2026005	.0381576	.0393980	.3605982	.0186287
#3	2.021922	.1006817	.2022691	.0381527	.0337741	.3508032	.0230435

Sample Name: CRI01 Acquired: 7/31/2025 14:10:42 Type: Unk
Method: 6010-200.7 NEW(v73) 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	.0210077	.0163054	.0215188
Stddev	.0037506	.0036857	.0000412
%RSD	17.85360	22.60412	.1912917

#1	.0171420	.0187892	.0214896
#2	.0212495	.0180564	.0215658
#3	.0246315	.0120706	.0215009

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5210.264	90780.31	7823.234	4360.627	6711.597
Stddev	5.755	158.20	32.719	14.062	14.655
%RSD	.1104627	.1742652	.4182341	.3224670	.2183481

#1	5215.565	90743.45	7823.615	4347.189	6715.160
#2	5204.142	90643.80	7790.325	4359.453	6695.489
#3	5211.085	90953.69	7855.761	4375.239	6724.141

Sample Name: ICSA01 Acquired: 7/31/2025 14:33:35 Type: Unk
Method: 6010-200.7 NEW(v74) 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	.0061230	-.025559	-.005420	-.001714	-.005382	252.0772	.0030765
Stddev	.0016439	.003408	.002906	.004546	.001631	1.3869	.0006356
%RSD	26.84873	13.33286	53.61319	265.1609	30.30595	.5501700	20.66153

#1	.0062235	-.022660	-.008722	.002868	-.006397	253.5961	.0023747
#2	.0077144	-.024705	-.004288	-.006222	-.006248	250.8783	.0032413
#3	.0044311	-.029313	-.003251	-.001789	-.003501	251.7572	.0036136

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015363	.0003600	237.0970	.0549215	.0021400	-.002663	101.1097
Stddev	.0000441	.0000969	1.5417	.0009843	.0001101	.000444	.6882
%RSD	2.871652	26.91670	.6502477	1.792233	5.146494	16.65815	.6805975

#1	.0015859	.0002971	238.6505	.0550055	.0020613	-.003171	101.3796
#2	.0015216	.0003112	235.5673	.0538979	.0020928	-.002460	101.6220
#3	.0015014	.0004716	237.0733	.0558612	.0022658	-.002356	100.3276

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0079437	252.9487	.0033372	.0027831	.1277436	.0060060	.0012568
Stddev	.0005306	1.2116	.0003972	.0001361	.0100417	.0027374	.0001277
%RSD	6.679485	.4789768	11.90211	4.889329	7.860813	45.57713	10.15869

#1	.0083045	254.2593	.0037645	.0028794	.1175187	.0049755	.0011172
#2	.0073345	251.8695	.0029793	.0028425	.1375914	.0091091	.0013677
#3	.0081922	252.7173	.0032677	.0026274	.1281206	.0039334	.0012855

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1171981	.0316430	.0005684	-.003403	-.003909	.0047276	.0100625
Stddev	.0226982	.0049792	.0006035	.001537	.001282	.0111447	.0052937
%RSD	19.36741	15.73551	106.1731	45.17644	32.78352	235.7354	52.60768

#1	.1380332	.0322591	.0001261	-.002438	-.004888	-.004052	.0079942
#2	.0930098	.0362855	.0012560	-.005176	-.002459	.017265	.0061153
#3	.1205512	.0263845	.0003232	-.002595	-.004381	.000970	.0160781

Sample Name: ICSA01 Acquired: 7/31/2025 14:33:35 Type: Unk
Method: 6010-200.7 NEW(v74) 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	-.005188	.0140517	.0043357
Stddev	.003375	.0016363	.0010899
%RSD	65.06245	11.64465	25.13824

#1	-.009070	.0128995	.0048222
#2	-.003543	.0133309	.0030872
#3	-.002950	.0159246	.0050975

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4610.079	78169.02	7250.782	3810.863	5313.107
Stddev	12.491	310.26	58.591	25.569	11.495
%RSD	.2709465	.3969033	.8080709	.6709611	.2163496

#1	4598.091	77896.92	7210.356	3807.666	5304.422
#2	4609.128	78103.25	7317.976	3787.042	5308.756
#3	4623.019	78506.89	7224.013	3837.881	5326.142

Sample Name: ICSAB01 Acquired: 7/31/2025 14:40:39 Type: Unk
Method: 6010-200.7 NEW(v74) 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	.0997764	.0873576	.0402188	.0441324	.5766857	249.4683
Stddev	.0029201	.0041363	.0020272	.0067033	.0017862	.1507
%RSD	2.926604	4.734858	5.040463	15.18903	.3097274	.0603978

#1	.1028396	.0838679	.0392667	.0515806	.5786717	249.6262
#2	.0970244	.0919265	.0388429	.0385843	.5752108	249.4526
#3	.0994651	.0862784	.0425468	.0422323	.5761746	249.3261

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4832750	.4654853	.9046005	233.0664	.5223218	.4706717
Stddev	.0007583	.0001245	.0019871	.6447	.0005154	.0004250
%RSD	.1569033	.0267414	.2196658	.2766196	.0986660	.0902860

#1	.4841190	.4654938	.9032564	233.7968	.5228645	.4709767
#2	.4826513	.4656054	.9036620	232.5766	.5218391	.4701863
#3	.4830547	.4653568	.9068830	232.8257	.5222618	.4708520

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4548179	100.1221	.4715700	247.4617	.9353324	.2073887
Stddev	.0007496	.1942	.0018659	.3925	.0015799	.0005094
%RSD	.1648080	.1939773	.3956825	.1585908	.1689115	.2456298

#1	.4548150	100.3381	.4704064	247.2463	.9349694	.2075660
#2	.4540698	100.0661	.4737222	247.9147	.9339655	.2068143
#3	.4555689	99.9620	.4705815	247.2242	.9370621	.2077858

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1053837	.4564095	.9957955	.0827352	.9513989	.9989766
Stddev	.0127678	.0044653	.0026419	.0270357	.0001204	.0013028
%RSD	12.11550	.9783567	.2653035	32.67743	.0126539	.1304107

#1	.1194093	.4615656	.9985347	.0578511	.9512977	1.000046
#2	.1023047	.4538379	.9955888	.1115026	.9515320	.997526
#3	.0944369	.4538251	.9932631	.0788519	.9513670	.999358

Sample Name: ICSAB01 Acquired: 7/31/2025 14:40:39 Type: Unk
Method: 6010-200.7 NEW(v74) 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	.9851280	.9528597	.9616479	F .0119072	F -.002135	.9369247
Stddev	.0012393	.0010335	.0112765	.0050869	.000452	.0043785
%RSD	.1257973	.1084614	1.172626	42.72069	21.17096	.4673261

#1	.9861255	.9540413	.9492360	.0150210	-.002054	.9338240
#2	.9837407	.9524141	.9644455	.0146637	-.001729	.9419334
#3	.9855179	.9521238	.9712623	.0060371	-.002622	.9350167

Elem	Sr4077
Units	ppm
Avg	1.003748
Stddev	.000364
%RSD	.0362666

#1	1.003641
#2	1.004154
#3	1.003450

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4618.331	79475.37	7440.359	3854.035	5336.438
Stddev	13.582	60.12	5.775	8.803	16.304
%RSD	.2940820	.0756411	.0776117	.2284207	.3055147

#1	4608.477	79442.79	7447.027	3861.248	5323.961
#2	4612.693	79438.57	7437.085	3844.225	5330.467
#3	4633.824	79544.74	7436.967	3856.632	5354.885

Sample Name: ICSADLX20 Acquired: 7/31/2025 14:51:51 Type: Unk
Method: 6010-200.7 NEW(v75) 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	.0006888	-.003530	.0002287	-.001021	-.001794	12.43479	-.002100
Stddev	.0015323	.000513	.0010760	.001630	.001689	.01974	.000629
%RSD	222.4473	14.52986	470.4167	159.6816	94.12803	.1587375	29.92778

#1	.0021078	-.003910	.0003652	-.002282	-.003220	12.42986	-.002729
#2	.0008948	-.003733	.0012300	-.001600	-.002233	12.45652	-.002101
#3	-.000936	-.002947	-.000909	.000820	.000071	12.41798	-.001471

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001115	-.000004	12.42278	.0020438	.0001653	-.000159	4.915388
Stddev	.0000737	.000064	.04892	.0001739	.0001525	.000152	.052558
%RSD	66.12027	1645.519	.3938114	8.508442	92.26738	95.96798	1.069256

#1	.0000389	.000058	12.36746	.0018832	.0003321	-.000028	4.896304
#2	.0001863	.000000	12.44051	.0022285	.0001309	-.000123	4.974822
#3	.0001094	-.000070	12.46036	.0020197	.0000329	-.000326	4.875039

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001240	12.78890	.0001564	.0006881	.0042886	-.001699	-.001077
Stddev	.000602	.05845	.0001260	.0004304	.0028885	.000887	.000146
%RSD	48.56160	.4570630	80.54370	62.54842	67.35293	52.19457	13.53989

#1	-.001647	12.73553	.0000142	.0010432	.0037179	-.002679	-.001206
#2	-.001527	12.85137	.0002012	.0008117	.0074199	-.001465	-.001105
#3	-.000548	12.77981	.0002538	.0002094	.0017281	-.000953	-.000919

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0165669	-.002862	.0001532	-.001052	.0006123	-.007375	.0008531
Stddev	.0209025	.000591	.0002451	.000515	.0010349	.008868	.0017829
%RSD	126.1705	20.65021	159.9950	48.91442	169.0156	120.2446	208.9959

#1	.0214964	-.002295	.0004223	-.001110	.0005499	-.000197	.0027362
#2	-.006360	-.002816	-.000057	-.000511	-.000390	-.004640	-.000809
#3	.034564	-.003475	.000095	-.001536	.001677	-.017289	.000632

Sample Name: ICSADLX20 Acquired: 7/31/2025 14:51:51 Type: Unk
Method: 6010-200.7 NEW(v75) 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	.0018246	-.000681	.0003164
Stddev	.0018745	.002891	.0001259
%RSD	102.7362	424.3654	39.77843

#1	.0010237	-.002102	.0003968
#2	.0039665	.002645	.0001714
#3	.0004836	-.002587	.0003812

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5112.534	88335.97	7489.070	4248.090	6475.741
Stddev	9.891	36.94	71.642	6.440	17.009
%RSD	.1934606	.0418174	.9566148	.1515935	.2626537

#1	5101.588	88377.28	7512.232	4253.598	6460.060
#2	5115.182	88306.12	7546.265	4249.661	6473.340
#3	5120.830	88324.51	7408.713	4241.010	6493.822

Sample Name: ICSABDLX20 Acquired: 7/31/2025 14:56:07 Type: Unk
Method: 6010-200.7 NEW(v75) 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	.0052749	.0043865	.0016915	.0010704	.0279230	12.00295	.0231781
Stddev	.0016850	.0019375	.0010422	.0025242	.0022675	.03026	.0003870
%RSD	31.94425	44.17108	61.61559	235.8115	8.120425	.2520635	1.669831

#1	.0040267	.0046517	.0022572	.0027278	.0273619	11.97714	.0229708
#2	.0046064	.0023299	.0004888	-.001835	.0259888	11.99547	.0236246
#3	.0071916	.0061777	.0023286	.002318	.0304184	12.03625	.0229388

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0251355	.0446881	12.03236	.0261861	.0232668	.0245171	4.733079
Stddev	.0002893	.0000544	.01409	.0003958	.0001186	.0001091	.047261
%RSD	1.150842	.1218070	.1170955	1.511341	.5099015	.4450577	.9985274

#1	.0250622	.0446252	12.03666	.0263280	.0231313	.0246232	4.767891
#2	.0248900	.0447177	12.01662	.0264914	.0233521	.0244053	4.752069
#3	.0254544	.0447212	12.04379	.0257390	.0233169	.0245229	4.679276

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0239947	12.35959	.0467574	.0102814	.0054825	.0250680	.0488166
Stddev	.0002145	.04576	.0003258	.0002623	.0059008	.0045898	.0004400
%RSD	.8937839	.3702790	.6968452	2.551274	107.6301	18.30927	.9012472

#1	.0238469	12.31208	.0468778	.0102570	.0038802	.0213928	.0491150
#2	.0238966	12.36332	.0463885	.0100321	.0120189	.0302125	.0490235
#3	.0242407	12.40338	.0470059	.0105550	.0005483	.0235986	.0483114

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0300726	-.003211	.0001109	-.001409	-.000919	-.009080	.0039829
Stddev	.0174562	.000160	.0002831	.000656	.000362	.022503	.0019344
%RSD	58.04700	4.982773	255.3046	46.54621	39.34859	247.8441	48.56758

#1	.0341752	-.003364	.0002906	-.000683	-.000503	-.031091	.0018734
#2	.0451121	-.003224	-.000215	-.001585	-.001158	-.010033	.0044016
#3	.0109304	-.003045	.000257	-.001959	-.001096	.013885	.0056736

Sample Name: ICSABDLX20 Acquired: 7/31/2025 14:56:07 Type: Unk
Method: 6010-200.7 NEW(v75) 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	.0011701	.0002314	.0003818
Stddev	.0024658	.0016871	.0001616
%RSD	210.7417	728.9528	42.34022

#1	.0016714	.0007283	.0003077
#2	.0033467	-.001648	.0002704
#3	-.001508	.001614	.0005672

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5115.395	88663.11	7508.097	4278.721	6479.144
Stddev	2.120	595.11	48.278	15.885	10.001
%RSD	.0414383	.6712085	.6430101	.3712597	.1543635

#1	5117.348	88224.52	7527.259	4261.818	6490.121
#2	5113.141	88424.27	7543.851	4281.003	6470.548
#3	5115.697	89340.55	7453.180	4293.341	6476.764

Sample Name: CCV01 Acquired: 7/31/2025 15:06:50 Type: Unk
Method: 6010-200.7 NEW(v75) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.889437	5.244774	4.758852	4.936234	4.920772	9.695165
Stddev	.018897	.201216	.016331	.023603	.007671	.033433
%RSD	.3864782	3.836503	.3431618	.4781585	.1558885	.3448411

#1	4.888666	5.201373	4.747049	4.932541	4.916662	9.726986
#2	4.870938	5.068800	4.752017	4.914695	4.916032	9.660325
#3	4.908707	5.464149	4.777489	4.961466	4.929623	9.698185

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.718439	.2451007	2.385514	24.45003	.9620587	2.394997
Stddev	.152936	.0015499	.008633	.12906	.0004887	.005358
%RSD	1.573669	.6323371	.3618792	.5278568	.0507990	.2237013

#1	9.894999	.2444845	2.380412	24.35631	.9623182	2.391753
#2	9.627073	.2439537	2.380648	24.39653	.9614949	2.392057
#3	9.633246	.2468639	2.395481	24.59723	.9623629	2.401181

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.217068	4.879560	2.448258	24.08670	2.410461	1.217521
Stddev	.000632	.021493	.008182	.12131	.004965	.002497
%RSD	.0519170	.4404613	.3341889	.5036189	.2059922	.2051208

#1	1.217203	4.881460	2.447124	23.96171	2.406778	1.220380
#2	1.216379	4.900040	2.440702	24.09445	2.408496	1.216420
#3	1.217621	4.857181	2.456947	24.20395	2.416108	1.215764

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.75283	2.424011	2.454023	24.25345	4.916038	4.922624
Stddev	.18808	.003435	.007498	.14152	.039303	.014952
%RSD	.7918040	.1417259	.3055525	.5834972	.7994770	.3037394

#1	23.84415	2.427863	2.447617	24.32459	4.896364	4.919180
#2	23.87781	2.422905	2.462271	24.34529	4.890457	4.909694
#3	23.53653	2.421265	2.452180	24.09048	4.961292	4.938997

Sample Name: CCV01 Acquired: 7/31/2025 15:06:50 Type: Unk
Method: 6010-200.7 NEW(v75) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.834472	4.805033	4.779392	F 4.636693	4.804942	4.792131
Stddev	.024858	.003175	.034624	.029305	.042067	.008000
%RSD	.5141893	.0660783	.7244518	.6320212	.8754861	.1669456

#1	4.818967	4.807069	4.798333	4.620920	4.789896	4.797605
#2	4.821305	4.806655	4.800413	4.618653	4.772467	4.795839
#3	4.863144	4.801375	4.739429	4.670506	4.852462	4.782950

Elem	Sr4077
Units	ppm
Avg	5.002185
Stddev	.069909
%RSD	1.397571

#1	4.929756
#2	5.007533
#3	5.069267

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4998.803	86722.28	7437.085	4173.657	6011.403
Stddev	5.935	491.45	25.845	18.006	5.802
%RSD	.1187346	.5666904	.3475148	.4314222	.0965186

#1	4992.890	86617.78	7463.201	4176.883	6010.975
#2	4998.760	86291.49	7436.533	4154.255	6017.407
#3	5004.760	87257.57	7411.520	4189.831	6005.827

Sample Name: CCB01 Acquired: 7/31/2025 15:11:46 Type: Unk
Method: 6010-200.7 NEW(v75) 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	.0016169	-.002104	.0000321	.0002747	.0005890	.0036599	-.002291
Stddev	.0009466	.000722	.0007214	.0007101	.0002891	.0039386	.000933
%RSD	58.54462	34.29072	2248.299	258.5240	49.07682	107.6163	40.72622

#1	.0020101	-.001330	-.000462	.0005211	.0007745	.0081416	-.003025
#2	.0023037	-.002224	.000860	-.000526	.0007365	.0007494	-.001241
#3	.0005371	-.002758	-.000302	.000829	.0002559	.0020886	-.002609

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000014	.0000152	-.016198	-.000981	.0001450	.0000463	-.003034
Stddev	.0000267	.0000173	.001563	.000230	.0001669	.0002023	.001641
%RSD	1923.452	114.0604	9.648432	23.47447	115.1562	436.7422	54.09687

#1	-.000021	-.000001	-.015662	-.000743	-.000047	.0000745	-.001188
#2	-.000005	.000013	-.014973	-.001203	.000231	.0002331	-.004328
#3	.000031	.000033	-.017958	-.000996	.000251	-.000169	-.003586

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001245	-.028699	-.000083	.0004540	.0084760	-.004447	-.001450
Stddev	.000100	.013324	.000005	.0002932	.0098624	.001680	.000127
%RSD	8.061932	46.42803	5.667621	64.59353	116.3563	37.78446	8.765420

#1	-.001305	-.020465	-.000078	.0001204	.0187349	-.006331	-.001596
#2	-.001301	-.044071	-.000087	.0006713	-.000935	-.003102	-.001392
#3	-.001129	-.021560	-.000084	.0005701	.007628	-.003909	-.001363

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0395206	.0047336	.0007554	-.000628	.0005142	-.010791	.0045877
Stddev	.0188013	.0007956	.0001786	.000531	.0024877	.005310	.0016490
%RSD	47.57333	16.80838	23.64344	84.55317	483.7779	49.20806	35.94358

#1	.0565543	.0043475	.0007872	-.000391	.0028715	-.004777	.0063941
#2	.0426605	.0042047	.0005630	-.001237	.0007571	-.014832	.0031630
#3	.0193471	.0056486	.0009159	-.000257	-.002086	-.012766	.0042061

Sample Name: CCB01 Acquired: 7/31/2025 15:11:46 Type: Unk
Method: 6010-200.7 NEW(v75) 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	-.001081	-.005949	-.000059
Stddev	.001635	.001750	.000040
%RSD	151.2234	29.41797	68.58787

#1	.000519	-.005528	-.000073
#2	-.001013	-.004448	-.000013
#3	-.002750	-.007872	-.000090

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5191.694	90407.05	7690.040	4306.531	6838.925
Stddev	8.460	402.64	36.324	2.562	6.130
%RSD	.1629613	.4453649	.4723456	.0594840	.0896316

#1	5195.716	90302.40	7648.217	4303.640	6845.831
#2	5181.973	90851.68	7713.700	4308.519	6834.128
#3	5197.394	90067.06	7708.202	4307.435	6836.816

Sample Name: PB169049BL Acquired: 7/31/2025 15:16:15 Type: Unk
Method: 6010-200.7 NEW(v75) 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	.0022287	-.002122	-.000174	-.001053	-.001633	-.002603	-.003353
Stddev	.0013203	.000554	.000507	.001573	.000771	.005001	.001313
%RSD	59.23965	26.12497	292.1970	149.4046	47.23661	192.1288	39.15450

#1	.0037022	-.002731	-.000403	-.002762	-.001065	.002650	-.003671
#2	.0018309	-.001647	.000408	-.000729	-.001323	-.003151	-.004478
#3	.0011531	-.001988	-.000526	.000333	-.002512	-.007307	-.001910

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000055	.0000821	-.016506	-.000891	-.000051	-.000116	.0011983
Stddev	.000050	.0000520	.004152	.000430	.000009	.000060	.0011707
%RSD	90.64248	63.41113	25.15791	48.28900	17.89806	51.75813	97.69947

#1	-.000041	.0001417	-.014392	-.001183	-.000041	-.000064	.0006689
#2	-.000111	.0000458	-.013835	-.000397	-.000059	-.000102	.0025402
#3	-.000014	.0000587	-.021290	-.001093	-.000051	-.000181	.0003858

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001258	-.032609	-.000416	.0007175	-.017712	-.001803	-.001430
Stddev	.000320	.013888	.000100	.0003788	.003369	.003494	.000109
%RSD	25.47686	42.58913	24.02911	52.80191	19.02302	193.8526	7.654005

#1	-.000944	-.018945	-.000493	.0003681	-.017561	.002154	-.001555
#2	-.001244	-.032172	-.000303	.0006642	-.021154	-.004467	-.001385
#3	-.001585	-.046710	-.000452	.0011201	-.014420	-.003095	-.001351

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0391056	.0022044	.0001241	-.000316	-.000131	-.006726	.0024896
Stddev	.0107604	.0004534	.0001419	.000269	.001410	.014040	.0028144
%RSD	27.51624	20.56646	114.3524	85.10659	1075.426	208.7474	113.0465

#1	.0514591	.0016951	.0002440	-.000031	.000242	.001506	.0010963
#2	.0340822	.0023543	-.000033	-.000565	-.001690	.001253	.0057288
#3	.0317756	.0025639	.000161	-.000350	.001055	-.022938	.0006436

Sample Name: PB169049BL Acquired: 7/31/2025 15:16:15 Type: Unk
Method: 6010-200.7 NEW(v75) 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	-.000757	-.005491	-.000115
Stddev	.000598	.003601	.000054
%RSD	79.06101	65.57509	47.27720

#1	-.000367	-.006041	-.000054
#2	-.001446	-.001647	-.000157
#3	-.000458	-.008785	-.000135

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5206.516	90930.72	7701.327	4331.337	6847.905
Stddev	3.349	556.19	10.934	11.348	9.165
%RSD	.0643276	.6116675	.1419810	.2620055	.1338391

#1	5205.199	91334.34	7699.296	4320.864	6846.024
#2	5204.025	91161.54	7713.134	4343.394	6839.826
#3	5210.323	90296.28	7691.550	4329.754	6857.865

Sample Name: PB169028BL Acquired: 7/31/2025 15:20:34 Type: Unk
Method: 6010-200.7 NEW(v75) 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	.0007512	-.000202	-.000506	.0005896	-.001637	.0053442	-.002024
Stddev	.0004200	.000457	.000850	.0020579	.001252	.0025821	.000605
%RSD	55.91756	226.4670	168.1753	349.0552	76.48680	48.31655	29.88004

#1	.0011006	-.000246	.000359	-.001157	-.001987	.0033143	-.001928
#2	.0008678	.000276	-.001341	.002858	-.002676	.0082505	-.001473
#3	.0002852	-.000635	-.000535	.000067	-.000247	.0044678	-.002671

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000657	-.000008	-.021262	-.001044	-.000078	-.000097	-.002028
Stddev	.0000197	.000045	.008811	.000226	.000228	.000067	.004825
%RSD	30.05517	526.0916	41.43889	21.61198	291.5258	68.95856	237.9140

#1	.0000822	-.000034	-.019440	-.001263	.000090	-.000107	-.002107
#2	.0000712	.000043	-.013505	-.000812	.000013	-.000026	-.006813
#3	.0000438	-.000035	-.030841	-.001056	-.000337	-.000159	.002836

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001429	-.030338	-.000166	.0003871	-.022279	.0022750	-.001300
Stddev	.000386	.012290	.000274	.0003510	.002906	.0016662	.000116
%RSD	27.00273	40.51146	164.7618	90.68831	13.04526	73.24066	8.896744

#1	-.001490	-.039556	-.000008	.0005860	-.019975	.0041761	-.001413
#2	-.001781	-.016384	-.000483	.0005934	-.021318	.0015806	-.001182
#3	-.001016	-.035074	-.000008	-.000018	-.025544	.0010683	-.001305

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0195888	.0003950	.0000919	-.000179	-.001081	-.010114	.0036311
Stddev	.0041095	.0000666	.0002510	.000223	.001473	.006665	.0009197
%RSD	20.97875	16.84803	273.0580	124.1977	136.2176	65.90134	25.32720

#1	.0210771	.0003493	.0002150	.000075	-.002433	-.002796	.0040032
#2	.0149425	.0003643	.0002577	-.000274	.000489	-.011708	.0025837
#3	.0227467	.0004714	-.000197	-.000339	-.001300	-.015838	.0043064

Sample Name: PB169028BL Acquired: 7/31/2025 15:20:34 Type: Unk
Method: 6010-200.7 NEW(v75) 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	.0001244	-.004148	-.000130
Stddev	.0022771	.004217	.000060
%RSD	1830.067	101.6637	46.08694

#1	-.002341	-.004874	-.000075
#2	.002148	-.007954	-.000193
#3	.000566	.000385	-.000121

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5203.130	91126.29	7606.073	4375.399	6796.533
Stddev	23.580	182.32	53.519	29.079	15.605
%RSD	.4531917	.2000731	.7036322	.6645953	.2295958

#1	5225.633	91081.16	7627.019	4358.611	6809.863
#2	5205.153	91326.94	7545.249	4408.976	6779.369
#3	5178.603	90970.78	7645.951	4358.609	6800.366

Sample Name: Q2709-01 Acquired: 7/31/2025 15:24:53 Type: Unk
Method: 6010-200.7 NEW(v75) 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	.0587788	-.134348	.1089604	.0007775	-.010518	99.50552	.9791633
Stddev	.0010237	.002195	.0014188	.0013594	.000471	.26972	.0032602
%RSD	1.741638	1.634017	1.302120	174.8476	4.482426	.2710629	.3329605

#1	.0587593	-.131990	.1105031	-.000752	-.010993	99.70031	.9786236
#2	.0598121	-.136332	.1086665	.001848	-.010511	99.61858	.9826596
#3	.0577650	-.134722	.1077116	.001236	-.010050	99.19766	.9762065

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0075269	.0043174	46.00527	.2833448	.1255792	.2930096	228.3620
Stddev	.0001382	.0000179	.09700	.0022690	.0001549	.0007831	1.1920
%RSD	1.835909	.4151502	.2108542	.8008097	.1233189	.2672581	.5219764

#1	.0075560	.0043309	46.03270	.2816962	.1257376	.2921459	227.0924
#2	.0073765	.0042971	46.08560	.2824056	.1254282	.2936734	228.5365
#3	.0076482	.0043243	45.89750	.2859327	.1255719	.2932095	229.4572

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.877559	45.54094	.2165770	.0064144	1.740644	.3800298	1.260026
Stddev	.011322	.20880	.0001109	.0003880	.009803	.0009287	.010438
%RSD	.2321343	.4584840	.0512163	6.048497	.5631880	.2443653	.8283927

#1	4.878973	45.75492	.2167006	.0060393	1.740247	.3799397	1.248123
#2	4.888108	45.53015	.2165443	.0063898	1.731046	.3810002	1.264334
#3	4.865596	45.33774	.2164861	.0068141	1.750640	.3791495	1.267620

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.465840	.0627486	.0037192	.0111911	3.650878	1.760759	6.034716
Stddev	.060997	.0042809	.0000730	.0010837	.003349	.018603	.012482
%RSD	.8170154	6.822227	1.963880	9.683345	.0917220	1.056547	.2068304

#1	7.401754	.0591866	.0036435	.0107391	3.649413	1.742037	6.033915
#2	7.472578	.0615614	.0037247	.0104066	3.654710	1.761000	6.047579
#3	7.523189	.0674977	.0037893	.0124276	3.648512	1.779241	6.022654

Sample Name: Q2709-01 Acquired: 7/31/2025 15:24:53 Type: Unk
Method: 6010-200.7 NEW(v75) 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	1.089936	.1964306	-.005737
Stddev	.005006	.0012226	.001466
%RSD	.4592473	.6223914	25.55115

#1	1.084205	.1958497	-.004754
#2	1.092159	.1978353	-.005036
#3	1.093446	.1956068	-.007422

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5708.746	99122.48	8806.128	4772.192	5803.446
Stddev	3.370	200.18	46.836	17.958	11.121
%RSD	.0590331	.2019570	.5318617	.3763053	.1916205

#1	5704.916	99322.68	8762.129	4791.868	5790.809
#2	5711.257	99122.46	8800.893	4768.023	5807.789
#3	5710.065	98922.31	8855.362	4756.685	5811.739

Sample Name: PB169059BL Acquired: 7/31/2025 15:28:57 Type: Unk
Method: 6010-200.7 NEW(v75) 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	.0011257	-.000065	-.001068	.0005927	-.000537	.0041756	-.000990
Stddev	.0005950	.002296	.001727	.0026632	.002012	.0050135	.000537
%RSD	52.85451	3551.103	161.7422	449.3667	374.9826	120.0670	54.18188

#1	.0006344	-.001055	-.002877	-.000739	.001425	.0099579	-.001009
#2	.0009556	.002561	-.000890	-.001142	-.002595	.0010417	-.001517
#3	.0017873	-.001700	.000564	.003659	-.000439	.0015271	-.000445

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000061	.0000269	-.016466	-.000807	-.000056	-.000095	.0011857
Stddev	.0000501	.0000692	.006161	.000111	.000119	.000321	.0020976
%RSD	825.0135	257.4711	37.41880	13.70071	212.6157	336.5220	176.9141

#1	-.000043	-.000002	-.012138	-.000729	.000068	-.000000	-.001183
#2	.000004	-.000023	-.023520	-.000933	-.000169	.000167	.001933
#3	.000057	.000106	-.013739	-.000757	-.000066	-.000454	.002807

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001466	-.011218	.0000798	.0003729	-.017810	-.002116	-.001412
Stddev	.000223	.008818	.0002582	.0002322	.007141	.001703	.000048
%RSD	15.19724	78.60031	323.4665	62.26434	40.09799	80.51439	3.399960

#1	-.001720	-.002484	.0002929	.0004656	-.024782	-.003789	-.001435
#2	-.001308	-.020117	-.000207	.0001087	-.018138	-.000384	-.001356
#3	-.001369	-.011053	.000154	.0005445	-.010510	-.002174	-.001443

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.006451	-.001389	.0002413	-.000429	.0019749	-.005328	.0031388
Stddev	.039099	.000272	.0001942	.000562	.0023605	.002145	.0022683
%RSD	606.0679	19.59007	80.50571	131.2064	119.5251	40.25201	72.26548

#1	-.026363	-.001545	.0004609	-.001078	.0004082	-.003578	.0029782
#2	.038596	-.001547	.0000922	-.000118	.0046898	-.004685	.0009551
#3	-.031587	-.001075	.0001707	-.000090	.0008266	-.007720	.0054832

Sample Name: PB169059BL Acquired: 7/31/2025 15:28:57 Type: Unk
Method: 6010-200.7 NEW(v75) 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	-.000120	-.007136	-.000150
Stddev	.000723	.001885	.000057
%RSD	600.5194	26.41630	37.94429

#1	-.000909	-.006757	-.000131
#2	.000511	-.005469	-.000214
#3	.000037	-.009182	-.000105

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5177.779	89992.09	7378.251	4307.790	6765.342
Stddev	10.059	573.34	106.627	2.974	11.296
%RSD	.1942632	.6370998	1.445153	.0690444	.1669615

#1	5189.095	90643.51	7499.531	4311.221	6767.443
#2	5174.385	89564.14	7335.983	4305.935	6753.144
#3	5169.856	89768.61	7299.238	4306.214	6775.440

Sample Name: PB169059BS Acquired: 7/31/2025 15:33:16 Type: Unk
Method: 6010-200.7 NEW(v75) 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	.7749456	2.128676	.9300321	1.980876	.8375451	2.033401	.2038301
Stddev	.0037129	.047459	.0021113	.002682	.0003713	.003936	.0011151
%RSD	.4791198	2.229492	.2270095	.1353948	.0443302	.1935609	.5470673

#1	.7709788	2.074024	.9321432	1.978869	.8371363	2.035831	.2043209
#2	.7783376	2.159502	.9300326	1.979837	.8376379	2.035512	.2046157
#3	.7755204	2.152501	.9279207	1.983922	.8378613	2.028860	.2025538

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2089817	.1843727	1.033779	.3998537	.1943722	.3097362	3.033063
Stddev	.0011639	.0006395	.009652	.0020786	.0008638	.0009957	.006507
%RSD	.5569259	.3468312	.9336737	.5198361	.4444010	.3214694	.2145507

#1	.2076380	.1844900	1.041069	.3990733	.1946078	.3108708	3.034863
#2	.2096760	.1849455	1.022833	.3982783	.1950938	.3093298	3.038481
#3	.2096311	.1836828	1.037436	.4022095	.1934151	.3090079	3.025845

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2075492	2.018062	.4905477	.0768407	2.879185	.3031277	.2111433
Stddev	.0008629	.025395	.0017050	.0003477	.013145	.0006188	.0008771
%RSD	.4157504	1.258393	.3475772	.4525033	.4565573	.2041406	.4154155

#1	.2068840	2.045504	.4909454	.0766031	2.894327	.3032220	.2105946
#2	.2085243	2.013293	.4920187	.0766793	2.872516	.3036939	.2121549
#3	.2072395	1.995390	.4886790	.0772398	2.870710	.3024672	.2106805

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.867363	.3094946	.4186830	.6930322	.2004756	.8756679	5.445132
Stddev	.019828	.0012711	.0006108	.0011474	.0025058	.0028902	.024841
%RSD	.2009414	.4106986	.1458782	.1655628	1.249943	.3300540	.4562053

#1	9.889665	.3081579	.4185901	.6928283	.1976779	.8781435	5.471147
#2	9.851727	.3106879	.4193349	.6942679	.2012348	.8724919	5.442588
#3	9.860697	.3096381	.4181240	.6920004	.2025140	.8763683	5.421660

Sample Name: PB169059BS Acquired: 7/31/2025 15:33:16 Type: Unk
Method: 6010-200.7 NEW(v75) 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	F -.001367	.1853553	.2034400
Stddev	.002061	.0010476	.0005177
%RSD	150.7658	.5651634	.2544661

#1	-.003647	.1847743	.2028545
#2	.000365	.1865646	.2036280
#3	-.000819	.1847270	.2038374

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5195.667	89027.74	7542.656	4266.491	6614.634
Stddev	4.696	182.96	36.275	21.957	11.550
%RSD	.0903900	.2055060	.4809322	.5146462	.1746142

#1	5190.389	89192.46	7584.174	4271.113	6605.661
#2	5199.385	88830.82	7517.091	4242.590	6610.576
#3	5197.228	89059.93	7526.704	4285.769	6627.666

Sample Name: Q2729-01 Acquired: 7/31/2025 15:37:17 Type: Unk
Method: 6010-200.7 NEW(v75) 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	.0000656	-.005724	.0260865	.0044028	.0007252	1.661072	.0659446
Stddev	.0024641	.001182	.0008546	.0005053	.0003111	.004259	.0006054
%RSD	3754.477	20.64864	3.276149	11.47751	42.90566	.2564255	.9180065

#1	-.001972	-.007060	.0269817	.0045305	.0010841	1.664130	.0660642
#2	-.000635	-.005294	.0252792	.0048321	.0005594	1.656207	.0664813
#3	.002804	-.004817	.0259985	.0038459	.0005320	1.662878	.0652884

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000463	.0000821	42.92389	.0066090	.0015185	.0404190	7.095511
Stddev	.0000368	.0000068	.13900	.0001170	.0001380	.0002552	.066950
%RSD	79.48346	8.350403	.3238404	1.769804	9.091100	.6314105	.9435574

#1	.0000040	.0000886	42.87604	.0067411	.0014085	.0404991	7.064784
#2	.0000711	.0000749	43.08050	.0065672	.0014736	.0401333	7.172309
#3	.0000637	.0000827	42.81513	.0065187	.0016734	.0406245	7.049440

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2096393	5.914548	.0060166	.0003177	27.33946	.0069569	.2437580
Stddev	.0013468	.024723	.0001235	.0003688	.24489	.0004043	.0016250
%RSD	.6424276	.4180001	2.052443	116.0908	.8957431	5.811782	.6666618

#1	.2105589	5.886062	.0061559	.0001438	27.41846	.0073685	.2436632
#2	.2102655	5.930409	.0059205	.0007413	27.53510	.0069420	.2454284
#3	.2080934	5.927174	.0059735	.0000680	27.06482	.0065602	.2421824

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.712326	.0275089	.0020124	-.002162	.0763601	6.232456	2.209128
Stddev	.044170	.0002754	.0002047	.000649	.0023462	.062834	.007454
%RSD	.6580449	1.001043	10.17391	30.00930	3.072614	1.008167	.3374208

#1	6.736080	.0274909	.0020311	-.002440	.0760451	6.221959	2.205293
#2	6.739535	.0272429	.0017989	-.002626	.0788480	6.299877	2.217719
#3	6.661362	.0277928	.0022071	-.001421	.0741873	6.175533	2.204373

Sample Name: Q2729-01 Acquired: 7/31/2025 15:37:17 Type: Unk
Method: 6010-200.7 NEW(v75) 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	2.383677	.0054465	.1209030
Stddev	.014774	.0019446	.0004442
%RSD	.6197839	35.70357	.3673908

#1	2.369874	.0055622	.1211873
#2	2.399260	.0073307	.1211305
#3	2.381898	.0034467	.1203911

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5064.527	87751.23	7599.086	4148.257	6347.814
Stddev	11.983	664.37	12.224	44.349	10.219
%RSD	.2366096	.7571057	.1608550	1.069088	.1609897

#1	5055.403	87630.93	7604.194	4152.405	6342.113
#2	5078.098	87155.23	7585.137	4101.980	6359.612
#3	5060.080	88467.53	7607.927	4190.385	6341.718

Sample Name: Q2729-02 Acquired: 7/31/2025 15:41:28 Type: Unk
Method: 6010-200.7 NEW(v75) 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	.0007132	-.005792	.0274698	.0018925	-.000275	1.761917	.0679867
Stddev	.0006624	.001459	.0009046	.0002996	.000168	.009248	.0007138
%RSD	92.88297	25.18500	3.293032	15.83159	61.08765	.5248859	1.049952

#1	.0004528	-.004492	.0265147	.0022368	-.000094	1.756243	.0680937
#2	.0014663	-.007369	.0275813	.0016911	-.000305	1.756921	.0672254
#3	.0002205	-.005514	.0283136	.0017497	-.000425	1.772589	.0686410

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000549	.0000544	44.13042	.0058031	.0017815	.0428921	7.294433
Stddev	.0000992	.0000625	.06209	.0001052	.0001764	.0001020	.039026
%RSD	180.8272	114.8154	.1406880	1.813377	9.900569	.2378137	.5350147

#1	-.000010	.0000881	44.11691	.0059210	.0015965	.0429597	7.300119
#2	.000005	.0000928	44.19815	.0057696	.0018002	.0429419	7.252876
#3	.000169	-.000018	44.07620	.0057187	.0019478	.0427748	7.330305

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2136625	6.072470	.0055996	.0005801	28.13426	.0033978	.2513382
Stddev	.0005014	.025005	.0002978	.0004203	.18545	.0010453	.0007693
%RSD	.2346620	.4117683	5.318207	72.44652	.6591640	30.76411	.3060815

#1	.2141429	6.044966	.0057152	.0006633	28.11156	.0043767	.2515833
#2	.2137020	6.078616	.0058224	.0001245	27.96121	.0022968	.2519550
#3	.2131425	6.093829	.0052614	.0009526	28.33002	.0035197	.2504762

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.851692	.0281453	.0019865	-.002184	.0823661	6.540871	2.290656
Stddev	.071931	.0007353	.0001883	.000556	.0013830	.053032	.006363
%RSD	1.049826	2.612583	9.477772	25.43890	1.679095	.8107857	.2777761

#1	6.870695	.0281413	.0018540	-.002100	.0828928	6.573348	2.288403
#2	6.772167	.0274119	.0019036	-.002776	.0834084	6.479673	2.285726
#3	6.912213	.0288826	.0022021	-.001675	.0807972	6.569592	2.297839

Sample Name: Q2729-02 Acquired: 7/31/2025 15:41:28 Type: Unk
Method: 6010-200.7 NEW(v75) 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	2.444632	.0062326	.1253810
Stddev	.004393	.0014323	.0003499
%RSD	.1796887	22.98100	.2790355

#1	2.449650	.0077954	.1251523
#2	2.442766	.0059202	.1252069
#3	2.441481	.0049823	.1257837

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5090.622	89420.50	7722.453	4236.463	6376.911
Stddev	6.217	137.99	56.524	12.003	9.424
%RSD	.1221267	.1543115	.7319404	.2833247	.1477764

#1	5096.814	89285.48	7717.529	4222.807	6386.844
#2	5090.672	89414.76	7668.552	4245.340	6368.097
#3	5084.380	89561.27	7781.278	4241.243	6375.791

Sample Name: PB169049BS Acquired: 7/31/2025 15:45:39 Type: Unk
Method: 6010-200.7 NEW(v75) 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	.7722668	2.108526	.9319118	1.963591	.8234336	2.023735
Stddev	.0051500	.047619	.0012085	.007936	.0019825	.011652
%RSD	.6668683	2.258403	.1296809	.4041343	.2407574	.5757771

#1	.7781664	2.155570	.9332261	1.972565	.8222576	2.021424
#2	.7686700	2.109657	.9308484	1.957501	.8257225	2.013411
#3	.7699640	2.060352	.9316610	1.960706	.8223207	2.036369

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2045611	.2093116	.1847996	1.032114	.3978062	.1946159
Stddev	.0003666	.0014763	.0006221	.010149	.0032083	.0005282
%RSD	.1791939	.7053015	.3366250	.9833164	.8064859	.2714222

#1	.2041898	.2108232	.1852280	1.042991	.3941909	.1951674
#2	.2049227	.2092382	.1840860	1.030455	.3989137	.1941145
#3	.2045706	.2078734	.1850847	1.022897	.4003140	.1945658

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3111793	3.005818	.2068381	1.994768	.4919622	.0760956
Stddev	.0003595	.021081	.0008993	.022209	.0011120	.0002609
%RSD	.1155400	.7013505	.4347747	1.113353	.2260331	.3429031

#1	.3109253	2.985210	.2058057	1.997119	.4928099	.0757945
#2	.3110219	3.004901	.2074510	2.015708	.4907032	.0762553
#3	.3115907	3.027342	.2072576	1.971477	.4923737	.0762370

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.871370	.3034133	.2094610	9.772439	.3081016	.4140565
Stddev	.027559	.0014996	.0006848	.059703	.0013883	.0005624
%RSD	.9597876	.4942259	.3269156	.6109336	.4505865	.1358168

#1	2.847056	.3016819	.2102479	9.726919	.3093719	.4146961
#2	2.865748	.3042637	.2091351	9.750362	.3083131	.4136398
#3	2.901307	.3042944	.2090001	9.840037	.3066197	.4138334

Sample Name: PB169049BS Acquired: 7/31/2025 15:45:39 Type: Unk
Method: 6010-200.7 NEW(v75) 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	.6836873	.1987817	.8398758	5.474904	F .0003825	.1890662
Stddev	.0025608	.0011798	.0153293	.028034	.0010836	.0021051
%RSD	.3745641	.5934886	1.825181	.5120439	283.2920	1.113396

#1	.6865557	.1995949	.8409156	5.507151	.0016327	.1894960
#2	.6816310	.1993216	.8240532	5.456338	-.000198	.1867795
#3	.6828751	.1974286	.8546588	5.461221	-.000287	.1909233

Elem	Sr4077
Units	ppm
Avg	.2048017
Stddev	.0003486
%RSD	.1702189

#1	.2051721
#2	.2044799
#3	.2047530

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5198.424	90344.15	7555.294	4302.387	6611.569
Stddev	9.624	674.05	3.439	19.153	20.754
%RSD	.1851418	.7460917	.0455123	.4451747	.3138999

#1	5187.758	90982.70	7556.048	4305.906	6592.053
#2	5206.461	90410.28	7551.541	4319.537	6633.371
#3	5201.052	89639.48	7558.293	4281.718	6609.283

Sample Name: PB169028BS Acquired: 7/31/2025 15:49:40 Type: Unk
Method: 6010-200.7 NEW(v75) 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	.7679502	2.038271	.9292076	1.945591	.8147965	2.014850	.2038270
Stddev	.0056597	.043200	.0009708	.002958	.0047752	.010691	.0004864
%RSD	.7369943	2.119448	.1044740	.1520253	.5860627	.5306026	.2386331

#1	.7743304	2.024686	.9293459	1.943305	.8125765	2.004565	.2042930
#2	.7635344	2.003497	.9301018	1.948932	.8202776	2.025905	.2038655
#3	.7659858	2.086631	.9281751	1.944537	.8115355	2.014080	.2033225

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2103759	.1846674	1.044405	.3965963	.1942126	.3093868	2.972767
Stddev	.0007834	.0004843	.008483	.0009324	.0004162	.0002754	.017404
%RSD	.3723642	.2622651	.8122085	.2351023	.2143155	.0890050	.5854344

#1	.2111784	.1850643	1.040169	.3975235	.1944008	.3093862	2.953434
#2	.2096132	.1841277	1.038875	.3966067	.1945014	.3096625	2.977686
#3	.2103362	.1848102	1.054172	.3956588	.1937355	.3091118	2.987183

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2062296	2.014598	.4899769	.0755132	2.827599	.2999525	.2081926
Stddev	.0010119	.039542	.0004272	.0003788	.015831	.0031248	.0005652
%RSD	.4906557	1.962793	.0871968	.5016594	.5598611	1.041757	.2714569

#1	.2061197	1.970890	.4904675	.0758560	2.824556	.2998260	.2087432
#2	.2072920	2.025016	.4897764	.0755771	2.844730	.3031386	.2082206
#3	.2052772	2.047889	.4896869	.0751065	2.813510	.2968929	.2076140

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.703921	.3092932	.4109441	.6812061	.1967729	.8322903	5.499493
Stddev	.059179	.0016420	.0003817	.0038485	.0007066	.0142229	.018567
%RSD	.6098475	.5309016	.0928909	.5649512	.3590841	1.708892	.3376216

#1	9.636213	.3074995	.4113848	.6841063	.1970690	.8338578	5.515012
#2	9.745769	.3096579	.4107321	.6768401	.1972833	.8173485	5.478923
#3	9.729781	.3107223	.4107155	.6826718	.1959664	.8456646	5.504543

Sample Name: PB169028BS Acquired: 7/31/2025 15:49:40 Type: Unk
Method: 6010-200.7 NEW(v75) 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	F -.002893	.1895896	.2036359
Stddev	.001949	.0020500	.0006861
%RSD	67.36262	1.081259	.3369183

#1	-.004823	.1918121	.2028441
#2	-.002932	.1877729	.2040529
#3	-.000925	.1891839	.2040108

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5183.959	89761.98	7454.452	4309.161	6586.562
Stddev	9.378	87.47	15.021	13.084	16.350
%RSD	.1809073	.0974429	.2015063	.3036224	.2482252

#1	5176.168	89697.27	7444.606	4296.883	6569.225
#2	5181.341	89861.49	7471.742	4322.923	6588.759
#3	5194.368	89727.18	7447.009	4307.676	6601.702

Sample Name: PB169020TB Acquired: 7/31/2025 15:53:41 Type: Unk
Method: 6010-200.7 NEW(v75) 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	-.000859	.0000743	-.000269	.0076441	.0018762	.0150995	-.002080
Stddev	.000285	.0013582	.000899	.0009695	.0021968	.0050782	.000970
%RSD	33.18603	1829.096	333.7214	12.68275	117.0839	33.63181	46.63054

#1	-.000826	.0013620	.000733	.0083528	.0043935	.0196741	-.003089
#2	-.001159	-.001345	-.000536	.0080401	.0008881	.0159891	-.001155
#3	-.000592	.000206	-.001005	.0065392	.0003471	.0096352	-.001995

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000153	-.000041	.1275504	-.000145	-.000189	.0001342	.0115347
Stddev	.000051	.000074	.0060337	.000272	.000090	.0003186	.0044693
%RSD	33.15872	179.5920	4.730465	188.0257	47.49376	237.3799	38.74673

#1	-.000212	-.000123	.1219101	-.000068	-.000246	.0005020	.0063891
#2	-.000130	.000022	.1339126	.000081	-.000234	-.000044	.0137660
#3	-.000119	-.000024	.1268286	-.000447	-.000085	-.000055	.0144491

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0699148	-.025992	.0013399	.0000446	526.1246	-.000714	.0026538
Stddev	.0005140	.017761	.0002370	.0004127	8.2938	.000918	.0003583
%RSD	.7352064	68.33157	17.68559	926.1662	1.576395	128.5948	13.50057

#1	.0696009	-.029345	.0012228	.0001230	533.5352	-.000100	.0029739
#2	.0705080	-.006794	.0011843	-.000402	527.6728	-.000272	.0027209
#3	.0696354	-.041838	.0016127	.000412	517.1657	-.001769	.0022668

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1610162	-.001996	.0005967	-.000264	.0028038	.0050281	.0086823
Stddev	.0173431	.000158	.0001484	.000660	.0014438	.0110082	.0017308
%RSD	10.77105	7.931169	24.87167	249.9680	51.49454	218.9321	19.93464

#1	.1692960	-.002095	.0004715	.000361	.0017721	.0150352	.0101499
#2	.1410849	-.002079	.0005579	-.000955	.0021855	-.006763	.0091233
#3	.1726677	-.001813	.0007606	-.000198	.0044538	.006812	.0067737

Sample Name: PB169020TB Acquired: 7/31/2025 15:53:41 Type: Unk
Method: 6010-200.7 NEW(v75) 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	.2710229	-.004040	.0003988
Stddev	.0017188	.002111	.0001545
%RSD	.6341998	52.24633	38.75487

#1	.2728203	-.006251	.0005551
#2	.2693953	-.002047	.0003951
#3	.2708530	-.003821	.0002461

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4734.089	81015.04	7497.103	3921.085	5640.036
Stddev	12.538	407.29	59.112	31.056	13.325
%RSD	.2648437	.5027283	.7884707	.7920255	.2362582

#1	4722.834	80662.38	7538.351	3897.400	5628.644
#2	4731.832	80921.90	7429.381	3909.609	5636.777
#3	4747.603	81460.82	7523.576	3956.246	5654.689

Sample Name: CCV02 Acquired: 7/31/2025 15:58:08 Type: Unk
Method: 6010-200.7 NEW(v75) 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	4.975477	5.339190	4.853858	5.025092	4.996839	9.833081	10.19294
Stddev	.005928	.060820	.004638	.006925	.008229	.037335	.12898
%RSD	.1191388	1.139131	.0955597	.1378060	.1646854	.3796887	1.265354

#1	4.981857	5.406246	4.848534	5.032985	5.006314	9.854844	10.33978
#2	4.974433	5.323739	4.856009	5.022252	4.991476	9.789970	10.09801
#3	4.970140	5.287586	4.857030	5.020039	4.992729	9.854427	10.14102

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2484987	2.435600	24.96868	.9715688	2.442888	1.240816	4.958304
Stddev	.0022232	.003927	.09664	.0089719	.002443	.002331	.009833
%RSD	.8946344	.1612516	.3870432	.9234498	.0999911	.1878757	.1983115

#1	.2482305	2.431460	24.86321	.9783012	2.440897	1.239710	4.963685
#2	.2464218	2.436067	24.98983	.9613833	2.442154	1.239245	4.946955
#3	.2508438	2.439273	25.05299	.9750217	2.445614	1.243495	4.964272

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.488952	24.48748	2.457393	1.231403	23.70935	2.474220	2.483603
Stddev	.008920	.07377	.003893	.009264	.12618	.011164	.020505
%RSD	.3583756	.3012452	.1584261	.7523349	.5322066	.4512113	.8256144

#1	2.483674	24.52979	2.453431	1.232916	23.84730	2.470962	2.487267
#2	2.483932	24.40230	2.457533	1.221475	23.59977	2.465047	2.461513
#3	2.499251	24.53034	2.461213	1.239817	23.68096	2.486650	2.502028

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.81009	4.958410	5.009867	4.928414	4.874247	4.837090	4.846927
Stddev	.06995	.047803	.006120	.006473	.027524	.042708	.007034
%RSD	.2819308	.9640806	.1221561	.1313347	.5646766	.8829172	.1451290

#1	24.82300	4.956101	5.013291	4.921436	4.882944	4.860947	4.853441
#2	24.73459	4.911803	5.002801	4.929583	4.843425	4.787784	4.847873
#3	24.87269	5.007326	5.013508	4.934222	4.896371	4.862539	4.839468

Sample Name: CCV02 Acquired: 7/31/2025 15:58:08 Type: Unk
Method: 6010-200.7 NEW(v75) 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	4.907824	4.859992	5.082049
Stddev	.008746	.015998	.027806
%RSD	.1782049	.3291719	.5471440

#1	4.912146	4.868238	5.050761
#2	4.913568	4.841554	5.091448
#3	4.897759	4.870185	5.103937

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5015.086	87599.51	7498.794	4206.754	6025.235
Stddev	4.046	452.52	49.642	26.307	7.097
%RSD	.0806708	.5165768	.6620006	.6253457	.1177868

#1	5011.139	87390.46	7515.820	4215.712	6027.566
#2	5014.895	88118.76	7537.684	4227.412	6017.266
#3	5019.224	87289.30	7442.880	4177.138	6030.874

Sample Name: CCB02 Acquired: 7/31/2025 16:02:19 Type: Unk
Method: 6010-200.7 NEW(v75) 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	-.000628	-.001312	-.000011	.0024655	-.001177	.0039192	-.001635
Stddev	.000215	.001576	.000735	.0019405	.001111	.0031542	.000683
%RSD	34.25173	120.1257	6548.117	78.70324	94.39283	80.48008	41.75568

#1	-.000393	-.000267	.000259	.0004051	.000091	.0071016	-.001253
#2	-.000814	-.003124	-.000843	.0027333	-.001978	.0038620	-.002423
#3	-.000677	-.000544	.000550	.0042582	-.001644	.0007940	-.001229

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000091	.0000654	-.021720	-.000932	.0001336	.0002051	-.001394
Stddev	.0000310	.0000035	.012315	.000150	.0000624	.0003154	.004188
%RSD	341.3296	5.424707	56.69583	16.05220	46.71957	153.7833	300.5360

#1	-.000025	.0000615	-.027614	-.000826	.0001650	.0001445	-.005331
#2	.000035	.0000663	-.007567	-.000866	.0000617	.0005465	-.001856
#3	.000018	.0000684	-.029981	-.001103	.0001741	-.000076	.003007

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001322	-.028041	-.000030	.0002437	.1299572	-.001895	-.001304
Stddev	.000088	.031472	.000277	.0003928	.0061702	.001535	.000123
%RSD	6.664432	112.2348	937.1681	161.1609	4.747849	81.01745	9.471812

#1	-.001395	-.064203	-.000204	.0002779	.1349450	-.000129	-.001230
#2	-.001224	-.006847	-.000174	.0006184	.1318692	-.002913	-.001446
#3	-.001347	-.013073	.000290	-.000165	.1230573	-.002643	-.001235

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1699710	.0029388	.0011197	.0000348	.0004058	.0004777	.0020722
Stddev	.0076738	.0003972	.0001467	.0006097	.0015653	.0091220	.0014829
%RSD	4.514786	13.51733	13.09923	1752.349	385.7384	1909.528	71.55941

#1	.1784520	.0033185	.0012013	-.000622	.0021363	.0026104	.0024654
#2	.1635075	.0025260	.0009504	.000583	-.000911	-.009522	.0033189
#3	.1679535	.0029718	.0012075	.000143	-.000007	.008344	.0004324

Sample Name: CCB02 Acquired: 7/31/2025 16:02:19 Type: Unk
Method: 6010-200.7 NEW(v75) 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	-0.000253	.0008916	.0000867
Stddev	.001020	.0051069	.0000210
%RSD	402.8876	572.7973	24.20567

#1	-0.001304	.0061215	.0001017
#2	.000734	.0006357	.0000627
#3	-0.000190	-.004083	.0000956

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5208.914	91062.48	7592.007	4325.922	6843.307
Stddev	5.012	105.68	34.277	11.048	10.286
%RSD	.0962258	.1160535	.4514873	.2553791	.1503024

#1	5204.734	91156.79	7552.782	4315.261	6836.991
#2	5214.471	90948.26	7616.199	4325.186	6855.175
#3	5207.537	91082.39	7607.041	4337.320	6837.753

Sample Name: Q2709-02 Acquired: 7/31/2025 16:07:15 Type: Unk
Method: 6010-200.7 NEW(v72) 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	-.001765	.0012027	-.000386	.0035312	.0011004	.1028206	.3344246
Stddev	.001115	.0008196	.001642	.0014164	.0004643	.0062892	.0010547
%RSD	63.19031	68.14986	425.8541	40.11165	42.19725	6.116704	.3153872

#1	-.002747	.0016680	-.000952	.0043528	.0012722	.1027196	.3347498
#2	-.000552	.0002563	-.001669	.0018956	.0005746	.1091597	.3332456
#3	-.001997	.0016836	.001465	.0043450	.0014543	.0965825	.3352785

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000118	.0003942	31.02042	-.000334	.0013592	.0052181	.0306349
Stddev	.000051	.0000469	.05626	.000154	.0000909	.0002842	.0036589
%RSD	43.32359	11.90073	.1813750	46.18029	6.687888	5.446743	11.94359

#1	-.000166	.0004110	30.96702	-.000215	.0012570	.0050272	.0308163
#2	-.000064	.0003412	31.01506	-.000278	.0013897	.0050824	.0341998
#3	-.000124	.0004304	31.07917	-.000508	.0014309	.0055448	.0268887

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5366888	2.923791	.0035035	.0000304	344.5205	-.000976	.2203695
Stddev	.0011340	.034937	.0002081	.0004396	.9073	.000667	.0005503
%RSD	.2112869	1.194936	5.938906	1445.232	.2633468	68.40285	.2497355

#1	.5360430	2.893627	.0037170	-.000272	343.8819	-.001520	.2208291
#2	.5360252	2.962073	.0034920	-.000172	344.1207	-.000231	.2205197
#3	.5379981	2.915675	.0033014	.000535	345.5591	-.001176	.2197596

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.280425	.0233042	.0009117	-.002264	.0010482	1.379253	.0219613
Stddev	.023161	.0005328	.0000345	.000210	.0009337	.009674	.0005017
%RSD	1.808872	2.286500	3.783391	9.283300	89.07192	.7013757	2.284440

#1	1.304423	.0230460	.0008745	-.002506	.0003805	1.389586	.0220916
#2	1.258203	.0239169	.0009425	-.002141	.0006491	1.370411	.0223850
#3	1.278648	.0229496	.0009181	-.002144	.0021151	1.377763	.0214073

Sample Name: Q2709-02 Acquired: 7/31/2025 16:07:15 Type: Unk
Method: 6010-200.7 NEW(v72) 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	.7727936	-.005201	.1434076
Stddev	.0020106	.001109	.0004524
%RSD	.2601757	21.31902	.3154313

#1	.7723578	-.005410	.1436100
#2	.7710366	-.006190	.1428894
#3	.7749864	-.004002	.1437234

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4844.790	82626.09	7623.187	3994.469	5773.034
Stddev	6.739	160.56	18.339	14.340	1.550
%RSD	.1391060	.1943258	.2405734	.3590028	.0268436

#1	4846.828	82639.76	7641.162	4007.397	5772.377
#2	4837.267	82779.39	7604.504	3979.044	5771.921
#3	4850.276	82459.13	7623.895	3996.964	5774.804

Sample Name: Q2709-02DUP Acquired: 7/31/2025 16:11:38 Type: Unk
Method: 6010-200.7 NEW(v72) 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	-.002141	-.001510	-.000451	.0053593	.0008081	.1153354	.3477285
Stddev	.001189	.000981	.001457	.0016015	.0003236	.0070623	.0004645
%RSD	55.53236	64.96380	322.7969	29.88310	40.04175	6.123253	.1335897

#1	-.002350	-.000500	-.002109	.0071337	.0005686	.1232629	.3472013
#2	-.000861	-.001571	.000126	.0049231	.0006796	.1130272	.3480777
#3	-.003211	-.002459	.000629	.0040210	.0011762	.1097160	.3479065

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000091	.0003853	32.25519	-.000355	.0011158	.0051871	.0281173
Stddev	.000019	.0000642	.04180	.000311	.0000916	.0001849	.0064610
%RSD	21.39250	16.65017	.1295779	87.78371	8.211520	3.564338	22.97876

#1	-.000069	.0004329	32.26803	-.000714	.0010252	.0051068	.0206580
#2	-.000107	.0003123	32.28906	-.000176	.0011137	.0053986	.0317306
#3	-.000096	.0004106	32.20848	-.000173	.0012085	.0050560	.0319634

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5559937	2.996826	.0033229	-.000092	358.5157	.0002314	.2282718
Stddev	.0011111	.015940	.0000961	.000310	7.4768	.0012816	.0008245
%RSD	.1998372	.5319119	2.891210	337.9047	2.085475	553.7652	.3611689

#1	.5562475	2.981073	.0032339	.000046	354.1578	-.000818	.2273415
#2	.5547776	2.996458	.0034247	.000126	367.1489	.001660	.2285619
#3	.5569559	3.012948	.0033101	-.000447	354.2403	-.000148	.2289120

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.346255	.0226538	.0009322	-.002261	.0027063	1.445943	.0237153
Stddev	.036794	.0002928	.0000731	.000339	.0004441	.012611	.0019167
%RSD	2.733057	1.292427	7.839299	15.00876	16.41068	.8721515	8.081922

#1	1.345500	.0223563	.0009805	-.002653	.0032022	1.432936	.0219190
#2	1.309844	.0226635	.0008481	-.002061	.0025713	1.458117	.0257331
#3	1.383421	.0229416	.0009680	-.002070	.0023453	1.446777	.0234939

Sample Name: Q2709-02DUP Acquired: 7/31/2025 16:11:38 Type: Unk
Method: 6010-200.7 NEW(v72) 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	.7696814	.0017563	.1492322
Stddev	.0011081	.0016188	.0002231
%RSD	.1439698	92.16644	.1495222

#1	.7706063	.0036037	.1494246
#2	.7684532	.0005860	.1489876
#3	.7699848	.0010793	.1492845

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4851.539	82997.63	7677.595	3994.913	5791.054
Stddev	27.224	341.12	31.648	19.355	32.901
%RSD	.5611510	.4110002	.4122067	.4844863	.5681432

#1	4821.252	83385.45	7649.831	4016.793	5756.638
#2	4859.388	82744.06	7712.055	3980.027	5794.327
#3	4873.976	82863.38	7670.899	3987.921	5822.196

Sample Name: Q2709-02LX5 Acquired: 7/31/2025 16:16:03 Type: Unk
Method: 6010-200.7 NEW(v72) 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	.0012101	-.002583	-.000613	.0009223	-.000634	.0292118	.0634721
Stddev	.0011975	.000517	.000650	.0020381	.002175	.0105892	.0009852
%RSD	98.95350	20.02146	105.9551	220.9771	343.0113	36.24977	1.552186

#1	.0024779	-.002653	.000027	.0031112	.001580	.0410273	.0635813
#2	.0010543	-.003062	-.001272	.0005766	-.000715	.0205788	.0624369
#3	.0000982	-.002035	-.000595	-.000921	-.002768	.0260294	.0643982

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000095	.0001037	6.143832	-.001172	.0002000	.0010799	.0043926
Stddev	.0000709	.0000115	.055473	.000287	.0001048	.0000486	.0066672
%RSD	746.3863	11.10558	.9029029	24.51943	52.41040	4.499722	151.7838

#1	.0000040	.0001021	6.165930	-.001446	.0002030	.0011237	.0077048
#2	.0000829	.0001159	6.184851	-.001197	.0000937	.0010277	-.003282
#3	-.000058	.0000931	6.080716	-.000873	.0003034	.0010884	.008755

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1041942	.5616867	.0002722	.0003230	61.14337	-.001769	.0406132
Stddev	.0006996	.0098612	.0002231	.0001202	.02358	.004023	.0003686
%RSD	.6714444	1.755640	81.95892	37.21745	.0385694	227.4240	.9075669

#1	.1050015	.5506409	.0002023	.0003282	61.16892	.002872	.0408260
#2	.1038180	.5696045	.0000924	.0004406	61.12245	-.003915	.0408260
#3	.1037632	.5648148	.0005219	.0002003	61.13873	-.004265	.0401876

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7384334	.0034870	.0002716	-.000972	.0017433	.2549115	.0050212
Stddev	.0242592	.0002755	.0002686	.000215	.0016991	.0178613	.0005216
%RSD	3.285222	7.901578	98.88407	22.06946	97.46685	7.006878	10.38816

#1	.7359868	.0031884	.0005549	-.000758	.0031905	.2723750	.0046816
#2	.7638232	.0035414	.0002392	-.001187	.0021670	.2366773	.0047602
#3	.7154903	.0037314	.0000207	-.000973	-.000128	.2556823	.0056218

Sample Name: Q2709-02LX5 Acquired: 7/31/2025 16:16:03 Type: Unk
Method: 6010-200.7 NEW(v72) 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	.1390814	.0107289	.0283275
Stddev	.0025775	.0010798	.0001772
%RSD	1.853257	10.06469	.6256100

#1	.1379494	.0100931	.0284503
#2	.1420312	.0119757	.0284079
#3	.1372636	.0101179	.0281243

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5135.675	89521.87	7731.483	4253.675	6366.643
Stddev	11.897	189.51	26.097	31.735	16.215
%RSD	.2316625	.2116917	.3375413	.7460586	.2546797

#1	5122.182	89529.64	7712.348	4233.283	6348.671
#2	5144.662	89707.38	7720.891	4237.505	6371.084
#3	5140.179	89328.59	7761.211	4290.238	6380.175

Sample Name: Q2709-02MS Acquired: 7/31/2025 16:20:21 Type: Unk
Method: 6010-200.7 NEW(v72) 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	.8177609	1.878964	.9242668	2.061697	.8381581	2.141928	.5875752
Stddev	.0037306	.009698	.0027619	.004350	.0031933	.008261	.0012859
%RSD	.4561930	.5161234	.2988252	.2109736	.3809933	.3856714	.2188466

#1	.8207329	1.890135	.9258997	2.059912	.8416719	2.141608	.5862273
#2	.8135744	1.872696	.9210778	2.058524	.8354331	2.133832	.5877100
#3	.8189753	1.874063	.9258227	2.066656	.8373694	2.150344	.5887884

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1932504	.1945589	36.51110	.4051383	.2037534	.3047740	3.370237
Stddev	.0006844	.0003842	.09355	.0019706	.0008248	.0001960	.014880
%RSD	.3541495	.1974778	.2562124	.4864012	.4048014	.0643271	.4415174

#1	.1925818	.1946093	36.40641	.4052164	.2044929	.3045502	3.364110
#2	.1932199	.1941520	36.58648	.4070687	.2028639	.3049153	3.359398
#3	.1939495	.1949155	36.54042	.4031298	.2039034	.3048567	3.387202

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8185335	5.219793	.5216593	.0779109	396.1596	.3071038	.4915459
Stddev	.0021210	.035028	.0012437	.0003163	4.0999	.0006196	.0005084
%RSD	.2591181	.6710550	.2384065	.4060222	1.034900	.2017519	.1034293

#1	.8161762	5.259966	.5219028	.0779475	399.6523	.3064550	.4921327
#2	.8191370	5.203769	.5203119	.0782073	391.6457	.3076893	.4912372
#3	.8202873	5.195643	.5227633	.0775778	397.1809	.3071670	.4912678

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.17856	.2896025	.4306071	.7057676	.1986611	2.590123	6.062073
Stddev	.01070	.0016648	.0006578	.0010212	.0013927	.015667	.013896
%RSD	.0812138	.5748417	.1527515	.1446969	.7010319	.6048790	.2292348

#1	13.17138	.2876828	.4298532	.7060022	.1999669	2.580082	6.077925
#2	13.19086	.2904748	.4309039	.7046494	.1971953	2.582110	6.051993
#3	13.17343	.2906497	.4310641	.7066510	.1988209	2.608176	6.056300

Sample Name: Q2709-02MS Acquired: 7/31/2025 16:20:21 Type: Unk
Method: 6010-200.7 NEW(v72) 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	.8686008	.1941615	.3672240
Stddev	.0039966	.0012003	.0010181
%RSD	.4601150	.6181825	.2772474

#1	.8720095	.1952189	.3660761
#2	.8642024	.1944086	.3680180
#3	.8695905	.1928569	.3675777

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4817.949	82918.32	7786.034	3969.438	5712.986
Stddev	17.887	159.89	6.042	17.610	14.966
%RSD	.3712551	.1928294	.0775987	.4436378	.2619626

#1	4823.704	82737.37	7779.445	3949.754	5721.359
#2	4797.892	83040.54	7791.314	3983.698	5695.708
#3	4832.249	82977.05	7787.343	3974.864	5721.892

Sample Name: Q2709-02MSD Acquired: 7/31/2025 16:24:29 Type: Unk
Method: 6010-200.7 NEW(v72) 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	.8305259	2.015050	.9291891	2.093679	.8486369	2.121620	.5706462
Stddev	.0058060	.026347	.0045777	.002842	.0025378	.033604	.0025989
%RSD	.6990744	1.307517	.4926521	.1357280	.2990480	1.583898	.4554368

#1	.8322179	1.984629	.9340523	2.090485	.8460765	2.148606	.5726476
#2	.8240619	2.030006	.9285511	2.094623	.8511516	2.132275	.5715821
#3	.8352980	2.030516	.9249639	2.095928	.8486825	2.083980	.5677089

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1949525	.1957391	35.17338	.4054275	.2047457	.3061701	3.349328
Stddev	.0018928	.0007319	.35238	.0022851	.0004486	.0005814	.010292
%RSD	.9708988	.3739182	1.001844	.5636202	.2191011	.1898939	.3072947

#1	.1965033	.1965797	35.48467	.4033329	.2052352	.3058993	3.349190
#2	.1955109	.1953948	35.24467	.4078644	.2046476	.3068376	3.339105
#3	.1928434	.1952428	34.79081	.4050852	.2043542	.3057736	3.359688

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7951465	5.166800	.5137573	.0776984	379.6902	.3048410	.4587563
Stddev	.0034739	.033903	.0017860	.0006465	4.1479	.0019482	.0013341
%RSD	.4368850	.6561782	.3476360	.8320398	1.092446	.6390864	.2908152

#1	.7961893	5.198921	.5156068	.0777767	382.1267	.3070688	.4581334
#2	.7979795	5.170121	.5136227	.0770164	374.9008	.3039977	.4578475
#3	.7912706	5.131359	.5120425	.0783022	382.0430	.3034565	.4602880

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.88728	.2895326	.4372149	.7128940	.1974031	2.489209	6.048579
Stddev	.09146	.0036843	.0006832	.0027137	.0011318	.021377	.005729
%RSD	.7097112	1.272491	.1562612	.3806583	.5733593	.8587757	.0947117

#1	12.82899	.2922019	.4364383	.7158878	.1968089	2.464953	6.052240
#2	12.84016	.2910666	.4374831	.7121985	.1987083	2.497376	6.051520
#3	12.99270	.2853291	.4377233	.7105957	.1966921	2.505299	6.041978

Sample Name: Q2709-02MSD Acquired: 7/31/2025 16:24:29 Type: Unk
Method: 6010-200.7 NEW(v72) 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	.8168191	.1895508	.3588031
Stddev	.0063480	.0031925	.0012437
%RSD	.7771575	1.684231	.3466239

#1	.8128246	.1922688	.3597127
#2	.8134938	.1903486	.3593107
#3	.8241389	.1860351	.3573859

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4839.239	83730.00	7766.232	4008.933	5751.179
Stddev	25.052	284.94	95.256	22.452	24.055
%RSD	.5176882	.3403054	1.226536	.5600371	.4182601

#1	4858.216	83413.89	7681.543	3984.117	5762.670
#2	4810.843	83809.01	7747.796	4027.837	5723.534
#3	4848.660	83967.09	7869.359	4014.846	5767.334

Sample Name: Q2709-02A Acquired: 7/31/2025 16:28:37 Type: Unk
Method: 6010-200.7 NEW(v72) 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	.8329600	1.989237	.9413947	2.097128	.8441044	2.163371	.5466241
Stddev	.0053117	.070296	.0012537	.010025	.0015675	.006239	.0010054
%RSD	.6376950	3.533792	.1331752	.4780136	.1856973	.2884061	.1839346

#1	.8386653	2.067401	.9419912	2.108136	.8452265	2.169957	.5473208
#2	.8281576	1.969112	.9422388	2.088524	.8447732	2.157549	.5454714
#3	.8320571	1.931200	.9399541	2.094723	.8423134	2.162606	.5470800

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1983608	.1978675	32.53095	.4139693	.2068565	.3108621	3.338141
Stddev	.0012559	.0007717	.03900	.0008431	.0007815	.0012833	.032656
%RSD	.6331566	.3900112	.1198990	.2036698	.3777911	.4128033	.9782755

#1	.1998060	.1987559	32.54349	.4136193	.2077484	.3119175	3.301641
#2	.1975331	.1974834	32.48721	.4133576	.2065295	.3094337	3.364589
#3	.1977434	.1973632	32.56213	.4149311	.2062916	.3112352	3.348194

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7516398	4.915737	.5202084	.0778688	341.4724	.3131258	.4409249
Stddev	.0010288	.030842	.0006694	.0006693	2.4528	.0031529	.0006705
%RSD	.1368775	.6274237	.1286758	.8594596	.7183118	1.006921	.1520748

#1	.7505647	4.951351	.5209699	.0770964	339.8747	.3167476	.4408425
#2	.7517396	4.897903	.5197128	.0782345	344.2965	.3116351	.4416328
#3	.7526150	4.897957	.5199426	.0782755	340.2458	.3109946	.4402993

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.86799	.2937372	.4408339	.7207343	.2036637	2.359913	6.082901
Stddev	.10162	.0020245	.0011542	.0026580	.0015779	.018550	.015897
%RSD	.7897382	.6892031	.2618145	.3687887	.7747478	.7860553	.2613448

#1	12.76329	.2960438	.4421649	.7237918	.2053704	2.339274	6.100496
#2	12.87447	.2929124	.4402267	.7194368	.2033624	2.375196	6.078634
#3	12.96623	.2922553	.4401100	.7189742	.2022581	2.365269	6.069571

Sample Name: Q2709-02A Acquired: 7/31/2025 16:28:37 Type: Unk
Method: 6010-200.7 NEW(v72) 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	.7370604	.1973043	.3526076
Stddev	.0064779	.0038107	.0005603
%RSD	.8788824	1.931368	.1589022

#1	.7428097	.1991392	.3522756
#2	.7383297	.1929233	.3522928
#3	.7300418	.1998504	.3532546

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4898.601	84829.99	7752.444	4076.747	5831.781
Stddev	4.202	133.14	27.770	10.534	5.219
%RSD	.0857823	.1569441	.3582119	.2584003	.0894963

#1	4901.080	84979.92	7726.080	4079.804	5834.905
#2	4900.973	84725.62	7749.817	4065.022	5834.683
#3	4893.749	84784.41	7781.434	4085.414	5825.756

Sample Name: Q2703-04 Acquired: 7/31/2025 16:32:45 Type: Unk
Method: 6010-200.7 NEW(v72) 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	.0088685	-.037017	-.001373	.0063713	-.002998	.0652112	.1685803
Stddev	.0012336	.001752	.000991	.0026180	.001612	.0038054	.0000962
%RSD	13.91003	4.732787	72.13729	41.09066	53.77693	5.835493	.0570440

#1	.0081085	-.037624	-.001741	.0088752	-.001329	.0618217	.1684892
#2	.0102919	-.038384	-.002128	.0036525	-.003119	.0644844	.1685710
#3	.0082051	-.035042	-.000251	.0065860	-.004546	.0693277	.1686808

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002779	-.000739	20.72229	-.000195	.0049751	-.001977	55.87671
Stddev	.0000437	.000058	.05865	.000214	.0002253	.000497	.17536
%RSD	15.71418	7.814830	.2830149	109.3674	4.528694	25.12463	.3138278

#1	.0002379	-.000800	20.66676	-.000031	.0049148	-.002342	55.92837
#2	.0002714	-.000686	20.71648	-.000437	.0047861	-.002178	56.02044
#3	.0003245	-.000730	20.78362	-.000118	.0052245	-.001411	55.68133

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.590853	9.993897	.0043188	.0033769	340.5456	.0018328	.1165078
Stddev	.007459	.044919	.0000941	.0000968	5.8145	.0023729	.0002892
%RSD	.1334092	.4494600	2.178906	2.865727	1.707404	129.4685	.2482277

#1	5.582582	9.944565	.0042110	.0033670	337.1228	.0008177	.1167884
#2	5.592908	10.03244	.0043606	.0034783	347.2591	.0001364	.1162107
#3	5.597069	10.00469	.0043848	.0032855	337.2548	.0045445	.1165243

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.374589	.1483694	.0015721	-.002435	.0024723	3.500378	2.008328
Stddev	.008428	.0005222	.0003184	.001115	.0006645	.010758	.005843
%RSD	.1568065	.3519830	20.25218	45.76881	26.87907	.3073305	.2909482

#1	5.365100	.1481491	.0017269	-.001235	.0026583	3.510383	2.010828
#2	5.381204	.1479933	.0012059	-.002632	.0017346	3.501752	2.001650
#3	5.377462	.1489656	.0017836	-.003438	.0030240	3.489000	2.012505

Sample Name: Q2703-04 Acquired: 7/31/2025 16:32:45 Type: Unk
Method: 6010-200.7 NEW(v72) 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	.4959034	.0232311	.1289231
Stddev	.0023077	.0034139	.0005045
%RSD	.4653551	14.69534	.3913349

#1	.4941531	.0192907	.1285501
#2	.4950384	.0253006	.1287219
#3	.4985186	.0251019	.1294971

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4893.302	85223.51	7815.629	4051.450	5852.812
Stddev	20.359	63.63	11.792	23.332	20.597
%RSD	.4160587	.0746615	.1508731	.5758884	.3519236

#1	4886.673	85191.66	7824.242	4024.629	5845.322
#2	4916.150	85182.10	7820.456	4062.662	5876.107
#3	4877.084	85296.78	7802.190	4067.059	5837.008

Sample Name: Q2730-01 Acquired: 7/31/2025 16:37:06 Type: Unk
Method: 6010-200.7 NEW(v72) 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	.0035514	-.013421	.0853282	.0027046	.0033346	5.437964
Stddev	.0012480	.000742	.0010322	.0030360	.0004383	.022530
%RSD	35.14015	5.531087	1.209698	112.2504	13.14525	.4143064

#1	.0043206	-.012844	.0841782	.0010091	.0037474	5.414494
#2	.0042220	-.014258	.0856317	.0062096	.0033817	5.439980
#3	.0021115	-.013160	.0861746	.0008951	.0028746	5.459418

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1473181	.0003181	.0004240	96.46986	.0192801	.0059390
Stddev	.0011949	.0000395	.0000877	.61949	.0000607	.0002044
%RSD	.8110764	12.42190	20.67301	.6421605	.3148522	3.440993

#1	.1479651	.0002732	.0003932	96.53575	.0192239	.0061183
#2	.1459392	.0003477	.0005229	95.82006	.0192718	.0057165
#3	.1480499	.0003333	.0003559	97.05378	.0193445	.0059822

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1036719	20.76275	.4908217	12.81984	.0174947	.0015900
Stddev	.0006521	.05140	.0023359	.06488	.0002886	.0003852
%RSD	.6289887	.2475685	.4759111	.5060626	1.649553	24.22784

#1	.1029667	20.79928	.4899736	12.80774	.0171615	.0011710
#2	.1042531	20.70397	.4890284	12.88991	.0176645	.0019288
#3	.1037960	20.78500	.4934632	12.76187	.0176582	.0016702

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	42.43802	.0137172	.6959094	16.58300	.0656539	.0054133
Stddev	.11408	.0018647	.0017375	.03277	.0008348	.0000912
%RSD	.2688253	13.59386	.2496670	.1976301	1.271485	1.684093

#1	42.53740	.0156532	.6961383	16.60897	.0666043	.0054557
#2	42.46322	.0135654	.6940688	16.54618	.0653184	.0053087
#3	42.31345	.0119331	.6975210	16.59385	.0650391	.0054757

Sample Name: Q2730-01 Acquired: 7/31/2025 16:37:06 Type: Unk
Method: 6010-200.7 NEW(v72) 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	-.000580	.2599488	F 15.79265	4.254145	3.930170	.0262906
Stddev	.000436	.0013993	.05806	.018693	.020568	.0035222
%RSD	75.27836	.5382815	.3676544	.4394075	.5233369	13.39704

#1	-.000988	.2614641	15.78820	4.232715	3.908597	.0233280
#2	-.000631	.2587056	15.85280	4.262629	3.932354	.0253588
#3	-.000120	.2596766	15.73693	4.267091	3.949559	.0301849

Elem	Sr4077
Units	ppm
Avg	.2579869
Stddev	.0006722
%RSD	.2605721

#1	.2581248
#2	.2572564
#3	.2585795

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5093.501	89472.01	7908.471	4237.296	6211.693
Stddev	15.227	153.57	25.123	7.614	23.684
%RSD	.2989538	.1716367	.3176777	.1796900	.3812861

#1	5111.084	89304.34	7905.713	4234.717	6238.713
#2	5084.653	89605.82	7934.859	4245.865	6201.836
#3	5084.767	89505.87	7884.840	4231.307	6194.528

Sample Name: Q2730-02 Acquired: 7/31/2025 16:41:14 Type: Unk
Method: 6010-200.7 NEW(v72) 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	.0026546	-.012100	.0792117	.0026589	.0029773	5.055559
Stddev	.0012995	.002677	.0012422	.0024041	.0014481	.023773
%RSD	48.95171	22.12204	1.568207	90.42055	48.63939	.4702442

#1	.0016923	-.009825	.0786451	.0046152	.0045035	5.030208
#2	.0021387	-.015049	.0806361	-.000025	.0028060	5.077353
#3	.0041329	-.011425	.0783538	.003386	.0016224	5.059117

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1443268	.0003475	.0005407	94.60227	.0176958	.0054538
Stddev	.0010448	.0001127	.0000470	.67017	.0001977	.0000940
%RSD	.7238800	32.42983	8.691572	.7084061	1.116952	1.723408

#1	.1437730	.0004008	.0005223	94.05132	.0179060	.0055611
#2	.1455318	.0002180	.0005057	95.34835	.0175138	.0054145
#3	.1436755	.0004236	.0005941	94.40714	.0176676	.0053859

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0886311	20.22787	.4997993	12.44458	.0159828	.0012636
Stddev	.0002881	.18418	.0017034	.16008	.0001497	.0002744
%RSD	.3250082	.9105354	.3408076	1.286320	.9363610	21.71767

#1	.0888766	20.37345	.4981298	12.26384	.0158214	.0012938
#2	.0887027	20.02081	.5015346	12.50140	.0160100	.0015218
#3	.0883140	20.28935	.4997336	12.56849	.0161169	.0009754

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	42.09574	.0143512	.6944412	16.42026	.0642909	.0050459
Stddev	.37940	.0021791	.0024258	.13150	.0010949	.0000157
%RSD	.9012885	15.18397	.3493142	.8008182	1.703011	.3105165

#1	42.35076	.0151431	.6931328	16.48895	.0650856	.0050600
#2	41.65973	.0160237	.6929505	16.26864	.0630421	.0050488
#3	42.27674	.0118869	.6972403	16.50317	.0647452	.0050290

Sample Name: Q2730-02 Acquired: 7/31/2025 16:41:14 Type: Unk
Method: 6010-200.7 NEW(v72) 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	-.000674	.2354285	F 15.06390	4.118810	4.160688	.0272202
Stddev	.000156	.0032344	.15292	.015594	.014064	.0016231
%RSD	23.15678	1.373850	1.015143	.3786123	.3380205	5.962712

#1	-.000788	.2320582	15.15593	4.136108	4.153424	.0270831
#2	-.000496	.2385073	14.88737	4.105829	4.176898	.0256700
#3	-.000736	.2357201	15.14839	4.114494	4.151740	.0289075

Elem	Sr4077
Units	ppm
Avg	.2530125
Stddev	.0008869
%RSD	.3505294

#1	.2523925
#2	.2540284
#3	.2526167

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5097.341	88872.41	7959.593	4195.033	6254.985
Stddev	12.845	333.23	87.442	5.992	10.674
%RSD	.2519890	.3749582	1.098571	.1428456	.1706427

#1	5104.427	88875.28	8044.029	4188.117	6258.545
#2	5105.082	89204.20	7869.427	4198.689	6263.424
#3	5082.514	88537.75	7965.325	4198.292	6242.987

Sample Name: Q2724-01 Acquired: 7/31/2025 16:45:23 Type: Unk
Method: 6010-200.7 NEW(v72) 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	-.002260	-.004597	-.003463	.0066225	.0020846	.2025450
Stddev	.000731	.000238	.001069	.0024730	.0015284	.0047678
%RSD	32.33792	5.171433	30.87145	37.34182	73.32180	2.353920

#1	-.003066	-.004870	-.002263	.0094654	.0015532	.1987115
#2	-.001642	-.004437	-.004312	.0049688	.0038078	.2010400
#3	-.002071	-.004485	-.003815	.0054333	.0008927	.2078837

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0506020	-.000115	-.000290	172.2854	.0267113	.0426430
Stddev	.0009203	.000026	.000083	.2620	.0004797	.0002415
%RSD	1.818631	22.99941	28.57603	.1520790	1.795981	.5663534

#1	.0497973	-.000084	-.000199	172.0537	.0262114	.0423642
#2	.0504034	-.000131	-.000360	172.2328	.0267547	.0427851
#3	.0516054	-.000129	-.000312	172.5698	.0271679	.0427798

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5596754	.0289807	.0034479	58.41815	.3170539	.0001599
Stddev	.0007796	.0070599	.0004444	.17725	.0010591	.0002970
%RSD	.1392988	24.36064	12.88851	.3034148	.3340535	185.7084

#1	.5588028	.0370178	.0039522	58.29634	.3162135	.0001493
#2	.5603034	.0261434	.0031137	58.33661	.3167047	-.000132
#3	.5599199	.0237809	.0032777	58.62149	.3182435	.000462

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	418.2511	.0048128	.0530829	3.959991	.0580540	.0703881
Stddev	2.4055	.0018292	.0005232	.016476	.0004010	.0001201
%RSD	.5751290	38.00670	.9855414	.4160712	.6907631	.1706563

#1	418.7480	.0028050	.0531035	3.976545	.0578004	.0704716
#2	420.3693	.0063846	.0535955	3.959833	.0578453	.0702505
#3	415.6359	.0052487	.0525498	3.943594	.0585164	.0704422

Sample Name: Q2724-01 Acquired: 7/31/2025 16:45:23 Type: Unk
Method: 6010-200.7 NEW(v72) 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	-.004431	.0010911	F 17.05633	.1270650	F 32.95593	.0142674
Stddev	.000753	.0018503	.09542	.0015453	.10150	.0045140
%RSD	16.98856	169.5858	.5594461	1.216165	.3079792	31.63822

#1	-.003981	.0030596	17.04101	.1253360	32.89190	.0091643
#2	-.005300	-.000613	17.15849	.1275474	33.07295	.0158998
#3	-.004011	.000826	16.96950	.1283115	32.90293	.0177381

Elem	Sr4077
Units	ppm
Avg	.4969227
Stddev	.0001741
%RSD	.0350396

#1	.4968066
#2	.4968386
#3	.4971229

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4652.744	80461.84	7385.197	3887.425	5473.260
Stddev	6.985	266.16	18.133	22.283	13.541
%RSD	.1501284	.3307893	.2455276	.5731985	.2474062

#1	4652.271	80541.09	7401.571	3892.060	5478.142
#2	4659.954	80165.05	7388.312	3863.189	5483.683
#3	4646.008	80679.37	7365.709	3907.025	5457.955

Sample Name: CCV03 Acquired: 7/31/2025 16:49:43 Type: Unk
Method: 6010-200.7 NEW(v72) 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	4.958718	5.474620	4.831739	5.003958	4.982806	9.876401	10.02449
Stddev	.014447	.095580	.013399	.011634	.004656	.035286	.10254
%RSD	.2913502	1.745883	.2773097	.2324935	.0934368	.3572724	1.022931

#1	4.961807	5.505197	4.831743	5.006536	4.982078	9.866459	9.91234
#2	4.971371	5.551170	4.818339	5.014086	4.987782	9.915591	10.04764
#3	4.942976	5.367492	4.845137	4.991251	4.978557	9.847153	10.11347

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2502705	2.416330	25.03079	.9688247	2.426773	1.230711	4.970163
Stddev	.0002529	.004203	.09155	.0011364	.003786	.000496	.003912
%RSD	.1010558	.1739505	.3657650	.1173007	.1560001	.0402955	.0787008

#1	.2499821	2.415144	24.92682	.9685789	2.426752	1.230918	4.970111
#2	.2503750	2.412847	25.06622	.9700639	2.422997	1.230145	4.974100
#3	.2504543	2.420999	25.09934	.9678313	2.430569	1.231070	4.966278

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.494439	24.56491	2.441889	1.239161	23.06064	2.468039	2.493485
Stddev	.004093	.12863	.005583	.000692	.06124	.011972	.006125
%RSD	.1641023	.5236160	.2286547	.0558381	.2655663	.4850731	.2456406

#1	2.491991	24.57596	2.438095	1.239945	23.05631	2.471244	2.499864
#2	2.499165	24.68765	2.439272	1.238636	23.12393	2.478081	2.492941
#3	2.492162	24.43111	2.448300	1.238901	23.00168	2.454791	2.487650

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.30059	4.998043	4.997644	4.912651	4.890336	4.853610	4.878528
Stddev	.04982	.004599	.003038	.005285	.024818	.029953	.007509
%RSD	.1969274	.0920248	.0607974	.1075699	.5074839	.6171241	.1539202

#1	25.28909	4.998197	5.001024	4.911099	4.908352	4.837067	4.874534
#2	25.35516	4.993368	4.996771	4.908317	4.900628	4.888186	4.873861
#3	25.25752	5.002563	4.995138	4.918538	4.862028	4.835577	4.887191

Sample Name: CCV03 Acquired: 7/31/2025 16:49:43 Type: Unk
Method: 6010-200.7 NEW(v72) 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	4.913221	4.896450	5.088927
Stddev	.010995	.020472	.046071
%RSD	.2237874	.4181083	.9053242

#1	4.924143	4.896920	5.071509
#2	4.913365	4.916683	5.054103
#3	4.902155	4.875747	5.141167

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5038.719	87540.84	7489.523	4183.075	6055.712
Stddev	12.100	204.37	19.498	10.308	11.120
%RSD	.2401379	.2334552	.2603350	.2464116	.1836264

#1	5026.415	87775.01	7511.593	4172.651	6043.129
#2	5039.138	87449.06	7482.339	4183.311	6064.218
#3	5050.604	87398.45	7474.636	4193.263	6059.788

Sample Name: CCB03 Acquired: 7/31/2025 16:53:54 Type: Unk
Method: 6010-200.7 NEW(v72) 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	.0006108	-.000646	-.000947	.0007621	-.000560	.0015014	-.001968
Stddev	.0009471	.000456	.001253	.0016789	.002329	.0055413	.000910
%RSD	155.0736	70.61753	132.3043	220.3120	415.9291	369.0674	46.23606

#1	-.000459	-.000328	-.002232	.0019574	-.001107	-.002196	-.001038
#2	.000950	-.000442	.000271	.0014861	-.002568	.007873	-.002856
#3	.001341	-.001169	-.000879	-.001157	.001994	-.001172	-.002008

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000194	.0000471	-.019683	-.000862	.0001123	-.000152	-.004927
Stddev	.0000631	.0000705	.002325	.000142	.0001513	.000371	.003233
%RSD	324.7734	149.7265	11.81371	16.46273	134.6411	244.1741	65.61416

#1	.0000256	.0001236	-.020075	-.001021	-.000043	.000009	-.005679
#2	-.000046	.0000328	-.021788	-.000815	.000121	.000112	-.007718
#3	.000079	-.000015	-.017187	-.000749	.000259	-.000577	-.001385

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001723	-.022397	-.000204	.0006077	.6947403	-.002086	-.001217
Stddev	.000281	.011628	.000109	.0003736	.0033112	.001256	.000213
%RSD	16.29381	51.91635	53.44887	61.46809	.4766075	60.20112	17.47989

#1	-.002047	-.034334	-.000109	.0008392	.6911809	-.002294	-.001437
#2	-.001570	-.021752	-.000323	.0008072	.6977291	-.003225	-.001013
#3	-.001551	-.011105	-.000179	.0001768	.6953110	-.000739	-.001201

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7080634	.0024257	.0009938	-.000381	.0010958	-.015208	.0012763
Stddev	.0163452	.0006036	.0001461	.000596	.0011221	.014550	.0014102
%RSD	2.308440	24.88220	14.69942	156.5169	102.4050	95.67297	110.4879

#1	.7234669	.0021924	.0011580	-.000307	.0011101	-.004336	-.000248
#2	.7098070	.0031111	.0008783	.000175	-.000033	-.009551	.001541
#3	.6909163	.0019736	.0009451	-.001010	.002211	-.031737	.002535

Sample Name: CCB03 Acquired: 7/31/2025 16:53:54 Type: Unk
Method: 6010-200.7 NEW(v72) 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	.0001283	.0086313	-.000001
Stddev	.0001832	.0034235	.000070
%RSD	142.7494	39.66415	5826.997

#1	.0003348	.0114044	.000033
#2	-.000014	.0096846	.000046
#3	.000064	.0048049	-.000082

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5196.542	90038.97	7636.333	4291.613	6828.732
Stddev	13.373	255.43	46.020	16.740	21.375
%RSD	.2573474	.2836852	.6026453	.3900624	.3130090

#1	5205.683	90333.68	7586.898	4310.885	6843.387
#2	5202.750	89901.75	7644.170	4283.262	6838.603
#3	5181.193	89881.48	7677.931	4280.691	6804.206

Sample Name: Q2724-01DUP Acquired: 7/31/2025 16:59:25 Type: Unk
Method: 6010-200.7 NEW(v72) 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	-.000433	-.006374	-.003263	.0062507	.0012607	.2031190
Stddev	.001321	.002005	.000821	.0036535	.0021426	.0097719
%RSD	305.3514	31.45489	25.17298	58.44864	169.9523	4.810897

#1	-.001736	-.004390	-.004094	.0032380	.0003899	.1918355
#2	.000906	-.008399	-.003242	.0103145	-.000309	.2087635
#3	-.000468	-.006332	-.002452	.0051997	.003702	.2087581

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0517442	-.000137	-.000255	172.7786	.0267307	.0426807
Stddev	.0001825	.000028	.000064	.9106	.0001197	.0001903
%RSD	.3527128	20.39818	25.05968	.5270272	.4477337	.4458681

#1	.0515615	-.000164	-.000301	171.8482	.0267816	.0424611
#2	.0519266	-.000137	-.000182	173.6680	.0265940	.0427984
#3	.0517446	-.000108	-.000282	172.8195	.0268165	.0427825

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5609138	.0409003	.0007342	58.33027	.3179578	.0000478
Stddev	.0010683	.0056096	.0002733	.15762	.0006044	.0002236
%RSD	.1904518	13.71526	37.21742	.2702133	.1900854	467.9523

#1	.5621424	.0379190	.0004609	58.31917	.3183105	.0002824
#2	.5602044	.0374109	.0010074	58.49315	.3172599	-.000163
#3	.5603945	.0473711	.0007344	58.17850	.3183029	.000024

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	428.8486	.0036761	.0532155	3.901901	.0614351	.0706018
Stddev	3.1605	.0006228	.0001163	.007673	.0003509	.0000371
%RSD	.7369811	16.94310	.2185952	.1966377	.5711015	.0525348

#1	431.1205	.0043210	.0530812	3.905183	.0610950	.0706432
#2	430.1859	.0036292	.0532794	3.893133	.0614145	.0705716
#3	425.2392	.0030780	.0532859	3.907387	.0617958	.0705905

Sample Name: Q2724-01DUP Acquired: 7/31/2025 16:59:25 Type: Unk
Method: 6010-200.7 NEW(v72) 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	-.003520	.0013117	F 17.38318	.1299699	F 33.22518	.0098639
Stddev	.000840	.0018379	.09586	.0041133	.22265	.0032300
%RSD	23.86815	140.1116	.5514563	3.164779	.6701284	32.74520

#1	-.002626	.0016132	17.47256	.1331452	33.33181	.0069880
#2	-.003642	.0029802	17.28194	.1253233	32.96926	.0133584
#3	-.004293	-.000658	17.39504	.1314411	33.37445	.0092454

Elem	Sr4077
Units	ppm
Avg	.4994755
Stddev	.0006848
%RSD	.1371038

#1	.4986864
#2	.4999140
#3	.4998262

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4613.799	79148.71	7356.081	3804.409	5423.774
Stddev	12.009	92.83	39.468	13.930	11.432
%RSD	.2602855	.1172836	.5365367	.3661667	.2107680

#1	4623.330	79041.60	7400.276	3794.692	5432.547
#2	4600.310	79205.96	7324.348	3798.166	5410.846
#3	4617.756	79198.56	7343.618	3820.369	5427.929

Sample Name: Q2724-01LX5 Acquired: 7/31/2025 17:03:44 Type: Unk
Method: 6010-200.7 NEW(v72) 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	-.000547	-.001536	-.001421	.0024916	.0006442	.0462307	.0085822
Stddev	.001465	.000544	.000171	.0033277	.0014774	.0055500	.0008796
%RSD	267.7832	35.37934	12.01465	133.5592	229.3254	12.00493	10.24968

#1	.000388	-.001449	-.001408	.0061039	-.000776	.0512811	.0079941
#2	-.002236	-.002118	-.001257	-.000449	.000536	.0402891	.0095934
#3	.000206	-.001042	-.001598	.001820	.002173	.0471217	.0081590

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000103	-.000094	36.26878	.0046407	.0087590	.1204928	.0015731
Stddev	.0000443	.000108	.10747	.0002524	.0003890	.0004290	.0069031
%RSD	430.3289	114.1071	.2963142	5.439819	4.441429	.3560127	438.8248

#1	.0000573	-.000031	36.23449	.0047748	.0091988	.1208233	-.004774
#2	-.000031	-.000219	36.38920	.0043495	.0084599	.1206470	.000571
#3	.000004	-.000033	36.18263	.0047978	.0086183	.1200080	.008922

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000234	12.28120	.0658471	.0004141	79.41318	-.000173	.0098041
Stddev	.000242	.04633	.0002103	.0000223	.20872	.000875	.0000756
%RSD	103.4086	.3772777	.3193443	5.393890	.2628316	504.4534	.7706580

#1	-.000021	12.32386	.0660616	.0003932	79.61924	.000837	.0098215
#2	-.000184	12.28783	.0656414	.0004115	79.20189	-.000682	.0097214
#3	-.000497	12.23190	.0658383	.0004376	79.41840	-.000675	.0098694

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.506435	.0122305	.0145152	-.002222	-.000228	3.412908	.0276978
Stddev	.045113	.0002615	.0002374	.000316	.001628	.011284	.0014829
%RSD	2.994705	2.138390	1.635724	14.19852	714.3601	.3306199	5.353859

#1	1.511179	.0120143	.0142429	-.002567	-.001622	3.423387	.0259947
#2	1.548989	.0121560	.0146785	-.001949	-.000623	3.400962	.0283965
#3	1.459137	.0125212	.0146243	-.002150	.001561	3.414375	.0287023

Sample Name: Q2724-01LX5 Acquired: 7/31/2025 17:03:44 Type: Unk
Method: 6010-200.7 NEW(v72) 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	6.645334	.0157598	.1038244
Stddev	.016931	.0021583	.0001886
%RSD	.2547842	13.69480	.1816530

#1	6.636380	.0154903	.1039498
#2	6.634760	.0137490	.1039159
#3	6.664862	.0180402	.1036075

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4976.155	85840.89	7591.971	4128.253	6091.885
Stddev	10.646	289.22	39.950	15.553	6.305
%RSD	.2139400	.3369201	.5262084	.3767366	.1035064

#1	4987.770	85600.55	7589.098	4121.046	6097.373
#2	4966.862	85760.24	7553.535	4117.612	6084.997
#3	4973.833	86161.87	7633.279	4146.102	6093.284

Sample Name: Q2724-01MS Acquired: 7/31/2025 17:07:58 Type: Unk
Method: 6010-200.7 NEW(v72) 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	.7726234	1.825694	.8591118	1.907579	.7928428	2.105254
Stddev	.0027405	.026185	.0026171	.003342	.0029011	.014524
%RSD	.3546957	1.434230	.3046306	.1751770	.3659140	.6899011

#1	.7741432	1.811971	.8572026	1.909614	.7895088	2.118315
#2	.7742673	1.855888	.8580376	1.909401	.7942275	2.107834
#3	.7694598	1.809224	.8620951	1.903723	.7947921	2.089612

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2497029	.1836797	.1814287	188.0059	.4028879	.2350524
Stddev	.0015240	.0018218	.0005674	.6799	.0030370	.0009238
%RSD	.6103048	.9918267	.3127419	.3616136	.7538151	.3930250

#1	.2482593	.1831307	.1811191	187.3116	.4046598	.2344786
#2	.2512962	.1857129	.1810834	188.6703	.4046228	.2345606
#3	.2495531	.1821956	.1820835	188.0358	.3993811	.2361181

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8798598	3.069916	.1896456	65.32238	.8133951	.0730786
Stddev	.0012890	.000699	.0009780	.31486	.0014414	.0007852
%RSD	.1464963	.0227530	.5156898	.4820116	.1772076	1.074441

#1	.8783716	3.069128	.1896101	65.13931	.8117558	.0738288
#2	.8805883	3.070164	.1906409	65.68595	.8139652	.0731444
#3	.8806196	3.070457	.1886859	65.14189	.8144643	.0722625

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	462.4033	.2936239	.2622186	15.24740	.3157182	.4797832
Stddev	6.9299	.0012325	.0029481	.06521	.0023699	.0014875
%RSD	1.498677	.4197459	1.124306	.4277104	.7506477	.3100246

#1	456.9479	.2938553	.2623100	15.32225	.3149695	.4785483
#2	470.2008	.2922922	.2651200	15.20285	.3183720	.4793669
#3	460.0613	.2947244	.2592259	15.21710	.3138130	.4814344

Sample Name: Q2724-01MS Acquired: 7/31/2025 17:07:58 Type: Unk
Method: 6010-200.7 NEW(v72) 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	.6636502	.1869398	F 19.72849	6.005660	F 35.69802	.1983442
Stddev	.0023632	.0035441	.08064	.025437	.06848	.0024750
%RSD	.3560895	1.895860	.4087332	.4235443	.1918371	1.247842

#1	.6615981	.1833299	19.81890	5.982603	35.63748	.1957350
#2	.6631187	.1904142	19.66400	6.001431	35.68423	.1986390
#3	.6662339	.1870752	19.70258	6.032946	35.77235	.2006586

Elem	Sr4077
Units	ppm
Avg	.7416590
Stddev	.0006849
%RSD	.0923436

#1	.7409270
#2	.7422843
#3	.7417656

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4626.585	80376.85	7405.689	3850.899	5422.928
Stddev	1.451	316.35	42.854	29.859	9.059
%RSD	.0313667	.3935804	.5786590	.7753894	.1670412

#1	4627.262	80121.12	7432.850	3846.812	5428.608
#2	4624.920	80278.82	7356.287	3823.293	5427.694
#3	4627.575	80730.61	7427.929	3882.591	5412.482

Sample Name: Q2724-01MSD Acquired: 7/31/2025 17:12:04 Type: Unk
Method: 6010-200.7 NEW(v72) 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	.7231651	1.697571	.7988489	1.798667	.7463627	1.984712
Stddev	.0050960	.028682	.0017992	.002654	.0024107	.024633
%RSD	.7046725	1.689572	.2252203	.1475284	.3229881	1.241133

#1	.7172999	1.668458	.7971242	1.795786	.7453150	1.970216
#2	.7256876	1.725801	.7987081	1.801011	.7446531	1.970766
#3	.7265078	1.698455	.8007143	1.799206	.7491199	2.013154

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2338319	.1701543	.1686680	184.3199	.3770168	.2212713
Stddev	.0012669	.0003996	.0003194	.9806	.0011488	.0003634
%RSD	.5417912	.2348346	.1893717	.5319867	.3047101	.1642212

#1	.2323963	.1705256	.1683299	183.2226	.3757474	.2208978
#2	.2343062	.1697314	.1687093	184.6268	.3779851	.2216236
#3	.2347932	.1702060	.1689647	185.1104	.3773177	.2212927

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8530506	2.880869	.1767290	64.30254	.7741608	.0697697
Stddev	.0016755	.021323	.0006532	.34526	.0013749	.0005614
%RSD	.1964097	.7401610	.3696212	.5369263	.1775972	.8046242

#1	.8511641	2.861821	.1762260	64.04693	.7725783	.0693930
#2	.8536225	2.876882	.1764937	64.16540	.7748420	.0695011
#3	.8543654	2.903904	.1774673	64.69530	.7750620	.0704149

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	457.1645	.2691531	.2500186	14.64413	.2954773	.4529767
Stddev	.8453	.0035141	.0006174	.10784	.0008706	.0007246
%RSD	.1849053	1.305616	.2469542	.7364067	.2946278	.1599640

#1	458.1340	.2651365	.2502414	14.58783	.2954760	.4521418
#2	456.5817	.2716605	.2493207	14.57610	.2946073	.4533468
#3	456.7778	.2706624	.2504937	14.76847	.2963484	.4534415

Sample Name: Q2724-01MSD Acquired: 7/31/2025 17:12:04 Type: Unk
Method: 6010-200.7 NEW(v72) 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	.6198146	.1736998	F 19.67370	5.617022	F 35.49818	.1866376
Stddev	.0013084	.0022537	.14394	.015499	.12050	.0020361
%RSD	.2111017	1.297489	.7316375	.2759268	.3394461	1.090911
#1	.6183560	.1723436	19.55883	5.606480	35.39700	.1848937
#2	.6202030	.1724544	19.62711	5.609768	35.63148	.1888750
#3	.6208849	.1763014	19.83517	5.634817	35.46605	.1861440

Elem	Sr4077
Units	ppm
Avg	.7146415
Stddev	.0041113
%RSD	.5753019
#1	.7109285
#2	.7139359
#3	.7190599

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4637.722	80180.30	7512.018	3839.786	5438.404
Stddev	2.830	103.46	12.876	13.423	1.531
%RSD	.0610191	.1290322	.1714077	.3495725	.0281431
#1	4637.171	80070.60	7497.330	3825.338	5437.042
#2	4640.787	80276.12	7521.357	3851.869	5440.060
#3	4635.208	80194.18	7517.368	3842.153	5438.110

Sample Name: Q2724-01A Acquired: 7/31/2025 17:16:11 Type: Unk
Method: 6010-200.7 NEW(v72) 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	1.072839	2.439839	1.191889	2.636656	.7432472	2.021906
Stddev	.026865	.114563	.029886	.076398	.1052262	.264271
%RSD	2.504133	4.695525	2.507440	2.897527	14.15764	13.07039

#1	1.042999	2.309104	1.157827	2.551486	.6363636	1.744518
#2	1.080413	2.522700	1.204128	2.659339	.7466443	2.050459
#3	1.095104	2.487714	1.213713	2.699144	.8467338	2.270741

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2336020	.2270266	.2510943	170.5657	.4939821	.3033931
Stddev	.0262652	.0105723	.0059813	.9622	.0226439	.0055764
%RSD	11.24355	4.656849	2.382079	.5641013	4.583944	1.838019

#1	.2066728	.2161458	.2443231	169.4768	.4701627	.2970886
#2	.2349845	.2276733	.2533010	171.3009	.4965526	.3054111
#3	.2591485	.2372607	.2556586	170.9195	.5152310	.3076795

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9270520	3.002135	.1830115	59.06205	.9599712	.0921743
Stddev	.0072269	.407095	.0252251	.23981	.0144335	.0041207
%RSD	.7795618	13.56020	13.78332	.4060390	1.503533	4.470524

#1	.9188059	2.577897	.1567171	58.81716	.9434488	.0878063
#2	.9300661	3.038915	.1853072	59.07254	.9663392	.0927242
#3	.9322840	3.389592	.2070103	59.29644	.9701255	.0959925

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	420.7809	.2814601	.3071839	13.97227	.3603654	.4458118
Stddev	7.2577	.0367830	.0118751	1.23214	.0146636	.0539513
%RSD	1.724813	13.06864	3.865803	8.818466	4.069102	12.10180

#1	419.6389	.2428008	.2949467	12.75563	.3449491	.3901755
#2	414.1619	.2855554	.3079448	13.94185	.3620093	.4493566
#3	428.5419	.3160240	.3186603	15.21935	.3741378	.4979033

Sample Name: Q2724-01A Acquired: 7/31/2025 17:16:11 Type: Unk
Method: 6010-200.7 NEW(v72) 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	.6282433	.0716391	F 17.60256	8.188907	F 32.46617	.1857526
Stddev	.0918883	.0145468	.03393	.202948	.10775	.0247722
%RSD	14.62622	20.30570	.1927616	2.478331	.3318780	13.33615

#1	.5326884	.0577116	17.62524	7.956855	32.40600	.1604072
#2	.6360782	.0704710	17.56355	8.276619	32.59057	.1869420
#3	.7159632	.0867349	17.61889	8.333248	32.40196	.2099088

Elem	Sr4077
Units	ppm
Avg	.6780634
Stddev	.0261381
%RSD	3.854824

#1	.6510645
#2	.6798795
#3	.7032461

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4661.752	79769.52	7436.210	3830.728	5462.799
Stddev	7.768	33.67	12.191	6.150	6.506
%RSD	.1666382	.0422037	.1639416	.1605434	.1190936

#1	4653.060	79730.66	7450.082	3831.900	5455.838
#2	4664.179	79788.03	7431.350	3824.076	5463.834
#3	4668.017	79789.87	7427.199	3836.208	5468.726

Sample Name: CCV04 Acquired: 7/31/2025 17:20:19 Type: Unk
Method: 6010-200.7 NEW(v72) 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	4.993380	5.154676	4.873560	5.023324	5.042440	9.792489	10.01438
Stddev	.042108	.041523	.043721	.032285	.031767	.034524	.06912
%RSD	.8432757	.8055416	.8970992	.6426986	.6299895	.3525581	.6902300

#1	4.944987	5.185448	4.823700	4.986483	5.006862	9.789304	9.97991
#2	5.021659	5.171132	4.891635	5.046681	5.067959	9.759668	9.96927
#3	5.013493	5.107447	4.905346	5.036807	5.052500	9.828495	10.09396

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2446168	2.439901	24.69216	.9643916	2.454319	1.247440	5.014314
Stddev	.0038195	.020458	.22047	.0029802	.020288	.010948	.042705
%RSD	1.561431	.8384673	.8928845	.3090202	.8266314	.8776083	.8516582

#1	.2442799	2.416383	24.73901	.9628336	2.430976	1.235299	5.027431
#2	.2409768	2.449747	24.45202	.9678279	2.464274	1.250462	5.048921
#3	.2485936	2.453575	24.88544	.9625134	2.467707	1.256559	4.966589

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.479197	24.19643	2.470046	1.231541	22.92630	2.462354	2.484424
Stddev	.013152	.22117	.020318	.002248	.30117	.004883	.006326
%RSD	.5304986	.9140758	.8225651	.1825106	1.313653	.1983002	.2546365

#1	2.477929	24.32165	2.446615	1.229066	22.85427	2.466565	2.483175
#2	2.466725	23.94106	2.480737	1.233456	23.25696	2.457002	2.491281
#3	2.492938	24.32659	2.482786	1.232102	22.66768	2.463495	2.478815

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.34709	4.879713	5.045463	4.937941	4.874192	4.896014	4.893270
Stddev	.24946	.065964	.032056	.037412	.009899	.041075	.037900
%RSD	.9841748	1.351802	.6353452	.7576380	.2030809	.8389378	.7745290

#1	25.31962	4.877202	5.008451	4.894946	4.864245	4.902292	4.851526
#2	25.60915	4.815041	5.063585	4.955804	4.874287	4.933588	4.902764
#3	25.11251	4.946897	5.064354	4.963073	4.884042	4.852162	4.925521

Sample Name: CCV04 Acquired: 7/31/2025 17:20:19 Type: Unk
Method: 6010-200.7 NEW(v72) 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	4.910727	4.842407	5.069378
Stddev	.026277	.006750	.039519
%RSD	.5350892	.1393971	.7795639

#1	4.880418	4.834877	5.027908
#2	4.927105	4.847914	5.073622
#3	4.924659	4.844431	5.106604

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5004.366	87973.14	7653.071	4190.546	6024.276
Stddev	33.827	256.71	98.338	11.244	40.912
%RSD	.6759483	.2918013	1.284944	.2683133	.6791228

#1	5042.206	88166.12	7665.047	4200.273	6070.348
#2	4993.832	87681.80	7744.871	4178.235	6010.287
#3	4977.059	88071.51	7549.293	4193.130	5992.194

Sample Name: CCB04 Acquired: 7/31/2025 17:24:30 Type: Unk
Method: 6010-200.7 NEW(v72) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCB04 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009076	-.000775	-.000317	.0005888	-.000855	.0028365	-.001348
Stddev	.0018592	.000138	.000409	.0014778	.002085	.0055943	.000469
%RSD	204.8511	17.77342	129.1359	250.9860	244.0021	197.2263	34.80142

#1	-.000560	-.000923	.000142	.0018425	.001510	.0040673	-.001828
#2	.000285	-.000750	-.000449	.0009645	-.002429	-.003271	-.001326
#3	.002998	-.000651	-.000645	-.001041	-.001645	.007713	-.000890

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000005	.0000998	-.014299	-.001147	.0000016	-.000076	-.000712
Stddev	.000052	.0000628	.009906	.000346	.0000468	.000408	.000821
%RSD	1139.387	62.90627	69.27640	30.20966	3002.583	536.3530	115.4088

#1	-.000064	.0001058	-.007123	-.001494	-.000052	-.000274	-.000178
#2	.000027	.0001593	-.025601	-.001144	.000034	-.000347	-.000300
#3	.000023	.0000342	-.010174	-.000802	.000023	.000393	-.001658

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001210	-.033079	-.000019	.0002831	.7572906	-.000877	-.001287
Stddev	.000204	.023957	.000219	.0008775	.0208751	.001584	.000198
%RSD	16.83430	72.42173	1126.861	309.9830	2.756549	180.6717	15.36421

#1	-.001393	-.020931	.000225	-.000484	.7811044	.000808	-.001073
#2	-.001244	-.017630	-.000200	.001240	.7486154	-.002336	-.001462
#3	-.000991	-.060676	-.000084	.000093	.7421519	-.001102	-.001325

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6802239	.0032894	.0010236	-.000548	.0010669	-.002994	.0017477
Stddev	.0301965	.0000987	.0002587	.000135	.0016199	.005827	.0005587
%RSD	4.439199	2.999637	25.27196	24.71735	151.8300	194.6460	31.96909

#1	.6701064	.0033693	.0012595	-.000399	.0004182	.001574	.0018041
#2	.7141800	.0031791	.0010643	-.000664	.0029107	-.000999	.0011629
#3	.6563853	.0033198	.0007470	-.000581	-.000128	-.009556	.0022760

Sample Name: CCB04 Acquired: 7/31/2025 17:24:30 Type: Unk
Method: 6010-200.7 NEW(v72) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCB04 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0047782	.0083119	.0000506
Stddev	.0030965	.0026215	.0000775
%RSD	64.80425	31.53875	153.2320

#1	.0076156	.0103809	-.000025
#2	.0014753	.0091909	.000129
#3	.0052438	.0053639	.000048

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5267.523	91965.47	7564.491	4390.189	6905.884
Stddev	15.745	106.37	55.333	17.483	11.787
%RSD	.2989114	.1156670	.7314808	.3982293	.1706786

#1	5258.646	92068.36	7605.161	4402.361	6896.387
#2	5285.702	91972.13	7501.481	4370.155	6919.076
#3	5258.219	91855.93	7586.831	4398.050	6902.189

Sample Name: Q1168-01 Acquired: 7/31/2025 17:37:32 Type: Unk
Method: 6010-200.7 NEW(v72) 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	.0049952	.0076714	.0022872	.0058708	.0087461	.0214631	.0172860
Stddev	.0012750	.0012282	.0005942	.0023594	.0002036	.0041626	.0010968
%RSD	25.52405	16.00966	25.98065	40.18821	2.327747	19.39409	6.344865

#1	.0035253	.0085305	.0023485	.0079414	.0087720	.0262553	.0179190
#2	.0058018	.0082189	.0028485	.0033022	.0085308	.0187467	.0160195
#3	.0056585	.0062647	.0016647	.0063688	.0089355	.0193871	.0179194

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012922	.0011476	.3913716	.0009313	.0054436	.0039662	.0175707
Stddev	.0000275	.0000597	.0055737	.0000238	.0003273	.0003465	.0022744
%RSD	2.125012	5.203551	1.424150	2.559175	6.012203	8.736664	12.94426

#1	.0013190	.0012091	.3884715	.0009527	.0051038	.0037689	.0149446
#2	.0012934	.0011437	.3977975	.0009056	.0057567	.0043663	.0189088
#3	.0012641	.0010899	.3878459	.0009355	.0054703	.0037634	.0188587

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0026596	.3871433	.0074230	.0023986	.7712291	.0071462	.0070377
Stddev	.0003924	.0260799	.0000849	.0002918	.0025627	.0020146	.0001173
%RSD	14.75206	6.736500	1.143920	12.16578	.3322891	28.19170	1.667361

#1	.0022078	.3655513	.0075146	.0025512	.7685569	.0048784	.0071436
#2	.0029149	.3797597	.0074078	.0020622	.7736662	.0078311	.0070581
#3	.0028561	.4161190	.0073468	.0025826	.7714643	.0087291	.0069116

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7631468	.0181098	.0381650	.0060373	.0088414	.0597856	.0056941
Stddev	.0100853	.0007549	.0004152	.0004267	.0008136	.0072486	.0001743
%RSD	1.321545	4.168467	1.087971	7.068525	9.202170	12.12429	3.061531

#1	.7744620	.0188468	.0377406	.0055492	.0093853	.0676880	.0055007
#2	.7598743	.0181444	.0381838	.0062227	.0092328	.0582232	.0058392
#3	.7551041	.0173382	.0385704	.0063399	.0079061	.0534456	.0057424

Sample Name: Q1168-01 Acquired: 7/31/2025 17:37:32 Type: Unk
Method: 6010-200.7 NEW(v72) 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	.0047235	.0092615	.0040689
Stddev	.0005004	.0033101	.0000532
%RSD	10.59401	35.74074	1.308072

#1	.0049091	.0128411	.0040804
#2	.0041568	.0086324	.0041154
#3	.0051046	.0063111	.0040108

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5320.391	93076.10	7760.293	4469.824	6910.272
Stddev	17.518	162.22	61.812	23.357	27.358
%RSD	.3292668	.1742878	.7965197	.5225521	.3958999

#1	5338.198	92888.98	7690.140	4463.216	6941.529
#2	5319.799	93177.20	7806.758	4450.483	6898.600
#3	5303.177	93162.11	7783.980	4495.774	6890.685

Sample Name: Q1168-02 Acquired: 7/31/2025 17:41:51 Type: Unk
Method: 6010-200.7 NEW(v72) 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	.0209111	.0418334	.0108617	.0203293	.0506348	.1099863
Stddev	.0018709	.0024815	.0008184	.0021857	.0008456	.0105133
%RSD	8.947084	5.931772	7.534954	10.75135	1.669937	9.558712

#1	.0207774	.0391073	.0105614	.0212619	.0497890	.0981593
#2	.0191107	.0424324	.0102358	.0218940	.0506353	.1135287
#3	.0228453	.0439606	.0117879	.0178320	.0514801	.1182707

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1000195	.0063105	.0056650	2.065820	.0097430	.0294490
Stddev	.0008191	.0000638	.0000191	.019155	.0001654	.0001091
%RSD	.8189458	1.011141	.3371226	.9272301	1.697486	.3705397

#1	.1009277	.0063454	.0056869	2.071545	.0095520	.0295684
#2	.0993367	.0062369	.0056563	2.044456	.0098362	.0294239
#3	.0997940	.0063494	.0056518	2.081460	.0098408	.0293546

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0227701	.1069043	.0214077	2.089810	.0395394	.0112098
Stddev	.0002037	.0053603	.0006184	.038823	.0001714	.0002688
%RSD	.8945411	5.014133	2.888687	1.857719	.4334660	2.397680

#1	.0225408	.1007152	.0216508	2.056930	.0393465	.0109108
#2	.0228395	.1100659	.0207046	2.079861	.0395978	.0114313
#3	.0229300	.1099317	.0218675	2.132639	.0396740	.0112874

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.178486	.0389924	.0485674	2.245577	.1014582	.2027034
Stddev	.018255	.0042399	.0000187	.031227	.0006026	.0003774
%RSD	.8379860	10.87364	.0385457	1.390586	.5939520	.1861846

#1	2.195610	.0341450	.0485855	2.269106	.1016398	.2024200
#2	2.180568	.0408219	.0485687	2.257475	.1007857	.2025584
#3	2.159278	.0420105	.0485481	2.210150	.1019491	.2031318

Sample Name: Q1168-02 Acquired: 7/31/2025 17:41:51 Type: Unk
Method: 6010-200.7 NEW(v72) 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	.0388382	.0381228	.3431978	.0230755	F .0265297	.0209062
Stddev	.0005241	.0006027	.0079005	.0007392	.0017206	.0003435
%RSD	1.349451	1.581013	2.302022	3.203294	6.485425	1.642800

#1	.0383484	.0378660	.3425098	.0227356	.0258478	.0205443
#2	.0387753	.0388114	.3356638	.0239235	.0252546	.0212277
#3	.0393909	.0376910	.3514198	.0225674	.0284867	.0209465

Elem	Sr4077
Units	ppm
Avg	.0213409
Stddev	.0000761
%RSD	.3565012

#1	.0212536
#2	.0213935
#3	.0213755

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5279.430	92375.60	7742.271	4419.359	6799.326
Stddev	6.984	45.97	44.944	10.532	3.069
%RSD	.1322798	.0497695	.5804992	.2383127	.0451337

#1	5277.741	92324.04	7772.739	4419.985	6798.125
#2	5287.103	92390.43	7763.420	4429.565	6802.814
#3	5273.446	92412.33	7690.654	4408.529	6797.040

Sample Name: Q1168-16 Acquired: 7/31/2025 17:46:07 Type: Unk
Method: 6010-200.7 NEW(v72) 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	.0220519	.0414991	.0113425	.0220706	.0502957	.1054080	.1007773
Stddev	.0005492	.0014295	.0011267	.0028052	.0002159	.0044589	.0003316
%RSD	2.490383	3.444542	9.933216	12.71006	.4293452	4.230102	.3290817

#1	.0214396	.0428820	.0100482	.0243397	.0501283	.1105192	.1008291
#2	.0225008	.0415882	.0118759	.0229379	.0502194	.1023155	.1004228
#3	.0222154	.0400273	.0121035	.0189342	.0505395	.1033892	.1010800

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0063365	.0055611	2.065536	.0095033	.0294332	.0216356	.1033363
Stddev	.0000705	.0000372	.005471	.0003730	.0002112	.0003938	.0062268
%RSD	1.112878	.6696872	.2648919	3.924908	.7174464	1.819909	6.025781

#1	.0063842	.0055393	2.062680	.0099284	.0293132	.0218733	.0971132
#2	.0062555	.0055399	2.062085	.0092308	.0293094	.0211811	.1095668
#3	.0063697	.0056041	2.071845	.0093506	.0296770	.0218525	.1033289

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0202230	2.153022	.0396271	.0105950	2.147148	.0369546	.0416293
Stddev	.0006191	.013418	.0001689	.0003081	.006521	.0045844	.0004175
%RSD	3.061557	.6232358	.4261379	2.908113	.3037185	12.40541	1.002836

#1	.0198321	2.149744	.0395829	.0105405	2.142475	.0344336	.0414939
#2	.0199002	2.141546	.0394847	.0109267	2.154598	.0422462	.0412963
#3	.0209369	2.167775	.0398137	.0103177	2.144369	.0341840	.0420977

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.221370	.1021518	.2100538	.0384848	.0381846	.3578375	.0190411
Stddev	.049389	.0008558	.0007587	.0000898	.0023662	.0044949	.0007111
%RSD	2.223379	.8377986	.3611757	.2332309	6.196632	1.256123	3.734694

#1	2.229014	.1026528	.2099672	.0385559	.0371905	.3624019	.0184616
#2	2.168604	.1011636	.2093422	.0385145	.0408857	.3534155	.0188271
#3	2.266491	.1026390	.2108521	.0383839	.0364777	.3576952	.0198347

Sample Name: Q1168-16 Acquired: 7/31/2025 17:46:07 Type: Unk
Method: 6010-200.7 NEW(v72) 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	.0204067	.0199149	.0208941
Stddev	.0017744	.0021108	.0000928
%RSD	8.695169	10.59892	.4442344

#1	.0205659	.0220701	.0209464
#2	.0220961	.0178516	.0207870
#3	.0185580	.0198230	.0209491

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5266.997	91706.48	7785.711	4389.838	6795.768
Stddev	17.058	110.05	30.840	3.387	12.365
%RSD	.3238566	.1200007	.3961096	.0771599	.1819459

#1	5264.608	91672.55	7759.874	4387.455	6799.454
#2	5285.123	91617.39	7819.853	4388.344	6805.871
#3	5251.260	91829.49	7777.405	4393.716	6781.980

Sample Name: Q1168-07 Acquired: 7/31/2025 17:50:22 Type: Unk
Method: 6010-200.7 NEW(v72) 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	.0036732	.0062783	.0031026	.0054082	.0087878	.0186998	.0174697
Stddev	.0000943	.0016795	.0005935	.0016581	.0002058	.0120445	.0000630
%RSD	2.567270	26.75134	19.12715	30.65999	2.341393	64.40992	.3605771

#1	.0035665	.0075996	.0030793	.0044886	.0088877	.0189091	.0174233
#2	.0037452	.0068470	.0037074	.0044136	.0085512	.0065519	.0175414
#3	.0037080	.0043882	.0025212	.0073223	.0089245	.0306382	.0174444

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012718	.0010810	.3899080	.0010417	.0056137	.0039949	.0169083
Stddev	.0000287	.0000189	.0101047	.0002553	.0002462	.0001175	.0033505
%RSD	2.253157	1.751130	2.591570	24.50878	4.386388	2.941059	19.81587

#1	.0012549	.0010779	.3789461	.0007803	.0055954	.0038615	.0205224
#2	.0012556	.0010638	.3988507	.0010543	.0053771	.0040830	.0162972
#3	.0013049	.0011013	.3919273	.0012904	.0058685	.0040402	.0139055

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0025230	.3788158	.0071228	.0021283	.5384935	.0094737	.0069240
Stddev	.0001571	.0150929	.0003223	.0003328	.0041214	.0029806	.0001077
%RSD	6.226606	3.984239	4.524710	15.63706	.7653579	31.46145	1.554698

#1	.0025844	.3643662	.0072951	.0017493	.5379981	.0094942	.0068345
#2	.0026402	.3944787	.0067510	.0023726	.5428402	.0124439	.0070434
#3	.0023445	.3776023	.0073223	.0022632	.5346422	.0064829	.0068939

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5745005	.0178589	.0385973	.0067087	.0079750	.0567331	.0071229
Stddev	.0153354	.0002533	.0000734	.0003209	.0013102	.0054550	.0005984
%RSD	2.669341	1.418321	.1900943	4.782930	16.42878	9.615117	8.401138

#1	.5607163	.0181130	.0385129	.0063840	.0091980	.0529352	.0074885
#2	.5717659	.0178573	.0386457	.0067164	.0065923	.0629838	.0074479
#3	.5910192	.0176064	.0386333	.0070256	.0081349	.0542801	.0064323

Sample Name: Q1168-07 Acquired: 7/31/2025 17:50:22 Type: Unk
Method: 6010-200.7 NEW(v72) 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	.0045931	.0032012	.0041069
Stddev	.0024163	.0017425	.0000578
%RSD	52.60721	54.43182	1.407118

#1	.0025311	.0030083	.0040406
#2	.0072518	.0015632	.0041331
#3	.0039963	.0050321	.0041469

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5336.972	93413.24	7676.664	4489.259	6932.681
Stddev	10.151	187.68	39.417	14.978	19.181
%RSD	.1901973	.2009165	.5134709	.3336311	.2766697

#1	5346.286	93604.29	7680.878	4494.866	6928.066
#2	5338.478	93406.31	7713.805	4472.287	6953.748
#3	5326.153	93229.12	7635.309	4500.624	6916.229

Sample Name: Q1168-08 Acquired: 7/31/2025 17:54:41 Type: Unk
Method: 6010-200.7 NEW(v72) 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	.0218857	.0413765	.0123891	.0197942	.0499571	.1078746	.1000237
Stddev	.0020312	.0021892	.0004852	.0020756	.0008719	.0085273	.0007826
%RSD	9.280764	5.291035	3.916336	10.48612	1.745255	7.904866	.7824549

#1	.0230792	.0432564	.0126350	.0180931	.0489506	.1138377	.0992392
#2	.0195405	.0389729	.0118302	.0221069	.0504823	.1116788	.1008044
#3	.0230375	.0419004	.0127021	.0191825	.0504382	.0981072	.1000275

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0062980	.0056203	2.043301	.0091124	.0294565	.0216781	.0981785
Stddev	.0000437	.0000357	.009995	.0000855	.0001501	.0001534	.0041146
%RSD	.6933791	.6345455	.4891488	.9377062	.5095916	.7077275	4.190942

#1	.0062808	.0056107	2.043089	.0091030	.0295430	.0216275	.1021274
#2	.0063477	.0056598	2.053400	.0090321	.0295433	.0215564	.0984919
#3	.0062656	.0055905	2.033414	.0092022	.0292832	.0218504	.0939161

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0203385	2.150974	.0397065	.0105287	2.028616	.0390005	.0409266
Stddev	.0007164	.025835	.0001656	.0001402	.012902	.0007095	.0002314
%RSD	3.522592	1.201066	.4171615	1.331218	.6359804	1.819300	.5653780

#1	.0209915	2.127197	.0397157	.0106410	2.042822	.0381869	.0410015
#2	.0195721	2.147261	.0395364	.0103717	2.017629	.0394907	.0406671
#3	.0204519	2.178465	.0398673	.0105735	2.025396	.0393240	.0411113

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.101556	.1016670	.2085568	.0383834	.0377289	.3474957	.0195743
Stddev	.027036	.0005599	.0005631	.0003075	.0024575	.0088444	.0009376
%RSD	1.286488	.5506975	.2699739	.8011247	6.513560	2.545195	4.790037

#1	2.095247	.1012575	.2079644	.0385526	.0366061	.3389274	.0197755
#2	2.131189	.1023050	.2086211	.0380284	.0405472	.3565926	.0185525
#3	2.078232	.1014386	.2090850	.0385691	.0360332	.3469672	.0203950

Sample Name: Q1168-08 Acquired: 7/31/2025 17:54:41 Type: Unk
Method: 6010-200.7 NEW(v72) 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	.0198964	.0169972	.0207218
Stddev	.0024166	.0007639	.0000167
%RSD	12.14584	4.494059	.0807552

#1	.0175260	.0177875	.0207195
#2	.0198066	.0169411	.0207396
#3	.0223567	.0162629	.0207064

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5297.642	92681.18	7742.886	4463.621	6792.872
Stddev	4.706	232.43	21.005	28.957	13.512
%RSD	.0888347	.2507862	.2712872	.6487441	.1989070

#1	5298.048	92450.18	7748.608	4431.986	6793.484
#2	5302.132	92915.02	7719.612	4488.817	6806.067
#3	5292.746	92678.34	7760.437	4470.060	6779.065

Sample Name: Q1168-17 Acquired: 7/31/2025 17:58:59 Type: Unk
Method: 6010-200.7 NEW(v72) 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	.0216716	.0445412	.0120430	.0214804	.0498082	.1090293	.1001315
Stddev	.0014072	.0017540	.0002899	.0029560	.0010248	.0064285	.0009043
%RSD	6.493118	3.937942	2.407000	13.76133	2.057561	5.896153	.9030692

#1	.0213520	.0425178	.0120097	.0181356	.0486898	.1064732	.1009249
#2	.0232111	.0454750	.0117712	.0225636	.0507022	.1163427	.1003226
#3	.0204518	.0456307	.0123481	.0237421	.0500327	.1042720	.0991469

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0064439	.0056184	2.070101	.0091476	.0294811	.0211500	.0975106
Stddev	.0001634	.0000427	.019130	.0000711	.0002668	.0002735	.0072337
%RSD	2.535413	.7606130	.9241325	.7777376	.9049151	1.293081	7.418359

#1	.0063849	.0055784	2.074805	.0090655	.0292231	.0208809	.0958096
#2	.0066286	.0056134	2.086441	.0091922	.0294645	.0211413	.0912790
#3	.0063182	.0056634	2.049058	.0091850	.0297558	.0214277	.1054432

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0206473	2.144256	.0397435	.0104813	2.003768	.0415460	.0404464
Stddev	.0001696	.024756	.0004103	.0001229	.019934	.0013860	.0007655
%RSD	.8213581	1.154539	1.032439	1.172882	.9948429	3.336090	1.892677

#1	.0205121	2.118808	.0395180	.0105117	1.985966	.0404089	.0411444
#2	.0208376	2.168257	.0394954	.0105862	2.000033	.0430899	.0405672
#3	.0205923	2.145703	.0402171	.0103460	2.025306	.0411392	.0396277

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.068965	.1025146	.2102926	.0384628	.0376375	.3417200	.0203422
Stddev	.038482	.0010595	.0015048	.0008094	.0021219	.0066237	.0014335
%RSD	1.859943	1.033535	.7155865	2.104365	5.637744	1.938339	7.047078

#1	2.107399	.1013067	.2096250	.0379146	.0370875	.3384132	.0216824
#2	2.030436	.1032867	.2092371	.0380813	.0399803	.3374009	.0205136
#3	2.069061	.1029505	.2120158	.0393924	.0358447	.3493461	.0188307

Sample Name: Q1168-17 Acquired: 7/31/2025 17:58:59 Type: Unk
Method: 6010-200.7 NEW(v72) 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	.0207774	.0186713	.0206966
Stddev	.0013340	.0021767	.0001556
%RSD	6.420568	11.65827	.7519129

#1	.0193030	.0202179	.0206508
#2	.0211284	.0161821	.0208699
#3	.0219009	.0196139	.0205690

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5286.432	92181.95	7655.205	4435.422	6809.478
Stddev	27.441	211.34	25.393	21.788	38.230
%RSD	.5190759	.2292619	.3317044	.4912295	.5614172

#1	5304.040	91954.35	7663.220	4410.338	6836.614
#2	5300.442	92371.98	7626.772	4449.642	6826.063
#3	5254.815	92219.52	7675.623	4446.285	6765.756

Sample Name: Q1168-10 Acquired: 7/31/2025 18:03:16 Type: Unk
Method: 6010-200.7 NEW(v72) 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	.0039797	.0074623	.0023429	.0055543	.0093126	.0308451	.0181880
Stddev	.0019180	.0012335	.0008264	.0038740	.0014546	.0087377	.0009443
%RSD	48.19392	16.52996	35.27348	69.74794	15.61987	28.32770	5.191777

#1	.0039971	.0061075	.0023132	.0071227	.0079278	.0207706	.0191646
#2	.0020531	.0085204	.0031838	.0083981	.0108282	.0363567	.0181196
#3	.0058889	.0077589	.0015318	.0011420	.0091819	.0354081	.0172797

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012607	.0011295	.3965110	.0009927	.0056223	.0039466	.0192784
Stddev	.0000714	.0000081	.0074410	.0003565	.0001049	.0001277	.0052948
%RSD	5.666850	.7181573	1.876611	35.91110	1.866401	3.236815	27.46503

#1	.0011828	.0011307	.4048880	.0006047	.0055258	.0039606	.0251415
#2	.0013230	.0011369	.3939769	.0013058	.0056070	.0040668	.0148457
#3	.0012764	.0011208	.3906680	.0010677	.0057340	.0038125	.0178480

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023877	.3940845	.0075492	.0027705	.4928513	.0065278	.0074345
Stddev	.0003370	.0218407	.0001866	.0005089	.0145737	.0004994	.0002798
%RSD	14.11534	5.542146	2.471079	18.36856	2.957015	7.650535	3.762946

#1	.0026150	.3815227	.0076007	.0029053	.4955779	.0059545	.0071264
#2	.0025477	.4193039	.0077046	.0022078	.5058691	.0068682	.0075044
#3	.0020005	.3814268	.0073424	.0031984	.4771068	.0067608	.0076726

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5103188	.0173341	.0387490	.0070743	.0079877	.0603370	.0061970
Stddev	.0092798	.0007279	.0001010	.0002606	.0012549	.0076004	.0016866
%RSD	1.818423	4.199024	.2605907	3.683837	15.71062	12.59664	27.21671

#1	.5148817	.0164964	.0386606	.0068147	.0091860	.0517198	.0079685
#2	.4996410	.0176944	.0387274	.0073359	.0066829	.0660858	.0046106
#3	.5164338	.0178116	.0388590	.0070723	.0080943	.0632055	.0060118

Sample Name: Q1168-10 Acquired: 7/31/2025 18:03:16 Type: Unk
Method: 6010-200.7 NEW(v72) 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	.0034963	.0015381	.0041544
Stddev	.0021358	.0021595	.0000252
%RSD	61.08785	140.3997	.6058957

#1	.0019774	.0039885	.0041659
#2	.0025730	.0007129	.0041255
#3	.0059384	-.000087	.0041717

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5248.039	89625.61	7643.438	4300.466	6844.478
Stddev	4.628	1023.90	81.381	30.692	11.177
%RSD	.0881906	1.142424	1.064723	.7136909	.1633059

#1	5252.355	90542.21	7690.292	4316.878	6855.035
#2	5243.151	88520.57	7549.467	4265.058	6845.631
#3	5248.612	89814.05	7690.556	4319.464	6832.769

Sample Name: Q1168-11 Acquired: 7/31/2025 18:07:35 Type: Unk
Method: 6010-200.7 NEW(v72) 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	.0214228	.0405138	.0110716	.0207665	.0512183	.1174032	.1017333
Stddev	.0011835	.0012712	.0009179	.0012664	.0009465	.0157301	.0007009
%RSD	5.524285	3.137627	8.290178	6.098498	1.847877	13.39837	.6889228

#1	.0206945	.0410834	.0107776	.0193045	.0502390	.1286430	.1020536
#2	.0207857	.0414006	.0121004	.0214680	.0521281	.1241399	.1022169
#3	.0227884	.0390575	.0103368	.0215269	.0512878	.0994266	.1009296

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0064876	.0056004	2.077777	.0089981	.0292930	.0216625	.1015463
Stddev	.0000755	.0000581	.008892	.0002339	.0001963	.0001111	.0001400
%RSD	1.164291	1.037542	.4279473	2.599695	.6702262	.5129157	.1378321

#1	.0064607	.0056380	2.085584	.0092067	.0290773	.0215364	.1014051
#2	.0064291	.0056296	2.079648	.0087452	.0293403	.0217050	.1015488
#3	.0065728	.0055334	2.068098	.0090425	.0294614	.0217461	.1016850

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0197969	2.083581	.0393438	.0107471	1.956115	.0374520	.0407731
Stddev	.0004122	.055910	.0002810	.0003256	.017233	.0006015	.0000583
%RSD	2.081906	2.683358	.7141003	3.029267	.8809672	1.605999	.1429857

#1	.0202532	2.021707	.0390201	.0104981	1.957329	.0367829	.0408366
#2	.0194518	2.130474	.0394876	.0111155	1.972709	.0376251	.0407220
#3	.0196856	2.098563	.0395238	.0106278	1.938308	.0379479	.0407607

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.009985	.1016325	.1989371	.0376997	.0393699	.3461736	.0201930
Stddev	.006964	.0013992	.0011203	.0000712	.0028331	.0119998	.0007728
%RSD	.3464755	1.376713	.5631549	.1889907	7.196125	3.466408	3.827270

#1	2.017686	.1006679	.1977756	.0376274	.0404556	.3397054	.0194515
#2	2.008140	.1009924	.1990245	.0377698	.0414996	.3600198	.0209937
#3	2.004129	.1032373	.2000111	.0377019	.0361545	.3387955	.0201337

Sample Name: Q1168-11 Acquired: 7/31/2025 18:07:35 Type: Unk
Method: 6010-200.7 NEW(v72) 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	.0182675	.0173356	.0215711
Stddev	.0006858	.0010626	.0002093
%RSD	3.754163	6.129763	.9701383

#1	.0176134	.0165760	.0213385
#2	.0182079	.0185499	.0217441
#3	.0189811	.0168810	.0216307

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5231.562	91621.30	7537.037	4405.928	6746.931
Stddev	27.825	200.70	15.752	14.472	40.718
%RSD	.5318745	.2190568	.2090007	.3284625	.6034999

#1	5258.229	91621.82	7538.834	4395.924	6786.117
#2	5233.751	91420.34	7551.813	4399.339	6749.840
#3	5202.707	91821.75	7520.462	4422.522	6704.837

Sample Name: Q2126-01 Acquired: 7/31/2025 18:11:51 Type: Unk
Method: 6010-200.7 NEW(v72) 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	.0043041	.0069539	.0017405	.0033776	.0086763	.0201224	.0180938
Stddev	.0020305	.0006348	.0003218	.0020386	.0009889	.0063127	.0003668
%RSD	47.17770	9.129032	18.48795	60.35682	11.39740	31.37152	2.027217

#1	.0036668	.0076063	.0016326	.0012891	.0096888	.0194785	.0176753
#2	.0026685	.0063383	.0021024	.0034813	.0086272	.0267325	.0182471
#3	.0065768	.0069170	.0014866	.0053624	.0077129	.0141564	.0183592

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012478	.0011416	.3905947	.0010194	.0056758	.0043894	.0148501
Stddev	.0000539	.0000435	.0068892	.0002567	.0001764	.0004214	.0048342
%RSD	4.316225	3.808122	1.763760	25.17725	3.107615	9.599284	32.55303

#1	.0012315	.0011606	.3892903	.0007495	.0056477	.0041835	.0141360
#2	.0012040	.0010919	.3980428	.0012604	.0055151	.0048741	.0200016
#3	.0013079	.0011724	.3844509	.0010484	.0058645	.0041106	.0104127

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0027669	.3782795	.0074411	.0023778	.4411150	.0057276	.0071954
Stddev	.0003264	.0121879	.0002001	.0002410	.0118916	.0018618	.0002622
%RSD	11.79607	3.221935	2.689701	10.13406	2.695793	32.50619	3.643422

#1	.0030970	.3656264	.0076581	.0026531	.4503458	.0078677	.0074891
#2	.0024444	.3899417	.0074014	.0022749	.4453032	.0048358	.0069852
#3	.0027592	.3792704	.0072638	.0022053	.4276960	.0044795	.0071118

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4658581	.0165272	.0386560	.0067353	.0070799	.0538159	.0047699
Stddev	.0302746	.0001856	.0000788	.0002221	.0005714	.0103120	.0018176
%RSD	6.498680	1.122895	.2039502	3.297616	8.070848	19.16162	38.10580

#1	.4738827	.0167374	.0387192	.0064797	.0077391	.0436739	.0068451
#2	.4323796	.0163858	.0385677	.0068452	.0067740	.0534840	.0040034
#3	.4913121	.0164585	.0386813	.0068811	.0067265	.0642899	.0034610

Sample Name: Q2126-01 Acquired: 7/31/2025 18:11:51 Type: Unk
Method: 6010-200.7 NEW(v72) 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	.0056275	.0004337	.0040678
Stddev	.0017432	.0018141	.0000461
%RSD	30.97642	418.3268	1.134362

#1	.0041123	.0013708	.0040425
#2	.0052376	.0015875	.0040398
#3	.0075327	-.001657	.0041211

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5310.177	92194.17	7580.796	4457.695	6848.438
Stddev	5.571	231.88	5.212	9.813	17.420
%RSD	.1049161	.2515159	.0687564	.2201288	.2543645

#1	5310.411	91928.61	7585.477	4459.856	6858.372
#2	5315.627	92297.33	7581.733	4446.982	6858.619
#3	5304.492	92356.58	7575.179	4466.247	6828.324

Sample Name: Q2126-02 Acquired: 7/31/2025 18:16:09 Type: Unk
Method: 6010-200.7 NEW(v72) 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	.0193133	.0418610	.0103950	.0212049	.0487591	.1137026	.1029967
Stddev	.0012734	.0012517	.0005093	.0029198	.0008801	.0038313	.0028572
%RSD	6.593565	2.990030	4.899150	13.76929	1.805023	3.369615	2.774108

#1	.0183273	.0404393	.0102453	.0192531	.0481661	.1181137	.1058942
#2	.0188615	.0427969	.0109624	.0245616	.0483409	.1112045	.1029144
#3	.0207510	.0423468	.0099774	.0198001	.0497703	.1117895	.1001815

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0065326	.0056046	2.099064	.0090997	.0292006	.0214619	.1019041
Stddev	.0000338	.0000607	.041900	.0001228	.0000849	.0003098	.0047415
%RSD	.5177037	1.082518	1.996130	1.349341	.2906904	1.443541	4.652922

#1	.0065671	.0056601	2.135719	.0091793	.0291941	.0213039	.0965988
#2	.0065312	.0055398	2.108087	.0091615	.0291191	.0218189	.1057281
#3	.0064995	.0056139	2.053388	.0089583	.0292885	.0212630	.1033854

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0200047	2.124763	.0391223	.0104427	1.949498	.0375453	.0413903
Stddev	.0005949	.052940	.0002114	.0001803	.016520	.0030149	.0002765
%RSD	2.973689	2.491574	.5402711	1.727068	.8474129	8.030117	.6680376

#1	.0206649	2.183454	.0390404	.0105224	1.965664	.0386745	.0411155
#2	.0198391	2.110220	.0389642	.0102362	1.950187	.0398325	.0413869
#3	.0195102	2.080614	.0393624	.0105694	1.932645	.0341287	.0416685

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.008600	.1031573	.1983191	.0378974	.0391189	.3376546	.0204369
Stddev	.014209	.0016204	.0004320	.0004392	.0029910	.0199374	.0020073
%RSD	.7074234	1.570836	.2178083	1.158814	7.645876	5.904671	9.821942

#1	2.003415	.1048727	.1981233	.0376257	.0425696	.3477556	.0202511
#2	2.024674	.1029468	.1980197	.0376624	.0372698	.3146882	.0225307
#3	1.997711	.1016524	.1988142	.0384040	.0375173	.3505199	.0185290

Sample Name: Q2126-02 Acquired: 7/31/2025 18:16:09 Type: Unk
Method: 6010-200.7 NEW(v72) 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	.0195195	.0158987	.0218312
Stddev	.0034911	.0029577	.0004175
%RSD	17.88517	18.60311	1.912226

#1	.0164387	.0154100	.0222215
#2	.0233114	.0190703	.0218810
#3	.0188084	.0132158	.0213911

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5266.449	90995.51	7434.461	4388.872	6787.826
Stddev	4.942	121.40	126.544	8.070	4.086
%RSD	.0938398	.1334086	1.702123	.1838744	.0602019

#1	5263.866	90879.26	7327.243	4397.488	6783.319
#2	5263.334	90985.82	7402.095	4381.490	6791.289
#3	5272.147	91121.47	7574.044	4387.639	6788.870

Sample Name: CCV05 Acquired: 7/31/2025 18:20:27 Type: Unk
Method: 6010-200.7 NEW(v72) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCV05 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.911579	4.908637	4.831623	4.924910	4.932585	9.750674	9.983096
Stddev	.014079	.093903	.021716	.004654	.004561	.037037	.056954
%RSD	.2866500	1.913020	.4494617	.0945069	.0924633	.3798396	.5705059

#1	4.912942	5.017054	4.820699	4.920923	4.928946	9.738909	9.917345
#2	4.896868	4.855894	4.817538	4.923783	4.931107	9.720949	10.01478
#3	4.924927	4.852963	4.856632	4.930025	4.937701	9.792164	10.01717

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2453160	2.425255	24.48375	.9994082	2.427559	1.228245	5.041798
Stddev	.0015338	.008768	.03345	.0017023	.009091	.004776	.006492
%RSD	.6252246	.3615280	.1366271	.1703258	.3744925	.3888553	.1287557

#1	.2445270	2.420314	24.48756	.9990603	2.422044	1.225983	5.046781
#2	.2470837	2.420072	24.44856	1.001257	2.422581	1.225021	5.034457
#3	.2443374	2.435378	24.51513	.997907	2.438052	1.233732	5.044156

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.473295	24.34390	2.448561	1.228872	24.03007	2.475047	2.482780
Stddev	.003232	.11094	.010297	.001853	.09052	.001805	.005788
%RSD	.1306598	.4557106	.4205429	.1507569	.3767018	.0729150	.2331088

#1	2.476326	24.36200	2.442664	1.226897	24.06408	2.473285	2.476128
#2	2.473664	24.44468	2.442569	1.230571	23.92747	2.476892	2.486656
#3	2.469895	24.22503	2.460452	1.229149	24.09866	2.474963	2.485557

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.58719	4.917809	4.954083	4.893023	4.861324	4.871299	4.861832
Stddev	.07372	.032548	.013344	.015820	.002014	.033491	.009078
%RSD	.2998151	.6618294	.2693607	.3233187	.0414352	.6875086	.1867207

#1	24.63628	4.895908	4.948451	4.888249	4.862540	4.878858	4.860211
#2	24.50242	4.955210	4.944478	4.880140	4.862433	4.834674	4.853673
#3	24.62287	4.902309	4.969320	4.910680	4.858999	4.900363	4.871611

Sample Name: CCV05 Acquired: 7/31/2025 18:20:27 Type: Unk
Method: 6010-200.7 NEW(v72) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCV05 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.815633	4.800854	5.049555
Stddev	.008207	.001317	.050658
%RSD	.1704137	.0274325	1.003210

#1	4.821526	4.801921	4.994788
#2	4.806260	4.801260	5.059144
#3	4.819112	4.799382	5.094733

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5082.222	87669.21	7584.095	4273.635	6086.202
Stddev	18.420	43.83	30.218	8.279	23.562
%RSD	.3624495	.0499920	.3984455	.1937240	.3871456

#1	5089.489	87653.17	7602.110	4279.623	6099.387
#2	5095.901	87718.80	7549.208	4277.096	6100.220
#3	5061.276	87635.67	7600.968	4264.187	6058.999

Sample Name: CCB05 Acquired: 7/31/2025 18:25:03 Type: Unk
Method: 6010-200.7 NEW(v72) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCB05 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000356	-.000306	.0001242	.0018075	-.001991	.0032789	-.002279
Stddev	.000643	.000654	.0014071	.0005679	.000449	.0121329	.000548
%RSD	180.6439	213.3706	1132.721	31.41737	22.55435	370.0307	24.03861

#1	.000113	-.001042	.0007009	.0012699	-.001933	-.010670	-.001847
#2	-.001089	.000209	-.001480	.0024015	-.001573	.009123	-.002896
#3	-.000092	-.000087	.001151	.0017512	-.002466	.011384	-.002096

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000103	.0000319	-.027222	-.000992	-.000081	-.000086	-.005537
Stddev	.0000069	.0000378	.002251	.000177	.000040	.000181	.003849
%RSD	66.66146	118.4744	8.268556	17.86853	49.18941	210.5451	69.52727

#1	.0000180	.0000756	-.028564	-.001178	-.000035	.000007	-.007990
#2	.0000084	.0000090	-.024624	-.000825	-.000103	-.000295	-.001100
#3	.0000046	.0000112	-.028479	-.000972	-.000106	.000030	-.007519

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001233	-.022645	.0000589	.0002280	.0736893	-.001996	-.001334
Stddev	.000152	.014869	.0000593	.0004898	.0166482	.000885	.000097
%RSD	12.32329	65.66269	100.5909	214.7999	22.59237	44.37014	7.251060

#1	-.001390	-.013653	.0000311	-.000093	.0763521	-.003018	-.001335
#2	-.001222	-.014474	.0001270	-.000014	.0888455	-.001473	-.001430
#3	-.001086	-.039808	.0000187	.000792	.0558702	-.001496	-.001237

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1139931	.0018927	.0007551	-.000475	-.001267	-.006969	.0030158
Stddev	.0301872	.0004418	.0003117	.000318	.001650	.007246	.0013432
%RSD	26.48160	23.34164	41.27848	66.93709	130.2440	103.9761	44.53786

#1	.1038832	.0023377	.0010755	-.000775	-.002638	-.005664	.0020270
#2	.1479376	.0018864	.0007369	-.000142	.000564	-.014779	.0045449
#3	.0901584	.0014542	.0004529	-.000508	-.001727	-.000464	.0024753

Sample Name: CCB05 Acquired: 7/31/2025 18:25:03 Type: Unk
Method: 6010-200.7 NEW(v72) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCB05 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001414	-.001082	-.000068
Stddev	.005097	.001582	.000021
%RSD	360.4183	146.1953	30.28767

#1	.000058	.000504	-.000084
#2	.002785	-.002659	-.000045
#3	-.007085	-.001090	-.000076

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5284.006	92225.26	7596.810	4409.980	6914.496
Stddev	.820	60.54	74.367	7.610	9.969
%RSD	.0155255	.0656465	.9789284	.1725669	.1441784

#1	5284.859	92157.67	7513.161	4416.317	6908.570
#2	5283.222	92274.52	7655.447	4412.084	6926.006
#3	5283.938	92243.59	7621.823	4401.539	6908.912

Sample Name: Q2126-16 Acquired: 7/31/2025 18:29:22 Type: Unk
Method: 6010-200.7 NEW(v72) 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	.0200766	.0391039	.0113028	.0210909	.0492488	.1062625	.0991027
Stddev	.0018433	.0023548	.0009643	.0033680	.0026890	.0100719	.0001056
%RSD	9.181292	6.021899	8.531799	15.96879	5.459984	9.478351	.1065079

#1	.0212296	.0363945	.0116829	.0244580	.0463331	.1160819	.0991033
#2	.0210495	.0402601	.0120191	.0177221	.0497823	.1067499	.0992079
#3	.0179507	.0406572	.0102063	.0210927	.0516311	.0959558	.0989968

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0063414	.0055659	2.049200	.0086363	.0289964	.0212897	.1021787
Stddev	.0001393	.0000634	.008615	.0001117	.0000597	.0002348	.0045010
%RSD	2.196013	1.139731	.4204081	1.293537	.2060289	1.102681	4.405056

#1	.0063534	.0054934	2.046551	.0085088	.0290336	.0212316	.1045023
#2	.0064743	.0055932	2.058828	.0087168	.0289275	.0210894	.1050429
#3	.0061965	.0056112	2.042220	.0086834	.0290281	.0215480	.0969907

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0193835	2.073206	.0386654	.0103739	1.929288	.0351912	.0406161
Stddev	.0002225	.025203	.0000904	.0005060	.020395	.0011893	.0000837
%RSD	1.147604	1.215634	.2337649	4.877530	1.057112	3.379430	.2060343

#1	.0196404	2.080122	.0385765	.0108871	1.928747	.0341673	.0405196
#2	.0192541	2.045268	.0386625	.0103591	1.909169	.0364957	.0406602
#3	.0192560	2.094228	.0387572	.0098754	1.949948	.0349108	.0406686

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.971554	.1032623	.1960876	.0376086	.0373456	.3366769	.0190961
Stddev	.027732	.0018382	.0003543	.0012272	.0007464	.0131943	.0002529
%RSD	1.406590	1.780094	.1806614	3.263008	1.998670	3.918971	1.324203

#1	1.976207	.1039479	.1957113	.0365188	.0364892	.3357697	.0189303
#2	1.941789	.1046591	.1961369	.0373691	.0378581	.3239596	.0193872
#3	1.996664	.1011798	.1964146	.0389378	.0376894	.3503013	.0189709

Sample Name: Q2126-16 Acquired: 7/31/2025 18:29:22 Type: Unk
Method: 6010-200.7 NEW(v72) 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	.0194340	.0195249	.0212743
Stddev	.0021492	.0010779	.0000200
%RSD	11.05893	5.520668	.0941998

#1	.0185378	.0183188	.0212745
#2	.0178779	.0198618	.0212541
#3	.0218862	.0203942	.0212942

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5329.867	92607.32	7644.274	4460.661	6852.464
Stddev	14.737	275.10	53.405	6.839	23.791
%RSD	.2764957	.2970645	.6986212	.1533163	.3471850

#1	5334.888	92599.37	7651.107	4464.596	6854.242
#2	5341.437	92886.32	7587.782	4452.764	6875.317
#3	5313.275	92336.28	7693.933	4464.623	6827.835

Sample Name: Q2126-07 Acquired: 7/31/2025 18:33:38 Type: Unk
Method: 6010-200.7 NEW(v72) 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	.0029951	.0052579	.0028538	.0051200	.0066226	.0186327	.0168490
Stddev	.0012219	.0016532	.0003900	.0035118	.0012499	.0089542	.0004086
%RSD	40.79712	31.44286	13.66473	68.59092	18.87324	48.05654	2.425035

#1	.0021131	.0065493	.0033040	.0033351	.0054431	.0129522	.0166808
#2	.0024823	.0058297	.0026348	.0091658	.0079326	.0289547	.0165514
#3	.0043898	.0033947	.0026225	.0028590	.0064919	.0139911	.0173149

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011861	.0011234	.3897324	.0006636	.0055984	.0041992	.0097405
Stddev	.0000139	.0000192	.0064906	.0002059	.0002246	.0001613	.0020893
%RSD	1.175106	1.705345	1.665400	31.02433	4.012460	3.841901	21.44962

#1	.0011975	.0011297	.3834700	.0004684	.0053411	.0042265	.0121516
#2	.0011705	.0011019	.3892979	.0006437	.0056994	.0043452	.0086067
#3	.0011901	.0011386	.3964294	.0008787	.0057549	.0040260	.0084633

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0025303	.3739507	.0074036	.0023973	.3932418	.0068368	.0071965
Stddev	.0002133	.0204354	.0000610	.0000799	.0068871	.0009397	.0000524
%RSD	8.429579	5.464719	.8242617	3.332084	1.751378	13.74514	.7278443

#1	.0026830	.3660606	.0073398	.0024894	.3939712	.0079144	.0072070
#2	.0026213	.3586367	.0074095	.0023542	.3997352	.0064082	.0072429
#3	.0022866	.3971549	.0074614	.0023482	.3860190	.0061877	.0071397

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4423889	.0184741	.0379828	.0060955	.0075632	.0507090	.0036338
Stddev	.0311742	.0007615	.0003194	.0001213	.0010210	.0086801	.0021548
%RSD	7.046779	4.122119	.8407876	1.990440	13.49939	17.11750	59.29675

#1	.4678137	.0182464	.0380675	.0060078	.0086982	.0413974	.0018028
#2	.4517448	.0193235	.0382514	.0060447	.0072721	.0521531	.0030905
#3	.4076081	.0178524	.0376297	.0062339	.0067194	.0585765	.0060082

Sample Name: Q2126-07 Acquired: 7/31/2025 18:33:38 Type: Unk
Method: 6010-200.7 NEW(v72) 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	.0009898	.0031817	.0040884
Stddev	.0014868	.0041499	.0001557
%RSD	150.2118	130.4311	3.807308

#1	.0021145	.0075864	.0041769
#2	.0015508	.0026136	.0041797
#3	-.000696	-.000655	.0039087

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5314.804	92879.85	7750.876	4473.078	6913.058
Stddev	6.526	368.32	35.641	14.519	12.322
%RSD	.1227946	.3965564	.4598343	.3245830	.1782364

#1	5322.162	93281.07	7764.157	4480.225	6925.838
#2	5312.535	92557.06	7710.501	4456.371	6901.252
#3	5309.715	92801.42	7777.970	4482.639	6912.083

Sample Name: Q2126-08 Acquired: 7/31/2025 18:37:57 Type: Unk
Method: 6010-200.7 NEW(v72) 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	.0209306	.0397062	.0125388	.0214283	.0499021	.1135081	.1020469
Stddev	.0013786	.0016020	.0011888	.0040996	.0019166	.0045588	.0009421
%RSD	6.586532	4.034635	9.481329	19.13166	3.840634	4.016243	.9231729

#1	.0205552	.0414553	.0111684	.0238320	.0477564	.1186280	.1011942
#2	.0224581	.0383103	.0132946	.0166947	.0514440	.1120077	.1030582
#3	.0197786	.0393529	.0131532	.0237582	.0505060	.1098887	.1018884

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0064364	.0057698	2.079884	.0091874	.0295969	.0217271	.1018244
Stddev	.0000424	.0000166	.003837	.0003027	.0002225	.0002111	.0015196
%RSD	.6589480	.2874699	.1845003	3.294642	.7519492	.9717384	1.492400

#1	.0063893	.0057883	2.076439	.0093659	.0298538	.0215112	.1031032
#2	.0064481	.0057646	2.084020	.0088379	.0294626	.0219331	.1022254
#3	.0064717	.0057564	2.079193	.0093584	.0294744	.0217368	.1001444

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0200300	2.123240	.0396104	.0107091	1.934276	.0402760	.0411818
Stddev	.0003225	.029830	.0001797	.0004852	.003503	.0018701	.0001721
%RSD	1.609923	1.404915	.4537555	4.530845	.1811164	4.643217	.4179527

#1	.0196831	2.088816	.0397443	.0108844	1.933798	.0421164	.0412480
#2	.0200861	2.141487	.0396806	.0101606	1.937994	.0403342	.0413110
#3	.0203206	2.139416	.0394061	.0110822	1.931036	.0383775	.0409864

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.036338	.1022977	.1999029	.0378949	.0371092	.3337947	.0217203
Stddev	.048736	.0004925	.0003452	.0001456	.0014441	.0064867	.0019993
%RSD	2.393319	.4814600	.1726819	.3842358	3.891492	1.943324	9.204900

#1	1.989080	.1027848	.1999764	.0378575	.0354983	.3397659	.0196677
#2	2.033507	.1017999	.1995269	.0380555	.0375418	.3268930	.0236617
#3	2.086429	.1023083	.2002054	.0377716	.0382876	.3347252	.0218314

Sample Name: Q2126-08 Acquired: 7/31/2025 18:37:57 Type: Unk
Method: 6010-200.7 NEW(v72) 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	.0189524	.0198972	.0217983
Stddev	.0007405	.0035809	.0000215
%RSD	3.907308	17.99716	.0985923

#1	.0196545	.0230964	.0218208
#2	.0190242	.0160289	.0217779
#3	.0181787	.0205664	.0217963

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5238.524	90942.85	7573.130	4408.885	6704.056
Stddev	7.668	292.49	43.599	25.573	2.754
%RSD	.1463839	.3216209	.5757054	.5800442	.0410740

#1	5244.437	90870.23	7582.960	4426.885	6700.999
#2	5229.859	90693.51	7525.455	4379.612	6706.341
#3	5241.275	91264.81	7610.975	4420.158	6704.827

Sample Name: Q2126-17 Acquired: 7/31/2025 18:42:13 Type: Unk
Method: 6010-200.7 NEW(v72) 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	.0203735	.0387668	.0109705	.0213283	.0497291	.1129332	.0988321
Stddev	.0004956	.0023410	.0008674	.0024807	.0010651	.0083356	.0015065
%RSD	2.432511	6.038680	7.906384	11.63081	2.141865	7.380986	1.524306

#1	.0202908	.0362770	.0099721	.0241837	.0503991	.1213886	.0997626
#2	.0199245	.0391002	.0114003	.0197042	.0485009	.1126882	.0996398
#3	.0209053	.0409232	.0115390	.0200970	.0502873	.1047229	.0970940

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0062257	.0055216	2.029062	.0089413	.0286235	.0210974	.1019574
Stddev	.0001022	.0000971	.012096	.0000109	.0002475	.0002962	.0058674
%RSD	1.641032	1.757578	.5961260	.1220312	.8645836	1.403885	5.754768

#1	.0063230	.0055935	2.026355	.0089487	.0283380	.0213196	.0972029
#2	.0062348	.0054112	2.042282	.0089288	.0287769	.0207611	.1001545
#3	.0061193	.0055601	2.018549	.0089465	.0287555	.0212113	.1085147

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0190209	2.041538	.0385321	.0106819	1.912986	.0379853	.0407191
Stddev	.0001899	.024879	.0003316	.0002808	.023086	.0049858	.0003465
%RSD	.9983714	1.218646	.8604383	2.629012	1.206779	13.12565	.8508467

#1	.0191225	2.012811	.0383619	.0107851	1.905912	.0325629	.0410927
#2	.0191384	2.055732	.0383203	.0108964	1.894266	.0423718	.0404084
#3	.0188018	2.056072	.0389142	.0103640	1.938781	.0390211	.0406562

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.962002	.0995320	.1948820	.0368967	.0351611	.3336531	.0215884
Stddev	.039396	.0016093	.0002078	.0002289	.0012099	.0028398	.0017307
%RSD	2.007971	1.616856	.1066350	.6202360	3.440968	.8511313	8.016998

#1	1.980081	.1013869	.1948665	.0368111	.0351695	.3366770	.0234968
#2	1.916811	.0987005	.1946823	.0371560	.0339471	.3332395	.0211482
#3	1.989114	.0985085	.1950970	.0367230	.0363668	.3310427	.0201203

Sample Name: Q2126-17 Acquired: 7/31/2025 18:42:13 Type: Unk
Method: 6010-200.7 NEW(v72) 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	.0183490	.0194041	.0213172
Stddev	.0008917	.0003680	.0001619
%RSD	4.859688	1.896610	.7594434

#1	.0179221	.0189819	.0211437
#2	.0193739	.0196571	.0213437
#3	.0177511	.0195733	.0214643

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5360.689	93096.38	7838.556	4457.333	6914.672
Stddev	11.883	412.79	113.224	14.787	19.385
%RSD	.2216769	.4433984	1.444451	.3317511	.2803489

#1	5359.786	92957.79	7799.839	4466.931	6927.975
#2	5349.283	92770.71	7749.770	4440.304	6892.431
#3	5372.998	93560.62	7966.060	4464.763	6923.612

Sample Name: Q2126-10 Acquired: 7/31/2025 18:46:31 Type: Unk
Method: 6010-200.7 NEW(v72) 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	.0051322	.0080220	.0025106	.0042156	.0091374	.0189989	.0174054
Stddev	.0002824	.0003839	.0011314	.0011161	.0011501	.0016020	.0007233
%RSD	5.503334	4.785580	45.06602	26.47414	12.58711	8.432295	4.155408

#1	.0051739	.0078630	.0012927	.0054163	.0090876	.0208486	.0182055
#2	.0053914	.0077432	.0035289	.0040209	.0080130	.0180921	.0172129
#3	.0048312	.0084599	.0027102	.0032098	.0103116	.0180559	.0167979

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011828	.0011358	.3878247	.0007352	.0054976	.0039370	.0148044
Stddev	.0001078	.0000809	.0095391	.0002037	.0000134	.0002444	.0036670
%RSD	9.111711	7.119628	2.459650	27.70834	.2440568	6.207028	24.76949

#1	.0012826	.0011964	.3882824	.0007214	.0055119	.0041958	.0107944
#2	.0010685	.0011669	.3971268	.0009455	.0054956	.0039051	.0179869
#3	.0011974	.0010440	.3780650	.0005388	.0054852	.0037102	.0156321

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0026301	.3876809	.0073996	.0023624	.3737174	.0053078	.0069195
Stddev	.0003863	.0148289	.0001667	.0005486	.0084159	.0025674	.0001503
%RSD	14.68648	3.825029	2.253231	23.22270	2.251933	48.37055	2.171565

#1	.0021842	.3796470	.0072307	.0023727	.3642131	.0046663	.0070913
#2	.0028431	.4047933	.0075641	.0018087	.3802237	.0031220	.0068549
#3	.0028630	.3786026	.0074040	.0029058	.3767156	.0081352	.0068124

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3985732	.0175650	.0379063	.0062691	.0075239	.0564580	.0061707
Stddev	.0321022	.0006327	.0000971	.0007589	.0020835	.0096420	.0019541
%RSD	8.054273	3.602078	.2561792	12.10587	27.69184	17.07814	31.66807

#1	.3654662	.0176621	.0379660	.0070922	.0097564	.0528659	.0046898
#2	.4295661	.0168894	.0379586	.0061181	.0071842	.0491277	.0054367
#3	.4006874	.0181436	.0377942	.0055971	.0056311	.0673804	.0083855

Sample Name: Q2126-10 Acquired: 7/31/2025 18:46:31 Type: Unk
Method: 6010-200.7 NEW(v72) 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	.0021327	.0019766	.0040793
Stddev	.0011868	.0042606	.0000650
%RSD	55.64915	215.5520	1.594204

#1	.0017176	.0024131	.0040929
#2	.0012092	-.002485	.0041365
#3	.0034713	.006002	.0040086

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5350.686	93160.18	7632.116	4491.879	6933.498
Stddev	2.685	254.52	63.387	17.171	2.525
%RSD	.0501776	.2732019	.8305236	.3822721	.0364231

#1	5350.333	93325.49	7564.807	4472.364	6936.264
#2	5348.196	92867.09	7640.870	4498.604	6931.315
#3	5353.530	93287.97	7690.670	4504.671	6932.915

Sample Name: Q2126-11 Acquired: 7/31/2025 18:50:49 Type: Unk
Method: 6010-200.7 NEW(v72) 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	.0217714	.0384345	.0105515	.0197679	.0500902	.1137071	.0998693
Stddev	.0026092	.0028569	.0002835	.0019355	.0021246	.0112986	.0004214
%RSD	11.98442	7.433262	2.686587	9.790895	4.241531	9.936554	.4219628

#1	.0189524	.0415623	.0102274	.0216126	.0476462	.1104315	.0994663
#2	.0222600	.0377788	.0106737	.0199383	.0511281	.1044082	.1003070
#3	.0241017	.0359625	.0107533	.0177529	.0514964	.1262815	.0998344

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0063753	.0055509	2.031295	.0087694	.0288369	.0215048	.0995205
Stddev	.0000159	.0000411	.017074	.0002173	.0002352	.0001162	.0023638
%RSD	.2494927	.7412786	.8405630	2.478157	.8154936	.5403998	2.375171

#1	.0063844	.0055052	2.031625	.0089795	.0291058	.0214769	.0979676
#2	.0063569	.0055851	2.014057	.0087830	.0287352	.0214050	.1022408
#3	.0063845	.0055624	2.048201	.0085455	.0286697	.0216324	.0983529

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0190150	2.064754	.0386655	.0104101	1.869067	.0363719	.0403120
Stddev	.0001660	.008615	.0002402	.0006782	.002600	.0031967	.0001503
%RSD	.8728084	.4172383	.6211899	6.514627	.1390970	8.788966	.3729239

#1	.0188341	2.060407	.0386167	.0105649	1.872069	.0374303	.0402161
#2	.0190508	2.074676	.0389263	.0096679	1.867561	.0327803	.0404853
#3	.0191602	2.059178	.0384535	.0109976	1.867571	.0389053	.0402346

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.919755	.0999335	.1947005	.0369025	.0376557	.3314750	.0203803
Stddev	.012895	.0000819	.0002892	.0001665	.0005000	.0100223	.0011658
%RSD	.6716834	.0819797	.1485119	.4510622	1.327920	3.023562	5.720082

#1	1.934181	.0999873	.1950343	.0369066	.0376935	.3201095	.0191182
#2	1.915737	.0999740	.1945289	.0370669	.0371379	.3390465	.0206061
#3	1.909348	.0998392	.1945382	.0367341	.0381358	.3352688	.0214167

Sample Name: Q2126-11 Acquired: 7/31/2025 18:50:49 Type: Unk
Method: 6010-200.7 NEW(v72) 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	.0196621	.0185223	.0211785
Stddev	.0021625	.0003096	.0001213
%RSD	10.99853	1.671317	.5726925

#1	.0221592	.0184359	.0210386
#2	.0184285	.0182652	.0212540
#3	.0183987	.0188659	.0212429

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5344.321	92351.43	7610.360	4484.491	6871.241
Stddev	4.810	174.08	8.812	4.169	1.654
%RSD	.0899935	.1884960	.1157849	.0929758	.0240750

#1	5344.183	92528.16	7615.358	4484.232	6871.288
#2	5349.197	92346.01	7600.186	4488.783	6869.564
#3	5339.581	92180.13	7615.537	4480.456	6872.871

Sample Name: PB167019BL Acquired: 7/31/2025 18:55:06 Type: Unk
Method: 6010-200.7 NEW(v72) 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	.0005601	-.000956	-.000194	-.000635	-.001230	.0058105	-.001438
Stddev	.0009392	.001516	.001327	.002264	.000815	.0113047	.000605
%RSD	167.6713	158.6218	683.9861	356.5155	66.26163	194.5566	42.10453

#1	.0011527	.000103	-.000491	.000659	-.002170	-.007220	-.001806
#2	.0010504	-.000277	-.001347	-.003250	-.000729	.011654	-.001768
#3	-.000523	-.002693	.001256	.000685	-.000790	.012997	-.000739

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000209	-.000008	-.011328	-.000904	-.000044	.0000444	-.001468
Stddev	.0000262	.000057	.008070	.000131	.000059	.0000932	.002027
%RSD	125.4502	676.0966	71.24133	14.44362	132.5956	210.0936	138.0960

#1	.0000395	-.000073	-.002012	-.000881	-.000096	-.000055	-.002060
#2	-.000009	.000012	-.016190	-.000786	-.000057	.000130	-.003132
#3	.000032	.000036	-.015781	-.001044	.000020	.000058	.000789

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001636	-.030073	-.000255	.0001720	.0137377	-.004131	-.001372
Stddev	.000451	.023663	.000248	.0000899	.0073484	.003592	.000140
%RSD	27.56514	78.68586	97.39693	52.24937	53.49082	86.95759	10.22298

#1	-.001435	-.055228	-.000079	.0002438	.0167445	-.008279	-.001531
#2	-.002152	-.008256	-.000146	.0000712	.0191058	-.002029	-.001269
#3	-.001320	-.026734	-.000538	.0002009	.0053627	-.002085	-.001315

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0318529	-.002360	.0003861	-.000263	-.002175	-.011130	.0029058
Stddev	.0331223	.000193	.0000804	.000601	.000632	.005185	.0005435
%RSD	103.9850	8.168216	20.83165	228.1589	29.03822	46.58764	18.70328

#1	-.000161	-.002313	.0002988	-.000310	-.002735	-.011464	.0033147
#2	.029738	-.002194	.0004573	.000359	-.001491	-.016141	.0031135
#3	.065982	-.002571	.0004022	-.000840	-.002300	-.005786	.0022891

Sample Name: PB167019BL Acquired: 7/31/2025 18:55:06 Type: Unk
Method: 6010-200.7 NEW(v72) 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	-.001394	-.000122	-.000090
Stddev	.001614	.002390	.000016
%RSD	115.7370	1954.613	17.97887

#1	-.000896	-.000950	-.000076
#2	-.003198	.002572	-.000085
#3	-.000088	-.001989	-.000107

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5353.979	92606.90	7682.807	4498.432	6959.809
Stddev	4.276	175.60	31.360	8.578	9.818
%RSD	.0798659	.1896178	.4081799	.1906826	.1410646

#1	5355.133	92752.21	7716.565	4507.919	6959.920
#2	5349.245	92656.71	7654.582	4496.153	6969.571
#3	5357.560	92411.77	7677.276	4491.224	6949.937

Sample Name: PB167019BS Acquired: 7/31/2025 18:59:25 Type: Unk
Method: 6010-200.7 NEW(v72) 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	.7611704	2.047299	.9283663	1.926354	.8066486	1.997454
Stddev	.0006791	.054197	.0005977	.007263	.0029831	.009369
%RSD	.0892111	2.647256	.0643773	.3770125	.3698146	.4690403

#1	.7609183	2.088024	.9283444	1.920286	.8038849	1.986728
#2	.7606534	2.068087	.9289746	1.934401	.8062499	2.004036
#3	.7619394	1.985785	.9277799	1.924374	.8098110	2.001597

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1993253	.2064477	.1851491	1.017350	.4036835	.1940020
Stddev	.0010780	.0024011	.0003306	.012204	.0002789	.0001588
%RSD	.5408058	1.163045	.1785386	1.199561	.0690935	.0818587

#1	.1984272	.2050573	.1851843	1.006564	.4039844	.1939174
#2	.2005207	.2092202	.1848023	1.014889	.4034336	.1939033
#3	.1990280	.2050656	.1854606	1.030597	.4036324	.1941851

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3082289	2.951223	.2029672	2.020302	.4887751	.0744721
Stddev	.0013136	.012295	.0014482	.029378	.0000952	.0002356
%RSD	.4261645	.4166219	.7135076	1.454128	.0194740	.3163405

#1	.3071338	2.950680	.2016310	2.053908	.4887567	.0742391
#2	.3078675	2.939209	.2045061	2.007509	.4886905	.0747102
#3	.3096853	2.963781	.2027645	1.999490	.4888782	.0744671

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.830198	.3027022	.2053587	9.494348	.3010356	.4093200
Stddev	.017631	.0049653	.0006795	.088242	.0038909	.0002618
%RSD	.6229550	1.640322	.3308772	.9294196	1.292495	.0639661

#1	2.836207	.3007048	.2061145	9.504739	.2988514	.4091235
#2	2.810348	.3083551	.2047982	9.401371	.3055278	.4092193
#3	2.844038	.2990467	.2051635	9.576935	.2987276	.4096172

Sample Name: PB167019BS Acquired: 7/31/2025 18:59:25 Type: Unk
Method: 6010-200.7 NEW(v72) 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	.6829610	.1931330	.8398717	5.632311	F .0000719	.1874389
Stddev	.0007857	.0017789	.0235351	.002655	.0013833	.0034494
%RSD	.1150424	.9210558	2.802231	.0471308	1923.521	1.840294

#1	.6831206	.1913556	.8670276	5.634885	-.000618	.1902023
#2	.6836547	.1949134	.8253876	5.629582	-.000831	.1885413
#3	.6821078	.1931301	.8271999	5.632467	.001665	.1835730

Elem	Sr4077
Units	ppm
Avg	.1984852
Stddev	.0005509
%RSD	.2775689

#1	.1980395
#2	.1991012
#3	.1983149

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5289.522	90981.30	7593.336	4463.956	6684.741
Stddev	16.348	362.18	86.606	20.281	9.338
%RSD	.3090631	.3980810	1.140550	.4543374	.1396933

#1	5307.773	91271.54	7661.194	4473.510	6694.922
#2	5284.573	91096.94	7495.791	4477.695	6676.575
#3	5276.221	90575.42	7623.023	4440.662	6682.727

Sample Name: PB166198BL Acquired: 7/31/2025 19:03:26 Type: Unk
Method: 6010-200.7 NEW(v72) 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	-.000470	-.000666	-.000262	.0006464	.0007386	-.004443	-.001078
Stddev	.001425	.000828	.000883	.0011606	.0017083	.008400	.000268
%RSD	303.0229	124.3279	337.6506	179.5519	231.3041	189.0731	24.89933

#1	-.001186	.000188	.000376	-.000038	-.001053	-.009515	-.001155
#2	-.001395	-.001465	.000109	-.000009	.002349	.005253	-.000780
#3	.001170	-.000721	-.001270	.001986	.000920	-.009066	-.001299

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000383	.0000176	-.014361	-.000774	-.000009	-.000075	.0013563
Stddev	.0000272	.0000380	.010203	.000283	.000078	.000149	.0038420
%RSD	71.07130	216.5328	71.05057	36.53417	855.4425	197.6000	283.2726

#1	.0000636	.0000401	-.006012	-.000964	-.000037	.000093	.0057813
#2	.0000417	.0000389	-.025735	-.000449	.000079	-.000190	-.000581
#3	.0000095	-.000026	-.011336	-.000910	-.000069	-.000129	-.001131

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001337	-.029014	-.000115	.0004426	.0054458	.0005600	-.001406
Stddev	.000188	.019688	.000176	.0003510	.0068075	.0038085	.000129
%RSD	14.04010	67.85615	153.8016	79.31376	125.0051	680.1007	9.183820

#1	-.001120	-.008907	-.000221	.0000392	.0084865	-.003254	-.001374
#2	-.001448	-.048254	-.000212	.0006098	.0102031	.000572	-.001548
#3	-.001442	-.029881	.000089	.0006788	-.002352	.004363	-.001296

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0211567	-.003503	.0000963	-.000416	-.002015	-.009474	.0040163
Stddev	.0326456	.000342	.0001886	.000372	.002749	.009320	.0012307
%RSD	154.3042	9.773043	195.9612	89.43557	136.4135	98.36921	30.64160

#1	-.008646	-.003817	-.000022	-.000273	.001159	-.000603	.0047992
#2	.056048	-.003553	.000314	-.000136	-.003587	-.019186	.0046519
#3	.016069	-.003138	-.000003	-.000838	-.003616	-.008634	.0025978

Sample Name: PB166198BL Acquired: 7/31/2025 19:03:26 Type: Unk
Method: 6010-200.7 NEW(v72) 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	.0009149	-.002171	-.000167
Stddev	.0024444	.002952	.000044
%RSD	267.1782	135.9225	26.06476

#1	-.000039	-.002499	-.000134
#2	-.000909	-.004946	-.000217
#3	.003693	.000930	-.000152

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5259.251	90664.79	7495.519	4421.024	6826.671
Stddev	12.815	147.76	18.319	13.380	8.757
%RSD	.2436664	.1629784	.2443982	.3026553	.1282788

#1	5250.654	90702.03	7514.492	4407.179	6824.336
#2	5273.980	90501.97	7494.130	4422.007	6836.359
#3	5253.119	90790.37	7477.934	4433.886	6819.319

Sample Name: PB166198BS Acquired: 7/31/2025 19:07:44 Type: Unk
Method: 6010-200.7 NEW(v72) 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	.7587229	1.950545	.9252695	1.927742	.8080789	1.994514	.1985820
Stddev	.0038379	.015772	.0019465	.005127	.0031862	.009254	.0013043
%RSD	.5058364	.8086032	.2103741	.2659612	.3942941	.4639973	.6568223

#1	.7596404	1.946113	.9270446	1.928343	.8065963	2.003617	.1976083
#2	.7545095	1.937463	.9231879	1.922340	.8059042	1.985115	.2000640
#3	.7620190	1.968059	.9255760	1.932541	.8117363	1.994812	.1980738

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2082559	.1839288	.9992471	.4020757	.1931587	.3070050	2.940873
Stddev	.0018000	.0005518	.0088766	.0005304	.0002245	.0000827	.040214
%RSD	.8643029	.2999864	.8883282	.1319203	.1162297	.0269290	1.367412

#1	.2074179	.1844887	.9894928	.4023744	.1933838	.3070579	2.957446
#2	.2103221	.1839121	1.001398	.4014632	.1931576	.3069097	2.895021
#3	.2070278	.1833855	1.006851	.4023894	.1929348	.3070473	2.970152

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2035700	2.006173	.4861993	.0754063	2.810278	.2968530	.2065827
Stddev	.0009105	.052792	.0015520	.0002667	.020865	.0015020	.0003113
%RSD	.4472464	2.631493	.3192122	.3536483	.7424571	.5059659	.1506897

#1	.2038987	1.945380	.4877270	.0756898	2.816960	.2985618	.2062233
#2	.2042705	2.032677	.4862467	.0751605	2.786890	.2962553	.2067668
#3	.2025409	2.040463	.4846241	.0753686	2.826983	.2957419	.2067580

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.457064	.3057306	.4048826	.6776995	.1925480	.8375014	5.601290
Stddev	.053779	.0016993	.0003736	.0028231	.0007658	.0152100	.005825
%RSD	.5686609	.5558061	.0922619	.4165747	.3977143	1.816118	.1039987

#1	9.420513	.3045562	.4053133	.6785172	.1921006	.8311306	5.606745
#2	9.431864	.3076791	.4046472	.6800236	.1934322	.8265127	5.601970
#3	9.518816	.3049565	.4046873	.6745578	.1921111	.8548608	5.595154

Sample Name: PB166198BS Acquired: 7/31/2025 19:07:44 Type: Unk
Method: 6010-200.7 NEW(v72) 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	F -.000494	.1867127	.1980132
Stddev	.001618	.0006025	.0003350
%RSD	327.6502	.3226876	.1691928

#1	.001307	.1867434	.1983985
#2	-.001827	.1860954	.1977909
#3	-.000961	.1872992	.1978502

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5320.266	91262.44	7592.917	4453.221	6739.286
Stddev	11.682	289.14	51.641	31.289	17.991
%RSD	.2195805	.3168246	.6801186	.7026259	.2669501

#1	5331.998	91361.67	7623.816	4468.494	6743.169
#2	5308.634	91488.89	7533.301	4473.941	6719.671
#3	5320.167	90936.74	7621.635	4417.228	6755.018

Sample Name: CCV06 Acquired: 7/31/2025 19:18:38 Type: Unk
Method: 6010-200.7 NEW(v72) 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	4.923753	5.146563	4.824348	4.966125	4.946728	9.705238	9.708436
Stddev	.008465	.134622	.023657	.008130	.007079	.046434	.266730
%RSD	.1719308	2.615771	.4903722	.1637075	.1431114	.4784431	2.747403

#1	4.922842	5.299098	4.809389	4.964930	4.938610	9.707158	9.790987
#2	4.915780	5.096236	4.812032	4.958659	4.951619	9.750683	9.924132
#3	4.932637	5.044354	4.851622	4.974787	4.949954	9.657874	9.410190

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2439308	2.420030	24.10690	1.006532	2.419669	1.225832	5.005965
Stddev	.0046114	.009896	.22120	.002594	.008304	.003733	.043985
%RSD	1.890469	.4089069	.9175802	.2577325	.3432061	.3044874	.8786504

#1	.2437910	2.416593	24.12679	1.004634	2.415336	1.222994	4.990867
#2	.2486106	2.412311	24.31749	1.005475	2.414427	1.224443	4.971517
#3	.2393909	2.431186	23.87643	1.009488	2.429244	1.230060	5.055511

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.436066	24.30845	2.435855	1.231533	24.30217	2.458115	2.479151
Stddev	.015652	.16513	.007462	.000512	.37764	.010656	.006177
%RSD	.6425203	.6793138	.3063536	.0415861	1.553928	.4334987	.2491587

#1	2.434242	24.24194	2.430930	1.231619	24.25410	2.452627	2.485474
#2	2.452550	24.49646	2.432195	1.230983	23.95086	2.470396	2.478847
#3	2.421405	24.18694	2.444441	1.231996	24.70154	2.451321	2.473132

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.37445	4.906643	4.925423	4.892468	4.830382	4.884381	4.977011
Stddev	.30378	.091565	.006656	.011121	.021250	.070616	.015273
%RSD	1.246302	1.866142	.1351298	.2273006	.4399176	1.445757	.3068676

#1	24.40742	4.906469	4.922595	4.888945	4.811738	4.858932	4.986581
#2	24.05553	4.998295	4.920648	4.883535	4.853519	4.830017	4.959397
#3	24.66040	4.815166	4.933026	4.904923	4.825889	4.964195	4.985054

Sample Name: CCV06 Acquired: 7/31/2025 19:18:38 Type: Unk
Method: 6010-200.7 NEW(v72) 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	4.903926	4.816022	4.950611
Stddev	.015027	.018584	.046714
%RSD	.3064229	.3858740	.9436086

#1	4.914682	4.799084	4.916539
#2	4.886757	4.835901	5.003863
#3	4.910339	4.813081	4.931431

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5130.815	87732.57	7646.025	4319.236	6140.290
Stddev	15.493	43.21	140.809	16.295	24.398
%RSD	.3019606	.0492567	1.841596	.3772637	.3973479

#1	5138.363	87694.62	7648.481	4304.012	6150.676
#2	5141.087	87779.61	7504.004	4317.273	6157.776
#3	5112.994	87723.49	7785.589	4336.424	6112.417

Sample Name: CCB06 Acquired: 7/31/2025 19:22:47 Type: Unk
Method: 6010-200.7 NEW(v72) 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	.0012971	.0001561	.0001465	.0015138	-.000401	.0002104	-.002453
Stddev	.0005917	.0020945	.0011059	.0035427	.000149	.0050237	.000475
%RSD	45.61749	1341.596	755.1085	234.0332	37.24916	2387.088	19.38400

#1	.0013710	-.002055	.0008875	.0028394	-.000229	-.003443	-.002433
#2	.0006719	.002111	-.001125	-.002501	-.000484	.005939	-.002938
#3	.0018483	.000413	.000677	.004203	-.000491	-.001865	-.001987

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000316	.0001937	-.019443	-.000756	.0001035	-.000091	-.005406
Stddev	.0000291	.0000661	.006156	.000170	.0000684	.000534	.006952
%RSD	92.01503	34.12923	31.66257	22.49924	66.11409	586.5161	128.6041

#1	.0000568	.0002405	-.017731	-.000945	.0000923	.000525	-.010781
#2	.0000383	.0001181	-.026274	-.000614	.0000414	-.000376	.002445
#3	-.000000	.0002225	-.014324	-.000711	.0001768	-.000422	-.007881

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001431	-.027436	-.000241	-.000093	.0206700	-.001493	-.001190
Stddev	.000499	.022561	.000426	.000180	.0112123	.001965	.000118
%RSD	34.83722	82.23324	177.1414	194.2450	54.24431	131.6720	9.918431

#1	-.001514	-.011368	-.000724	-.000280	.0079947	-.002235	-.001324
#2	-.000896	-.053229	-.000079	.000078	.0247234	.000736	-.001145
#3	-.001883	-.017711	.000081	-.000075	.0292920	-.002978	-.001101

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0617543	.0015407	.0012997	.0000466	-.002980	-.003404	.0028739
Stddev	.0083973	.0006277	.0002520	.0001970	.000360	.002916	.0003070
%RSD	13.59797	40.73797	19.38448	423.1806	12.08430	85.66220	10.68268

#1	.0700742	.0020993	.0013917	.0002118	-.002651	-.000415	.0028035
#2	.0532816	.0008615	.0014928	.0000994	-.002924	-.006240	.0026082
#3	.0619070	.0016614	.0010147	-.000171	-.003365	-.003556	.0032100

Sample Name: CCB06 Acquired: 7/31/2025 19:22:47 Type: Unk
Method: 6010-200.7 NEW(v72) 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	.0000516	-.000553	.0000590
Stddev	.0009003	.000133	.0000254
%RSD	1744.505	23.95954	42.93292

#1	.0002448	-.000606	.0000423
#2	-.000930	-.000651	.0000466
#3	.000840	-.000402	.0000882

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5400.529	93673.06	7899.696	4562.524	7033.761
Stddev	5.187	13.04	98.649	7.654	9.426
%RSD	.0960471	.0139251	1.248765	.1677602	.1340155

#1	5395.389	93688.06	7793.676	4553.864	7043.929
#2	5400.437	93664.36	7988.781	4568.384	7032.040
#3	5405.762	93666.76	7916.630	4565.322	7025.313

Sample Name: PB167652BL Acquired: 7/31/2025 19:27:05 Type: Unk
Method: 6010-200.7 NEW(v72) 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	.0013337	-.000743	.0003093	.0012281	-.001578	.0018697	-.002226
Stddev	.0002410	.000705	.0006609	.0033381	.000484	.0070867	.000731
%RSD	18.06727	94.92466	213.6905	271.7973	30.67510	379.0264	32.82148

#1	.0014230	.000050	-.000411	-.001192	-.001061	-.004525	-.003039
#2	.0010608	-.001299	.000451	.005036	-.002021	.009489	-.001624
#3	.0015172	-.000980	.000888	-.000160	-.001653	.000645	-.002015

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000009	.0000043	-.021259	-.000912	.0000397	.0000721	.0042591
Stddev	.000014	.0000770	.006562	.000100	.0000189	.0001905	.0028597
%RSD	155.4841	1808.348	30.86513	10.98583	47.56672	264.2820	67.14501

#1	-.000008	-.000084	-.028818	-.000868	.0000568	-.000129	.0025549
#2	.000005	.000053	-.017928	-.000841	.0000195	.000250	.0075607
#3	-.000023	.000045	-.017031	-.001026	.0000427	.000094	.0026617

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001123	-.025319	-.000041	.0001599	-.005021	.0002914	-.001251
Stddev	.000023	.014650	.000267	.0004490	.000821	.0012554	.000240
%RSD	2.023610	57.86181	655.7740	280.8109	16.35022	430.8737	19.17921

#1	-.001148	-.010846	.000265	.0005618	-.004078	-.000796	-.001121
#2	-.001114	-.040140	-.000160	-.000325	-.005412	.000005	-.001528
#3	-.001106	-.024970	-.000227	.000243	-.005574	.001665	-.001105

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0259774	-.000369	.0004013	-.000544	-.003178	-.008410	.0031931
Stddev	.0391153	.000538	.0000803	.000404	.001631	.007956	.0013438
%RSD	150.5742	145.8607	20.01358	74.24533	51.30201	94.60805	42.08524

#1	.0024722	-.000177	.0003468	-.000747	-.003423	-.004825	.0017869
#2	.0711312	.000047	.0003635	-.000079	-.001439	-.017528	.0044643
#3	.0043289	-.000976	.0004935	-.000808	-.004673	-.002877	.0033282

Sample Name: PB167652BL Acquired: 7/31/2025 19:27:05 Type: Unk
Method: 6010-200.7 NEW(v72) 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	-.000025	.0007463	-.000013
Stddev	.002193	.0031532	.000064
%RSD	8638.431	422.5197	490.6072

#1	.000603	-.002456	-.000082
#2	.001785	.000847	-.000002
#3	-.002464	.003848	.000045

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5367.721	92815.14	7769.985	4525.748	6974.081
Stddev	11.544	120.33	32.685	8.821	16.271
%RSD	.2150554	.1296426	.4206546	.1949084	.2333003

#1	5357.444	92950.13	7789.932	4523.052	6955.868
#2	5380.211	92719.15	7732.265	4518.590	6979.196
#3	5365.508	92776.14	7787.758	4535.602	6987.180

Sample Name: PB167652BS Acquired: 7/31/2025 19:31:25 Type: Unk
Method: 6010-200.7 NEW(v72) 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	.7623472	1.942276	.9289961	1.932263	.8225829	2.002667	.1994510
Stddev	.0040610	.014795	.0025901	.003709	.0014935	.005404	.0007630
%RSD	.5327027	.7617330	.2788110	.1919594	.1815620	.2698312	.3825722

#1	.7585771	1.945035	.9289490	1.936486	.8238857	2.001416	.1999230
#2	.7666471	1.926296	.9264299	1.929534	.8229101	1.997998	.1998593
#3	.7618174	1.955497	.9316095	1.930768	.8209530	2.008586	.1985707

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2065940	.1848564	1.003237	.4028445	.1943672	.3079399	2.952899
Stddev	.0013459	.0003535	.017947	.0011806	.0004341	.0008836	.010053
%RSD	.6514869	.1912457	1.788892	.2930702	.2233439	.2869447	.3404325

#1	.2077947	.1849398	1.018623	.4041331	.1945718	.3069481	2.941332
#2	.2068482	.1844686	1.007568	.4018149	.1938686	.3082284	2.959524
#3	.2051391	.1851608	.983521	.4025854	.1946612	.3086432	2.957841

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2020031	2.002524	.4881759	.0756081	2.872474	.2996993	.2080677
Stddev	.0005797	.029095	.0011242	.0002931	.015668	.0012810	.0004843
%RSD	.2869624	1.452907	.2302912	.3876499	.5454385	.4274158	.2327868

#1	.2026698	1.973880	.4880666	.0759047	2.872383	.2996923	.2084907
#2	.2017212	2.001642	.4871103	.0756009	2.856851	.3009837	.2075393
#3	.2016182	2.032049	.4893508	.0753187	2.888186	.2984218	.2081730

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.532559	.3048731	.4132680	.6910888	.1953231	.8712261	5.642019
Stddev	.024411	.0020712	.0002913	.0014812	.0005227	.0071421	.003116
%RSD	.2560784	.6793765	.0704864	.2143262	.2675969	.8197716	.0552371

#1	9.504385	.3068555	.4129477	.6900385	.1950224	.8657808	5.644794
#2	9.545921	.3050406	.4133391	.6904449	.1959267	.8685849	5.638647
#3	9.547373	.3027232	.4135171	.6927829	.1950203	.8793125	5.642617

Sample Name: PB167652BS Acquired: 7/31/2025 19:31:25 Type: Unk
Method: 6010-200.7 NEW(v72) 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	F -.001386	.1891448	.1985462
Stddev	.000438	.0012800	.0003931
%RSD	31.58477	.6767251	.1979746

#1	-.001194	.1895381	.1989725
#2	-.001078	.1877143	.1984682
#3	-.001888	.1901820	.1981980

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5336.111	91447.77	7682.092	4447.730	6748.120
Stddev	7.353	315.84	54.458	14.155	9.116
%RSD	.1377974	.3453826	.7088922	.3182414	.1350887

#1	5344.109	91167.19	7619.840	4448.613	6754.797
#2	5334.580	91789.84	7705.527	4461.423	6751.827
#3	5329.643	91386.29	7720.909	4433.155	6737.734

Sample Name: PB169107BL Acquired: 7/31/2025 19:35:24 Type: Unk
Method: 6010-200.7 NEW(v72) 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	.0012055	-.001563	-.000032	.0023408	-.001088	-.002781	-.001972
Stddev	.0026531	.000765	.000502	.0017203	.001441	.003313	.000777
%RSD	220.0879	48.95341	1591.671	73.49176	132.4615	119.1431	39.41859

#1	.0016557	-.000773	-.000320	.0019863	-.002724	-.006217	-.001347
#2	-.001644	-.001617	.000549	.0008254	-.000538	.000395	-.002842
#3	.003605	-.002300	-.000323	.0042108	-.000003	-.002521	-.001726

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000008	.0000607	-.012375	-.001029	-.000021	-.000108	-.001669
Stddev	.000043	.0000417	.004381	.000245	.000017	.000102	.003168
%RSD	534.6354	68.64243	35.40418	23.78025	78.58486	95.21128	189.8207

#1	.000006	.0000126	-.007862	-.000752	-.000023	-.000213	-.004122
#2	-.000056	.0000856	-.016612	-.001217	-.000004	-.000102	.001908
#3	.000026	.0000840	-.012651	-.001117	-.000037	-.000008	-.002792

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001608	-.014035	-.000290	.0001560	-.031612	-.002791	-.001400
Stddev	.000128	.010607	.000352	.0003604	.003515	.003576	.000125
%RSD	7.930134	75.57808	121.1891	230.9835	11.11981	128.1300	8.915220

#1	-.001470	-.003158	-.000466	.0002381	-.029958	-.004554	-.001397
#2	-.001721	-.024351	-.000520	-.000238	-.035650	-.005142	-.001276
#3	-.001635	-.014596	.000115	.000468	-.029230	.001324	-.001526

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0157543	-.002312	.0001957	-.001132	-.003459	-.006571	.0022751
Stddev	.0268378	.000896	.0002663	.000367	.003376	.011968	.0031289
%RSD	170.3521	38.76379	136.0514	32.42854	97.62008	182.1369	137.5251

#1	.0085414	-.003163	.0004991	-.000737	-.006823	.006087	.0055275
#2	-.006740	-.001376	.0000876	-.001197	-.003482	-.008098	.0020115
#3	.045462	-.002397	.0000005	-.001463	-.000071	-.017703	-.000714

Sample Name: PB169107BL Acquired: 7/31/2025 19:35:24 Type: Unk
Method: 6010-200.7 NEW(v72) 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	-.002637	-.001754	-.000087
Stddev	.002348	.002448	.000048
%RSD	89.04673	139.5316	54.69924
#1	-.005116	-.002915	-.000044
#2	-.000448	.001058	-.000080
#3	-.002345	-.003406	-.000139

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5363.143	91951.30	7596.189	4502.673	6940.710
Stddev	15.403	778.35	36.168	27.338	18.852
%RSD	.2871941	.8464772	.4761313	.6071536	.2716186
#1	5366.330	91176.08	7635.325	4472.856	6945.701
#2	5376.702	91945.09	7589.246	4508.603	6956.565
#3	5346.396	92732.74	7563.996	4526.559	6919.865

Sample Name: PB169107BS Acquired: 7/31/2025 19:39:43 Type: Unk
Method: 6010-200.7 NEW(v72) 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	.7750923	2.075073	.9458402	1.966506	.8080050	2.034204	.2031401
Stddev	.0034162	.080506	.0071555	.018057	.0071874	.004789	.0010107
%RSD	.4407484	3.879655	.7565206	.9182142	.8895284	.2354227	.4975533

#1	.7774874	2.057432	.9504982	1.974542	.8108916	2.029003	.2023181
#2	.7766093	2.162936	.9494212	1.979150	.8133003	2.038432	.2042686
#3	.7711803	2.004850	.9376012	1.945826	.7998230	2.035178	.2028335

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2087785	.1890391	1.035041	.4144967	.1981409	.3133387	3.021988
Stddev	.0010236	.0017281	.012271	.0005297	.0014812	.0024389	.010043
%RSD	.4902925	.9141322	1.185558	.1277824	.7475339	.7783532	.3323205

#1	.2092902	.1899080	1.042100	.4149702	.1989137	.3140820	3.021410
#2	.2094454	.1901603	1.042151	.4139247	.1990759	.3153194	3.012248
#3	.2075999	.1870490	1.020872	.4145950	.1964331	.3106146	3.032308

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2060798	2.042698	.4980189	.0761800	2.920846	.3097267	.2104262
Stddev	.0008922	.029732	.0035661	.0001371	.021659	.0029834	.0008190
%RSD	.4329414	1.455539	.7160559	.1799331	.7415198	.9632206	.3892149

#1	.2050870	2.037259	.5001536	.0760411	2.906309	.3129982	.2095510
#2	.2068145	2.074774	.5000011	.0763152	2.910490	.3090253	.2105534
#3	.2063380	2.016060	.4939021	.0761836	2.945738	.3071565	.2111741

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.706940	.3050209	.4078509	.6871789	.1939113	.8598691	5.769129
Stddev	.020305	.0003119	.0034944	.0061549	.0013309	.0112127	.058130
%RSD	.2091780	.1022607	.8567858	.8956704	.6863404	1.303997	1.007596

#1	9.712082	.3049563	.4089982	.6903561	.1925365	.8701130	5.790325
#2	9.724180	.3053601	.4106275	.6910959	.1940040	.8616044	5.813687
#3	9.684559	.3047464	.4039271	.6800847	.1951934	.8478899	5.703376

Sample Name: PB169107BS Acquired: 7/31/2025 19:39:43 Type: Unk
Method: 6010-200.7 NEW(v72) 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	F -.001943	.1940688	.2024630
Stddev	.002821	.0002425	.0004987
%RSD	145.1946	.1249578	.2463437

#1	-.002080	.1940237	.2026213
#2	-.004694	.1938521	.2028633
#3	.000944	.1943308	.2019043

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5270.748	90161.57	7597.129	4443.158	6642.333
Stddev	30.487	393.50	59.956	19.043	47.434
%RSD	.5784280	.4364341	.7891902	.4286026	.7141151

#1	5252.450	89924.78	7573.005	4455.551	6613.151
#2	5253.851	89944.12	7552.992	4421.230	6616.782
#3	5305.942	90615.80	7665.389	4452.692	6697.064

Sample Name: PB168166BL Acquired: 7/31/2025 19:43:44 Type: Unk
Method: 6010-200.7 NEW(v72) 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	-.000577	-.000086	-.000299	-.000733	-.002532	-.006378	-.001785
Stddev	.000787	.001389	.001067	.001421	.001561	.009839	.000823
%RSD	136.4301	1608.896	357.4247	193.9044	61.66640	154.2463	46.13609

#1	-.000292	-.001643	-.001416	-.000073	-.002225	.001037	-.002137
#2	-.001466	.001027	-.000189	.000238	-.001147	-.002633	-.000844
#3	.000028	.000357	.000709	-.002364	-.004224	-.017540	-.002374

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000002	.0000280	-.011237	-.000830	.0000597	-.000035	-.001273
Stddev	.000021	.0000451	.010232	.000249	.0000648	.000167	.003925
%RSD	943.3697	161.2461	91.05815	29.98084	108.5709	483.7497	308.2096

#1	.000021	-.000015	-.023050	-.000620	.0001341	-.000202	-.004662
#2	-.000007	.000075	-.005508	-.001105	.0000292	-.000033	-.002185
#3	-.000020	.000024	-.005152	-.000766	.0000158	.000132	.003027

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001428	-.016018	-.000331	.0001117	-.027908	.0008076	-.001374
Stddev	.000432	.012134	.000110	.0002086	.006543	.0032648	.000095
%RSD	30.26215	75.75243	33.12175	186.6900	23.44450	404.2692	6.904561

#1	-.001360	-.002839	-.000423	.0000854	-.034881	.0011178	-.001298
#2	-.001891	-.026727	-.000360	-.000082	-.026941	.0039062	-.001343
#3	-.001034	-.018486	-.000210	.000332	-.021903	-.002601	-.001480

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.006597	-.001862	.0000607	-.001022	-.001776	-.013686	.0024388
Stddev	.032116	.000482	.0001058	.000567	.002572	.003807	.0009283
%RSD	486.8504	25.89102	174.2658	55.53249	144.7950	27.81392	38.06549

#1	-.012462	-.001640	-.000055	-.000478	-.001785	-.013982	.0017028
#2	-.035376	-.001531	.000084	-.000977	-.004344	-.017336	.0021318
#3	.028048	-.002415	.000153	-.001610	.000800	-.009740	.0034817

Sample Name: PB168166BL Acquired: 7/31/2025 19:43:44 Type: Unk
Method: 6010-200.7 NEW(v72) 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	.0002213	-.001665	-.000073
Stddev	.0022717	.003189	.000130
%RSD	1026.510	191.4991	178.3284

#1	.0008061	.001905	-.000174
#2	.0021434	-.004232	.000073
#3	-.002286	-.002669	-.000117

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5358.766	92484.08	7692.344	4514.841	6962.115
Stddev	10.812	251.99	43.003	4.231	17.445
%RSD	.2017671	.2724652	.5590321	.0937158	.2505726

#1	5351.687	92386.79	7695.997	4519.585	6957.221
#2	5353.399	92770.20	7647.631	4513.480	6947.639
#3	5371.212	92295.23	7733.403	4511.457	6981.484

Sample Name: PB168166BS Acquired: 7/31/2025 19:48:04 Type: Unk
Method: 6010-200.7 NEW(v72) 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	.7730720	2.093379	.9437529	1.976328	.8265224	2.017255	.2008357
Stddev	.0019265	.039058	.0026653	.005728	.0025610	.010861	.0001778
%RSD	.2492039	1.865790	.2824173	.2898519	.3098533	.5383900	.0885230

#1	.7708918	2.091548	.9450751	1.976510	.8281289	2.029126	.2010410
#2	.7737792	2.133321	.9406849	1.981963	.8278693	2.014822	.2007312
#3	.7745449	2.055269	.9454985	1.970511	.8235690	2.007817	.2007349

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2061199	.1879472	1.005465	.4130750	.1971000	.3130312	3.033751
Stddev	.0027375	.0003291	.002719	.0025021	.0005697	.0005858	.028232
%RSD	1.328114	.1751260	.2703830	.6057370	.2890267	.1871295	.9305867

#1	.2075174	.1881551	1.007118	.4131215	.1972311	.3124170	3.010972
#2	.2078767	.1875677	1.006951	.4105499	.1964762	.3130929	3.024945
#3	.2029657	.1881188	1.002328	.4155535	.1975927	.3135837	3.065336

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2047596	1.999647	.4951170	.0760646	2.929813	.3016605	.2101520
Stddev	.0011876	.026439	.0018334	.0006827	.038497	.0036584	.0007066
%RSD	.5800197	1.322199	.3702917	.8975346	1.313979	1.212750	.3362177

#1	.2042407	1.969118	.4953666	.0766867	2.918232	.3015849	.2093362
#2	.2061185	2.015038	.4931717	.0753342	2.898436	.3053561	.2105730
#3	.2039198	2.014786	.4968128	.0761728	2.972771	.2980405	.2105466

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.742326	.3033359	.4163227	.7009573	.1959180	.8843874	5.779525
Stddev	.084019	.0035091	.0010960	.0004276	.0013819	.0161840	.020431
%RSD	.8624167	1.156848	.2632532	.0610052	.7053367	1.829973	.3535050

#1	9.698340	.3053798	.4150572	.7004693	.1950296	.8688469	5.802610
#2	9.689432	.3053440	.4169587	.7012666	.1975101	.8831691	5.763772
#3	9.839207	.2992840	.4169523	.7011359	.1952143	.9011461	5.772194

Sample Name: PB168166BS Acquired: 7/31/2025 19:48:04 Type: Unk
Method: 6010-200.7 NEW(v72) 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	F -.000632	.1915330	.2003698
Stddev	.001869	.0020284	.0003916
%RSD	295.6615	1.059035	.1954196

#1	.001521	.1920464	.2003987
#2	-.001829	.1932555	.2007462
#3	-.001588	.1892973	.1999646

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5237.845	89625.44	7662.002	4440.953	6616.587
Stddev	14.454	339.37	48.056	6.997	2.608
%RSD	.2759461	.3786544	.6271980	.1575597	.0394135

#1	5251.802	89693.65	7634.009	4448.029	6618.650
#2	5222.942	89925.52	7634.506	4440.791	6617.455
#3	5238.791	89257.14	7717.492	4434.038	6613.656

Sample Name: PB169108BL Acquired: 7/31/2025 19:52:04 Type: Unk
Method: 6010-200.7 NEW(v72) 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	.0009968	.0000425	-.000171	.0016715	-.001094	.0005477	-.002453
Stddev	.0005652	.0004818	.000599	.0016895	.001530	.0065200	.000823
%RSD	56.70682	1132.648	349.7983	101.0798	139.9385	1190.370	33.54383

#1	.0016485	-.000229	-.000856	-.000261	-.001996	.0053030	-.002544
#2	.0006396	-.000242	.000088	.002869	-.001957	.0032248	-.003227
#3	.0007023	.000599	.000255	.002407	.000673	-.006885	-.001589

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000280	-.000011	-.014074	-.000603	.0000453	.0002307	-.003688
Stddev	.0000305	.000046	.008693	.000109	.0001134	.0003608	.003728
%RSD	108.8000	405.1748	61.76326	17.99487	250.4035	156.3854	101.0842

#1	.0000041	-.000065	-.014176	-.000479	-.000002	.0000779	-.006484
#2	.0000624	.000009	-.022715	-.000681	.000175	-.000029	.000545
#3	.0000176	.000021	-.005331	-.000649	-.000036	.000643	-.005125

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001555	-.027341	-.000317	.0002286	-.038284	.0015350	-.001405
Stddev	.000484	.010136	.000263	.0001639	.005486	.0020909	.000118
%RSD	31.12036	37.07318	83.10675	71.67511	14.33078	136.2132	8.420730

#1	-.002100	-.016113	-.000502	.0003769	-.043448	.0033417	-.001315
#2	-.001177	-.030093	-.000015	.0002564	-.032524	-.000755	-.001362
#3	-.001387	-.035818	-.000433	.0000527	-.038879	.002019	-.001539

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.018848	-.002652	.0000669	-.000988	-.003645	-.009592	.0021775
Stddev	.011195	.000208	.0003332	.000493	.000127	.004160	.0015832
%RSD	59.39634	7.839953	497.9127	49.86686	3.474232	43.37014	72.70635

#1	-.031724	-.002419	-.000253	-.000967	-.003515	-.006780	.0020072
#2	-.011410	-.002717	.000412	-.000507	-.003768	-.014371	.0006864
#3	-.013411	-.002820	.000042	-.001492	-.003652	-.007626	.0038390

Sample Name: PB169108BL Acquired: 7/31/2025 19:52:04 Type: Unk
Method: 6010-200.7 NEW(v72) 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	-.003021	-.002864	-.000055
Stddev	.002883	.002216	.000122
%RSD	95.42662	77.37400	220.7302

#1	-.002453	-.004674	-.000164
#2	-.000464	-.003525	.000076
#3	-.006145	-.000393	-.000077

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5374.150	92822.39	7714.298	4569.673	6949.559
Stddev	9.316	155.25	42.076	7.032	11.578
%RSD	.1733461	.1672525	.5454348	.1538812	.1665983

#1	5376.237	92678.57	7714.084	4564.348	6955.185
#2	5382.246	92801.62	7756.481	4567.027	6957.248
#3	5363.968	92986.97	7672.329	4577.644	6936.243

Sample Name: PB169108BS Acquired: 7/31/2025 19:56:23 Type: Unk
Method: 6010-200.7 NEW(v72) 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	.7498119	1.986150	.9181429	1.911242	.8041454	1.966795	.1949720
Stddev	.0031179	.009494	.0032353	.005084	.0023723	.007855	.0007039
%RSD	.4158193	.4780311	.3523777	.2660162	.2950108	.3993593	.3610503

#1	.7466063	1.994149	.9191045	1.906411	.8025357	1.975134	.1941840
#2	.7499954	1.975658	.9145358	1.910769	.8030308	1.965715	.1955389
#3	.7528339	1.988644	.9207884	1.916547	.8068698	1.959536	.1951930

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2024059	.1832103	.9991125	.4004208	.1920749	.3046450	2.920033
Stddev	.0008427	.0007425	.0018789	.0010223	.0007587	.0003324	.014100
%RSD	.4163642	.4052673	.1880591	.2553053	.3950204	.1091261	.4828669

#1	.2020442	.1834535	1.000441	.3998944	.1921803	.3046347	2.910150
#2	.2018043	.1823767	.996963	.3997690	.1912690	.3043178	2.936180
#3	.2033691	.1838007	.999934	.4015990	.1927754	.3049824	2.913770

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1989034	1.974331	.4824763	.0739851	2.806133	.2958829	.2039078
Stddev	.0010525	.015417	.0017907	.0000747	.019321	.0002529	.0003191
%RSD	.5291686	.7808525	.3711390	.1009092	.6885162	.0854845	.1565096

#1	.1981141	1.972973	.4827337	.0740521	2.795971	.2957392	.2038944
#2	.1984977	1.990382	.4805709	.0739046	2.828414	.2957346	.2035955
#3	.2000984	1.959639	.4841243	.0739987	2.794014	.2961750	.2042334

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.351323	.2973526	.4056826	.6794928	.1899590	.8422879	5.612969
Stddev	.012897	.0017887	.0009729	.0032030	.0018097	.0197796	.033232
%RSD	.1379148	.6015404	.2398263	.4713846	.9526561	2.348315	.5920581

#1	9.352363	.2978093	.4050578	.6805313	.1879201	.8629082	5.613534
#2	9.337938	.2953799	.4051865	.6758993	.1913748	.8234728	5.579458
#3	9.363669	.2988687	.4068036	.6820476	.1905820	.8404828	5.645915

Sample Name: PB169108BS Acquired: 7/31/2025 19:56:23 Type: Unk
Method: 6010-200.7 NEW(v72) 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	F -.004176	.1863729	.1947085
Stddev	.000430	.0007210	.0002034
%RSD	10.28790	.3868700	.1044508

#1	-.004205	.1867873	.1947424
#2	-.004591	.1867911	.1944904
#3	-.003733	.1855404	.1948929

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5357.799	92194.11	7761.581	4537.990	6764.219
Stddev	12.117	55.03	29.900	6.671	5.786
%RSD	.2261622	.0596867	.3852299	.1470057	.0855323

#1	5369.837	92131.12	7755.811	4544.971	6770.868
#2	5345.604	92218.36	7793.946	4537.320	6761.456
#3	5357.958	92232.85	7734.987	4531.679	6760.333

Sample Name: CCV07 Acquired: 7/31/2025 20:00:24 Type: Unk
Method: 6010-200.7 NEW(v72) 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	4.965874	5.088343	4.880577	5.012768	5.010522	9.824201	9.779648
Stddev	.016244	.085934	.014959	.012015	.014692	.018925	.165275
%RSD	.3271164	1.688843	.3065013	.2396977	.2932252	.1926411	1.689993

#1	4.959587	5.080330	4.876454	4.998897	4.993897	9.811111	9.970265
#2	4.953714	5.178003	4.868111	5.019972	5.021759	9.815592	9.676285
#3	4.984323	5.006696	4.897164	5.019435	5.015910	9.845901	9.692394

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2427285	2.454096	24.17267	1.030086	2.462148	1.244576	5.153097
Stddev	.0045202	.010424	.13675	.002991	.008879	.004239	.074159
%RSD	1.862239	.4247754	.5657072	.2903440	.3606314	.3405802	1.439115

#1	.2479472	2.453101	24.31632	1.026721	2.460369	1.242508	5.068949
#2	.2400426	2.444205	24.04407	1.032441	2.454293	1.241768	5.181432
#3	.2401957	2.464982	24.15763	1.031096	2.471782	1.249452	5.208912

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.450026	24.45229	2.471960	1.250709	25.23803	2.476652	2.528899
Stddev	.010091	.13509	.010169	.003714	.42530	.009616	.006692
%RSD	.4118821	.5524726	.4113629	.2969905	1.685150	.3882856	.2646018

#1	2.453608	24.50143	2.470431	1.254402	24.74725	2.477011	2.535123
#2	2.438632	24.29951	2.462642	1.250751	25.46809	2.466861	2.529750
#3	2.457837	24.55593	2.482806	1.246973	25.49873	2.486084	2.521822

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.08456	4.864227	4.997879	4.958817	4.872118	5.053610	5.011120
Stddev	.32537	.092615	.009958	.017631	.014582	.076762	.018125
%RSD	1.297087	1.904001	.1992380	.3555425	.2993041	1.518963	.3617012

#1	24.70902	4.971123	4.988861	4.955480	4.868890	4.967355	4.999676
#2	25.28185	4.808049	4.996209	4.943094	4.859420	5.079061	5.001666
#3	25.26281	4.813509	5.008566	4.977878	4.888044	5.114415	5.032018

Sample Name: CCV07 Acquired: 7/31/2025 20:00:24 Type: Unk
Method: 6010-200.7 NEW(v72) 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	4.937088	4.923044	4.902078
Stddev	.012259	.027817	.054004
%RSD	.2483007	.5650369	1.101646

#1	4.946708	4.899350	4.918210
#2	4.923285	4.916110	4.841847
#3	4.941270	4.953672	4.946177

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5090.971	86655.00	7717.012	4276.510	6091.496
Stddev	12.843	344.48	83.564	7.795	22.386
%RSD	.2522749	.3975262	1.082857	.1822664	.3674975

#1	5101.530	87051.11	7621.345	4285.342	6099.513
#2	5094.711	86425.51	7775.749	4270.593	6108.769
#3	5076.673	86488.39	7753.943	4273.596	6066.205

Sample Name: CCB07 Acquired: 7/31/2025 20:04:34 Type: Unk
Method: 6010-200.7 NEW(v72) 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	-.000677	.0005179	.0004028	.0027611	-.000818	.0021647	-.001914
Stddev	.000607	.0009212	.0006943	.0020140	.000165	.0086250	.001771
%RSD	89.76323	177.8780	172.3984	72.94303	20.13737	398.4469	92.49320

#1	-.001090	.0003609	.0010280	.0010444	-.000862	.0098026	-.002306
#2	.000021	-.000315	-.000345	.0049781	-.000636	-.007189	-.003457
#3	-.000961	.001508	.000525	.0022608	-.000957	.003881	.000019

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000051	.0000866	-.019655	-.001017	.0000746	.0000275	-.007883
Stddev	.0000385	.0000439	.005416	.000041	.0001471	.0001380	.004462
%RSD	747.9629	50.75735	27.55423	4.024123	197.2967	502.1430	56.59943

#1	.0000367	.0001020	-.016824	-.000981	.0001058	.0001111	-.009347
#2	-.000038	.0000370	-.025900	-.001061	.0002035	-.000132	-.011429
#3	.000016	.0001207	-.016242	-.001008	-.000086	.000103	-.002873

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001749	-.026288	-.000262	.0000510	-.009446	.0015435	-.001051
Stddev	.000154	.012585	.000351	.0005337	.013630	.0011384	.000062
%RSD	8.795691	47.87414	133.6963	1046.266	144.2925	73.75406	5.943422

#1	-.001590	-.022061	-.000148	.0006666	.006271	.0011194	-.001082
#2	-.001897	-.016360	-.000656	-.000282	-.016590	.0006780	-.000979
#3	-.001760	-.040442	.000017	-.000231	-.018020	.0028330	-.001091

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.009958	.0021256	.0011727	-.000087	-.004006	-.006250	.0037399
Stddev	.032998	.0003155	.0003553	.000207	.002242	.003585	.0027771
%RSD	331.3687	14.84358	30.29818	239.1083	55.95998	57.36739	74.25622

#1	.003934	.0024187	.0015783	.000066	-.006494	-.010098	.0018243
#2	.013822	.0021664	.0010230	-.000004	-.003380	-.005648	.0069248
#3	-.047631	.0017917	.0009167	-.000322	-.002144	-.003003	.0024706

Sample Name: CCB07 Acquired: 7/31/2025 20:04:34 Type: Unk
Method: 6010-200.7 NEW(v72) 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	-.000323	.0004150	.0001621
Stddev	.000745	.0035330	.0000358
%RSD	230.7310	851.2241	22.08549

#1	.000494	.0024559	.0001989
#2	-.000499	.0024537	.0001601
#3	-.000964	-.003664	.0001273

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5274.197	91573.14	7648.517	4473.483	6873.397
Stddev	19.523	455.25	84.954	18.905	31.716
%RSD	.3701537	.4971398	1.110722	.4226094	.4614315

#1	5271.455	91886.44	7700.914	4495.143	6876.085
#2	5294.946	91782.05	7694.139	4465.008	6903.683
#3	5256.191	91050.93	7550.499	4460.298	6840.422

SOP ID : M200.7-Trace Elements-22

SDG No : N/A

Matrix : WATER

Pipette ID: ICP A

Balance ID : N/A

Filter paper ID : N/A

pH Strip ID : M6069

Hood ID : #3

Block ID: 1. HOT BLOCK #1 2. N/A

Start Digest Date: 07/30/2025 Time : 14:05 Temp : 96 °C

End Digest Date: 07/30/2025 Time : 17:10 Temp : 96 °C

Digestion tube ID: M5595

Block thermometer ID: MET-DIG. #1

Dig Technician Signature: *SLB*

Supervisor Signature: *[Signature]*

Temp : 1. 96°C 2. N/A

Standard Name	MLS USED	STD REF. # FROM LOG
LFS-1	0.25	M6007
LFS-2	0.25	M6015
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
Conc. HNO3	3.00	M6158
1:1 HCL	5.00	MP85156
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

HOT BLOCK#1 CELL#50 96C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
07/30/25 18:10	<i>SLB met dig</i>	<i>[Signature]</i>
	Preparation Group	Analysis Group

Lab Sample ID	Client Sample ID	pH	Initial Vol (ml)	Final Vol (ml)	Color Before	Color After	Clarity Before	Clarity After	Comment	Prep Pos
PB169059BL	PBW059	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	1
PB169059BS	LCS059	<2	50	25	Colorless	Colorless	Clear	Clear	M6007,M6015	2
Q2724-01MS	WASTEWATER Q3MS	<2	50	25	Colorless	Colorless	Clear	Clear	M6007,M6015	5
Q2724-01MSD	WASTEWATER Q3MSD	<2	50	25	Colorless	Colorless	Clear	Clear	M6007,M6015	6
Q2724-01DUP	WASTEWATER Q3DUP	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	4
Q2724-01	WASTEWATER Q3	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	3
Q2729-01	001 WILLETS PT BLVD(JUNE)	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	7
Q2729-02	002 35TH AVE(JUNE)	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	8
Q2730-01	001 WILLETS PT BLVD(JULY)	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	9
Q2730-02	002 35TH AVE(JULY)	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	10

WORKLIST(Hardcopy Internal Chain)

Worklist Name : PB169059

Worklist ID : 191018

Department : Digestion

Date : 07-30-2025 13:20:07

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2724-01	WASTEWATER Q3	Water	Metals Group5	1:1 HNO3 to pH < 2	METE01	O32	07/29/2025	200.7
Q2729-01	001 willets Pt Blvd(june)	Water	Metals Group 10	1:1 HNO3 to pH < 2	TULL01	O21	07/29/2025	200.7
Q2729-02	002 35th Ave(june)	Water	Metals Group 10	1:1 HNO3 to pH < 2	TULL01	O21	07/29/2025	200.7
Q2730-01	001 willets Pt Blvd(july)	Water	Metals Group 10	1:1 HNO3 to pH < 2	TULL01	O41	07/29/2025	200.7
Q2730-02	002 35th Ave(july)	Water	Metals Group 10	1:1 HNO3 to pH < 2	TULL01	O41	07/29/2025	200.7

Date/Time 07/30/25 13:40
 Raw Sample Received by: SLS mctdio
 Raw Sample Relinquished by: ACS m

Date/Time 07/30/25 14:40
 Raw Sample Received by: ACS m
 Raw Sample Relinquished by: SLS mctdio

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB136666

Review By	Review On
Supervise By	Supervise On

STD. NAME	STD REF.#
ICAL Standard ICV Standard CCV Standard ICSA Standard CRI Standard LCS Standard Chk Standard	

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	07/31/25 13:03		Jaswal	OK
2	S1	S1	CAL2	07/31/25 13:08		Jaswal	OK
3	S2	S2	CAL3	07/31/25 13:12		Jaswal	OK
4	S3	S3	CAL4	07/31/25 13:16		Jaswal	OK
5	S4	S4	CAL5	07/31/25 13:20		Jaswal	OK
6	S5	S5	CAL6	07/31/25 13:25		Jaswal	OK
7	ICV01	ICV01	ICV	07/31/25 13:51		Jaswal	OK
8	LLICV01	LLICV01	LLICV	07/31/25 14:00		Jaswal	OK
9	ICB01	ICB01	ICB	07/31/25 14:06		Jaswal	OK
10	CRI01	CRI01	CRDL	07/31/25 14:10		Jaswal	OK
11	ICSA01	ICSA01	ICSA	07/31/25 14:33		Jaswal	OK
12	ICSAB01	ICSAB01	ICSAB	07/31/25 14:40		Jaswal	OK
13	ICSADL	ICSADL	ICSA	07/31/25 14:51		Jaswal	OK
14	ICSABDL	ICSABDL	ICSAB	07/31/25 14:56		Jaswal	OK
15	CCV01	CCV01	CCV	07/31/25 15:06		Jaswal	OK
16	CCB01	CCB01	CCB	07/31/25 15:11		Jaswal	OK
17	PB169049BL	PB169049BL	MB	07/31/25 15:16		Jaswal	OK
18	PB169028BL	PB169028BL	MB	07/31/25 15:20		Jaswal	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB136666

Review By	Review On
Supervise By	Supervise On

STD. NAME	STD REF.#
ICAL Standard ICV Standard CCV Standard ICSA Standard CRI Standard LCS Standard Chk Standard	

19	Q2709-01	7211935-295	SAM	07/31/25 15:24		Jaswal	OK
20	PB169059BL	PB169059BL	MB	07/31/25 15:28		Jaswal	OK
21	PB169059BS	PB169059BS	LCS	07/31/25 15:33		Jaswal	OK
22	Q2729-01	001 willets Pt Blvd(jun)	SAM	07/31/25 15:37		Jaswal	OK
23	Q2729-02	002 35th Ave(june)	SAM	07/31/25 15:41		Jaswal	OK
24	PB169049BS	PB169049BS	LCS	07/31/25 15:45		Jaswal	OK
25	PB169028BS	PB169028BS	LCS	07/31/25 15:49		Jaswal	OK
26	PB169020TB	PB169020TB	MB	07/31/25 15:53		Jaswal	OK
27	CCV02	CCV02	CCV	07/31/25 15:58		Jaswal	OK
28	CCB02	CCB02	CCB	07/31/25 16:02		Jaswal	OK
29	Q2709-02	7211935-295	SAM	07/31/25 16:07		Jaswal	OK
30	Q2709-02DUP	7211935-295DUP	DUP	07/31/25 16:11		Jaswal	OK
31	Q2709-02L	7211935-295L	SD	07/31/25 16:16		Jaswal	OK
32	Q2709-02MS	7211935-295MS	MS	07/31/25 16:20		Jaswal	OK
33	Q2709-02MSD	7211935-295MSD	MSD	07/31/25 16:24		Jaswal	OK
34	Q2709-02A	7211935-295A	PS	07/31/25 16:28		Jaswal	OK
35	Q2703-04	TP-4	SAM	07/31/25 16:32		Jaswal	OK
36	Q2730-01	001 willets Pt Blvd(july)	SAM	07/31/25 16:37		Jaswal	OK
37	Q2730-02	002 35th Ave(july)	SAM	07/31/25 16:41		Jaswal	OK
38	Q2724-01	WASTEWATER Q3	SAM	07/31/25 16:45		Jaswal	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB136666

Review By	Review On
Supervise By	Supervise On

STD. NAME	STD REF.#
ICAL Standard ICV Standard CCV Standard ICSA Standard CRI Standard LCS Standard Chk Standard	

39	CCV03	CCV03	CCV	07/31/25 16:49		Jaswal	OK
40	CCB03	CCB03	CCB	07/31/25 16:53		Jaswal	OK
41	Q2724-01DUP	WASTEWATER Q3DU	DUP	07/31/25 16:59		Jaswal	OK
42	Q2724-01L	WASTEWATER Q3L	SD	07/31/25 17:03		Jaswal	OK
43	Q2724-01MS	WASTEWATER Q3MS	MS	07/31/25 17:07		Jaswal	OK
44	Q2724-01MSD	WASTEWATER Q3MS	MSD	07/31/25 17:12		Jaswal	OK
45	Q2724-01A	WASTEWATER Q3A	PS	07/31/25 17:16		Jaswal	OK
46	CCV04	CCV04	CCV	07/31/25 17:20		Jaswal	OK
47	CCB04	CCB04	CCB	07/31/25 17:24		Jaswal	OK
48	Q1168-01	LOD-MDL-SOIL-01-Q	SAM	07/31/25 17:37		Jaswal	OK
49	Q1168-02	LOQ-SOIL-02-QT1-20	LOQ	07/31/25 17:41		Jaswal	OK
50	Q1168-16	LLOQ-SOIL-QT1-202	SAM	07/31/25 17:46		Jaswal	OK
51	Q1168-07	LOD-MDL-WATER-01	SAM	07/31/25 17:50		Jaswal	OK
52	Q1168-08	LOQ-WATER-02-QT1	LOQ	07/31/25 17:54		Jaswal	OK
53	Q1168-17	LLOQ-WATER-QT1-2	SAM	07/31/25 17:58		Jaswal	OK
54	Q1168-10	LOD-MDL-WATER-04	SAM	07/31/25 18:03		Jaswal	OK
55	Q1168-11	LOQ-WATER-05-QT1	LOQ	07/31/25 18:07		Jaswal	OK
56	Q2126-01	LOD-MDL-SOIL-03-Q	SAM	07/31/25 18:11		Jaswal	OK
57	Q2126-02	LOQ-SOIL-02-QT2-20	LOQ	07/31/25 18:16		Jaswal	OK
58	CCV05	CCV05	CCV	07/31/25 18:20		Jaswal	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB136666

Review By	Review On
Supervise By	Supervise On

STD. NAME	STD REF.#
ICAL Standard ICV Standard CCV Standard ICSA Standard CRI Standard LCS Standard Chk Standard	

59	CCB05	CCB05	CCB	07/31/25 18:25		Jaswal	OK
60	Q2126-16	LLOQ-SOIL-QT2-202	SAM	07/31/25 18:29		Jaswal	OK
61	Q2126-07	LOD-MDL-WATER-01	SAM	07/31/25 18:33		Jaswal	OK
62	Q2126-08	LOQ-WATER-02-QT2	LOQ	07/31/25 18:37		Jaswal	OK
63	Q2126-17	LLOQ-WATER-QT2-2	SAM	07/31/25 18:42		Jaswal	OK
64	Q2126-10	LOD-MDL-WATER-04	SAM	07/31/25 18:46		Jaswal	OK
65	Q2126-11	LOQ-WATER-05-QT2	LOQ	07/31/25 18:50		Jaswal	OK
66	PB167019BL	PB167019BL	MB	07/31/25 18:55		Jaswal	OK
67	PB167019BS	PB167019BS	LCS	07/31/25 18:59		Jaswal	OK
68	PB166198BL	PB166198BL	MB	07/31/25 19:03		Jaswal	OK
69	PB166198BS	PB166198BS	LCS	07/31/25 19:07		Jaswal	OK
70	CCV06	CCV06	CCV	07/31/25 19:18		Jaswal	OK
71	CCB06	CCB06	CCB	07/31/25 19:22		Jaswal	OK
72	PB167652BL	PB167652BL	MB	07/31/25 19:27		Jaswal	OK
73	PB167652BS	PB167652BS	LCS	07/31/25 19:31		Jaswal	OK
74	PB169107BL	PB169107BL	MB	07/31/25 19:35		Jaswal	OK
75	PB169107BS	PB169107BS	LCS	07/31/25 19:39		Jaswal	OK
76	PB168166BL	PB168166BL	MB	07/31/25 19:43		Jaswal	OK
77	PB168166BS	PB168166BS	LCS	07/31/25 19:48		Jaswal	OK
78	PB169108BL	PB169108BL	MB	07/31/25 19:52		Jaswal	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB136666

Review By	Review On
Supervise By	Supervise On
STD. NAME	STD REF.#
ICAL Standard ICV Standard CCV Standard ICSA Standard CRI Standard LCS Standard Chk Standard	

79	PB169108BS	PB169108BS	LCS	07/31/25 19:56		Jaswal	OK
80	CCV07	CCV07	CCV	07/31/25 20:00		Jaswal	OK
81	CCB07	CCB07	CCB	07/31/25 20:04		Jaswal	OK

Prep Standard - Chemical Standard Summary

Order ID : Q2724

Test : Metals Group5

Prepbatch ID : PB169059,

Sequence ID/Qc Batch ID: LB136666, LB136666,

Standard ID :
MP85156,

Chemical ID :
M6007, M6015, M6151, M6158, W3112,



<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
170	1:1HCL	MP85156	04/07/2025	09/06/2025	Kareem Khairalla	None	None	Sarabjit Jaswal 04/07/2025
<u>FROM</u> 1250.00000ml of M6151 + 1250.00000ml of W3112 = Final Quantity: 2500.000 ml								

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	WW-LFS-1 / Laboratory Fortified Stock Solution 1, 125 ml	T2-MEB723367	05/27/2026	05/27/2025 / Janvi	05/14/2024 / Jaswal	M6007

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	WW-LFS-2 / Laboratory Fortified Stock Solution 2, 125 ml	U2-MEB731108	03/17/2028	06/19/2025 / MOHAN	05/14/2024 / Jaswal	M6015

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9530-33 / Hydrochloric Acid, Instra-Analyzed (cs/6x2.5L)	22G2862015	08/17/2025	02/18/2025 / Sagar	01/15/2025 / Sagar	M6151

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9598-34 / Nitric Acid, Instra-Analyzed (cs/4x2.5L)	24D1062002	09/09/2025	03/10/2025 / Eman	02/02/2025 / Sagar	M6158

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	DIW / DI Water	Daily Lab-Certified	07/03/2029	07/03/2024 / Iwona	07/03/2024 / Iwona	W3112



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RD:05/14/2024

Certificate of Analysis

300 Technology Drive
Christiansburg, VA 24073 USA
inorganicventures.com

P: 800-669-6799/540-585-3030

F: 540-585-3012

info@inorganicventures.com

1.0 ACCREDITATION / REGISTRATION

INORGANIC VENTURES is accredited to ISO 17034, "General Requirements for the Competence of Reference Material Producers" and ISO/IEC 17025, "General Requirements for the Competence of Testing and Calibration Laboratories". Inorganic Ventures is also an ISO 9001 registered manufacturer (QSR Certificate Number QSR-1034).



2.0 PRODUCT DESCRIPTION

Product Code:	Multi Analyte Custom Grade Solution
Catalog Number:	WW-LFS-1
Lot Number:	T2-MEB723367
Matrix:	5% (v/v) HNO ₃

Value / Analyte(s):	1 000 µg/mL ea:	
	Potassium,	
	600 µg/mL ea:	
	Phosphorus,	
	300 µg/mL ea:	
	Sodium,	Iron,
	200 µg/mL ea:	
	Magnesium,	Aluminum,
	Cerium,	Selenium,
	Thallium,	
	100 µg/mL ea:	
	Lead,	Calcium,
	80 µg/mL ea:	
	Arsenic,	
	70 µg/mL ea:	
	Mercury,	
	50 µg/mL ea:	
	Nickel,	
	40 µg/mL ea:	
	Chromium,	
	30 µg/mL ea:	
	Copper,	Boron,
	Vanadium,	
	20 µg/mL ea:	
	Zinc,	Strontium,
	Barium,	Beryllium,
	Cadmium,	Cobalt,
	Manganese,	Lithium,
	7.5 µg/mL ea:	
	Silver	

3.0 CERTIFIED VALUES AND UNCERTAINTIES

ANALYTE	CERTIFIED VALUE	ANALYTE	CERTIFIED VALUE
Aluminum, Al	200.0 ± 0.7 µg/mL	Arsenic, As	80.0 ± 0.7 µg/mL
Barium, Ba	20.00 ± 0.09 µg/mL	Beryllium, Be	20.00 ± 0.13 µg/mL
Boron, B	30.00 ± 0.18 µg/mL	Cadmium, Cd	20.00 ± 0.09 µg/mL
Calcium, Ca	100.0 ± 0.4 µg/mL	Cerium, Ce	200.0 ± 0.8 µg/mL
Chromium, Cr	40.00 ± 0.30 µg/mL	Cobalt, Co	20.00 ± 0.10 µg/mL
Copper, Cu	30.00 ± 0.13 µg/mL	Iron, Fe	300.0 ± 1.3 µg/mL
Lead, Pb	100.0 ± 0.4 µg/mL	Lithium, Li	20.00 ± 0.08 µg/mL
Magnesium, Mg	200.0 ± 0.8 µg/mL	Manganese, Mn	20.00 ± 0.08 µg/mL
Mercury, Hg	70.0 ± 0.3 µg/mL	Nickel, Ni	50.00 ± 0.22 µg/mL
Phosphorus, P	600.0 ± 2.7 µg/mL	Potassium, K	1 000 ± 4 µg/mL
Selenium, Se	200.0 ± 1.3 µg/mL	Silver, Ag	7.50 ± 0.03 µg/mL
Sodium, Na	300.0 ± 1.4 µg/mL	Strontium, Sr	20.01 ± 0.08 µg/mL
Thallium, Tl	200.0 ± 1.4 µg/mL	Vanadium, V	30.00 ± 0.13 µg/mL
Zinc, Zn	20.00 ± 0.09 µg/mL		

Density: 1.034 g/mL (measured at 20 ± 4 °C)

Assay Information:

ANALYTE	METHOD	NIST SRM#	SRM LOT#
Ag	ICP Assay	3151	160729
Ag	Volhard	999c	999c
Ag	Calculated		See Sec. 4.2
Al	ICP Assay	3101a	140903
Al	EDTA	928	928
As	ICP Assay	3103a	100818
B	ICP Assay	3107	190605
Ba	ICP Assay	3104a	140909
Ba	Gravimetric		See Sec. 4.2
Be	ICP Assay	3105a	090514
Ca	ICP Assay	3109a	130213
Ca	EDTA	928	928
Cd	ICP Assay	3108	130116
Cd	EDTA	928	928
Ce	ICP Assay	3110	090504
Ce	EDTA	928	928
Co	ICP Assay	3113	190630
Co	EDTA	928	928
Cr	ICP Assay	3112a	170630
Cu	ICP Assay	3114	121207
Cu	EDTA	928	928
Fe	ICP Assay	3126a	140812
Fe	EDTA	928	928
Hg	ICP Assay	3133	160921
Hg	EDTA	928	928
K	ICP Assay	3141a	140813
K	Gravimetric		See Sec. 4.2
Li	ICP Assay	3129a	100714
Li	Gravimetric		See Sec. 4.2
Mg	ICP Assay	3131a	140110
Mg	EDTA	928	928
Mn	ICP Assay	3132	050429
Mn	EDTA	928	928
Na	ICP Assay	Traceable to 3152A	S2-NA700842
Na	Gravimetric		See Sec. 4.2
Ni	ICP Assay	3136	120619
Ni	EDTA	928	928
P	ICP Assay	3139a	060717
P	Acidimetric	84L	84L
Pb	ICP Assay	3128	101026
Pb	EDTA	928	928
Se	ICP Assay	3149	100901
Sr	EDTA	928	928
Sr	ICP Assay	Traceable to 3153a	K2-SR650985
Tl	ICP Assay	3158	151215
V	IC Assay	3165	160906
V	EDTA	928	928
Zn	ICP Assay	3168a	120629
Zn	EDTA	928	928

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of $k = 2$.

Characterization of CRM/RM by Two or More Methods

Certified Value, $X_{\text{CRM/RM}}$, where two or more methods of characterization are used is the weighted mean of the results:

$$X_{\text{CRM/RM}} = \sum (w_i) (X_i)$$

X_i = mean of Assay Method i with standard uncertainty $u_{\text{char } i}$

w_i = the weighting factors for each method calculated using the inverse square of the variance:

$$w_i = (1/u_{\text{char } i}^2) / (\sum (1/u_{\text{char } i}^2))$$

$$\text{CRM/RM Expanded Uncertainty (z)} = U_{\text{CRM/RM}} = k (u_{\text{char}}^2 + u_{\text{bb}}^2 + u_{\text{ts}}^2 + u_{\text{ts}}^2)^{1/2}$$

k = coverage factor = 2

$u_{\text{char}} = [\sum ((w_i)^2 (u_{\text{char } i}^2))]^{1/2}$ where $u_{\text{char } i}$ are the errors from each characterization method

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{ts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

Characterization of CRM/RM by One Method

Certified Value, $X_{\text{CRM/RM}}$, where one method of characterization is used is the mean of individual results:

$$X_{\text{CRM/RM}} = (X_a) (u_{\text{char } a})$$

X_a = mean of Assay Method A with

$u_{\text{char } a}$ = the standard uncertainty of characterization Method A

$$\text{CRM/RM Expanded Uncertainty (z)} = U_{\text{CRM/RM}} = k (u_{\text{char } a}^2 + u_{\text{bb}}^2 + u_{\text{ts}}^2 + u_{\text{ts}}^2)^{1/2}$$

k = coverage factor = 2

$u_{\text{char } a}$ = the errors from characterization

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{ts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

4.0 TRACEABILITY TO NIST

- This product is traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM/RM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRM/RM are available, the term 'in-house std.' is specified.

4.1 Thermometer Calibration

- All thermometers are NIST traceable through thermometers that are calibrated by an accredited calibration laboratory.

4.2 Balance Calibration

- All analytical balances are calibrated by an accredited calibration laboratory and procedure. The weights used for testing are annually compared to master weights and are traceable to NIST.

4.3 Glassware Calibration

- An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM/RMs.

5.0 TRACE METALLIC IMPURITIES (TMI) DETERMINED BY ICP-MS AND ICP-OES (µg/mL)

N/A

6.0 INTENDED USE

- For the calibration of analytical instruments and validation of analytical methods as appropriate.

7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

7.1 Storage and Handling Recommendations

- Store between approximately 4° - 30° C while in sealed TCT bag.

- While stored in the sealed TCT bag, transpiration of this CRM/RM is negligible. After opening the sealed TCT bag transpiration of the CRM/RM will occur, resulting in a gradual increase in the analyte concentration(s). It is the responsibility of the user to account for this effect. When the bottle is weighed both before and after being placed in storage, the mass difference observed will be a measure of transpiration mass loss.

- After opening the sealed TCT bag, keep cap tightly sealed when not in use and store between 4° - 24° C to minimize the effects of transpiration. Use at 20° ± 4° C to minimize volumetric dilution error when using the reported density. Do not pipette from the container. Do not return removed aliquots to container.

- For more information, visit www.inorganicventures.com/TCT

Low Silver Note: This solution contains "LOW" levels of Silver. Please store this entire bottle inside a sealed glass jar.

8.0 HAZARDOUS INFORMATION

- Please refer to the Safety Data Sheet for information regarding this CRM/RM.

9.0 HOMOGENEITY

- This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Homogeneity data indicate that the end user should take a minimum sample size of 0.2 mL to assure homogeneity.

10.0 QUALITY STANDARD DOCUMENTATION

10.1 ISO 9001 Quality Management System Registration

- QSR Certificate Number QSR-1034

10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories"

- Chemical Testing - Accredited / A2LA Certificate Number 883.01

10.3 ISO 17034 "General Requirements for the Competence of Reference Material Producers"

- Reference Material Producer - Accredited / A2LA Certificate Number 883.02

Inorganic Ventures, 300 Technology Drive, Christiansburg, Va. 24073, USA; Telephone: 800.669.6799; 540.585.3030, Fax: 540.585.3012; info@inorganicventures.com; inorganicventures.com

11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

11.1 Certification Issue Date

August 30, 2022

- The certification is valid within the measurement uncertainty specified provided the CRM/RM is stored and handled in accordance with instructions given in Sec 7.1. This certification is nullified if instructions in Sec 7.1 are not followed or if the CRM/RM is damaged, contaminated, or otherwise modified.

11.2 Lot Expiration Date

- August 30, 2026

- The date after which this CRM/RM should not be used.

- The lot expiration date reflects the period of time that the stability of a CRM/RM can be supported by long term stability studies conducted on properly stored and handled CRM/RMs. Lot expiration is limited primarily by transpiration (loss of water from the solution) and infrequently by chemical stability.

11.3 Period of Validity

- Sealed TCT Bag Open Date: _____

- This CRM/RM should not be used longer than one year (or six months in the case of a 30 mL bottle) from the date of opening the aluminized bag or after the date given in Sec. 11.2, whichever comes first. This is contingent upon the CRM/RM being stored and handled in accordance with the instructions given in Sec. 7.1.

12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

Certificate Approved By:

Thomas Kozikowski
Manager, Quality Control



Certifying Officer:

Paul Gaines
Chairman / Senior Technical Director





Refine your results. Redefine your industry.

RD:05/14/2024

Certificate of Analysis

300 Technology Drive
Christiansburg, VA 24073 USA
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1.0 ACCREDITATION / REGISTRATION

INORGANIC VENTURES is accredited to ISO 17034, "General Requirements for the Competence of Reference Material Producers" and ISO/IEC 17025, "General Requirements for the Competence of Testing and Calibration Laboratories". Inorganic Ventures is also an ISO 9001 registered manufacturer (QSR Certificate Number QSR-1034).



2.0 PRODUCT DESCRIPTION

Product Code: Multi Analyte Custom Grade Solution
Catalog Number: WW-LFS-2
Lot Number: U2-MEB731108
Matrix: 5% (v/v) HNO₃
tr. HF
Value / Analyte(s):
200 µg/mL ea:
Silica,
80 µg/mL ea:
Antimony,
70 µg/mL ea:
Tin,
40 µg/mL ea:
Molybdenum,
20 µg/mL ea:
Titanium

3.0 CERTIFIED VALUES AND UNCERTAINTIES

ANALYTE	CERTIFIED VALUE	ANALYTE	CERTIFIED VALUE
Antimony, Sb	80.1 ± 0.6 µg/mL	Molybdenum, Mo	40.03 ± 0.18 µg/mL
Silica, SiO ₂	200.2 ± 1.3 µg/mL	Tin, Sn	70.0 ± 0.4 µg/mL
Titanium, Ti	20.01 ± 0.13 µg/mL		

Density: 1.025 g/mL (measured at 20 ± 4 °C)

Assay Information:

ANALYTE	METHOD	NIST SRM#	SRM LOT#
Mo	ICP Assay	3134	130418
Mo	Calculated		See Sec. 4.2
Sb	ICP Assay	3102a	140911
SiO ₂	ICP Assay	3150	130912
Sn	ICP Assay	3161a	140917
Ti	ICP Assay	3162a	130925
Ti	Calculated		See Sec. 4.2

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of $k = 2$.

Characterization of CRM/RM by Two or More Methods

Certified Value, $X_{\text{CRM/RM}}$, where two or more methods of characterization are used is the weighted mean of the results:

$$X_{\text{CRM/RM}} = \sum (w_i) (X_i)$$

X_i = mean of Assay Method i with standard uncertainty $u_{\text{char } i}$

w_i = the weighting factors for each method calculated using the inverse square of the variance:

$$w_i = (1/u_{\text{char } i}^2) / (\sum (1/u_{\text{char } i}^2))$$

$$\text{CRM/RM Expanded Uncertainty } (z) = U_{\text{CRM/RM}} = k (u_{\text{char}}^2 + u_{\text{bb}}^2 + u_{\text{ITS}}^2 + u_{\text{TS}}^2)^{1/2}$$

k = coverage factor = 2

$u_{\text{char}} = [\sum (w_i)^2 (u_{\text{char } i}^2)]^{1/2}$ where $u_{\text{char } i}$ are the errors from each characterization method

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{ITS} = long term stability standard uncertainty (storage)

u_{TS} = transport stability standard uncertainty

Characterization of CRM/RM by One Method

Certified Value, $X_{\text{CRM/RM}}$, where one method of characterization is used is the mean of individual results:

$$X_{\text{CRM/RM}} = (X_a) (u_{\text{char } a})$$

X_a = mean of Assay Method A with

$u_{\text{char } a}$ = the standard uncertainty of characterization Method A

$$\text{CRM/RM Expanded Uncertainty } (z) = U_{\text{CRM/RM}} = k (u_{\text{char } a}^2 + u_{\text{bb}}^2 + u_{\text{ITS}}^2 + u_{\text{TS}}^2)^{1/2}$$

k = coverage factor = 2

$u_{\text{char } a}$ = the errors from characterization

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{ITS} = long term stability standard uncertainty (storage)

u_{TS} = transport stability standard uncertainty

4.0 TRACEABILITY TO NIST

- This product is traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM/RM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRM/RM are available, the term 'in-house std.' is specified.

4.1 Thermometer Calibration

- All thermometers are NIST traceable through thermometers that are calibrated by an accredited calibration laboratory.

4.2 Balance Calibration

- All analytical balances are calibrated by an accredited calibration laboratory and procedure. The weights used for testing are annually compared to master weights and are traceable to NIST.

4.3 Glassware Calibration

- An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM/RMs.

5.0 TRACE METALLIC IMPURITIES (TMI) DETERMINED BY ICP-MS AND ICP-OES (µg/mL)

N/A

6.0 INTENDED USE

6.1 This standard is intended for the calibration of analytical instruments and validation of analytical methods as appropriate. This CRM may be used in connection with EPA Methods 6010, 6020 (all versions), Standard Methods 3120 B and USP <232> / ICH Q3D.

6.2 For products attaining traceability through Inorganic Ventures' Primary Certified Reference Materials (PCRM™) see the Limited License to Use PCRM™ in the Inorganic Ventures Terms and Conditions of Sale, <https://www.inorganicventures.com/terms-and-conditions-sale>. The Terms and Conditions contain information on the use of materials traceable to PCRM™ certified reference materials. This Limited License agreement is especially pertinent for laboratories accredited under ISO:17034.

7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

7.1 Storage and Handling Recommendations

- Store between approximately 4° - 30° C while in sealed TCT bag.

- While stored in the sealed TCT bag, transpiration of this CRM/RM is negligible. After opening the sealed TCT bag transpiration of the CRM/RM will occur, resulting in a gradual increase in the analyte concentration(s). It is the responsibility of the user to account for this effect. When the bottle is weighed both before and after being placed in storage, the mass difference observed will be a measure of transpiration mass loss.

- After opening the sealed TCT bag, keep cap tightly sealed when not in use and store between 4° - 24° C to minimize the effects of transpiration. Use at 20° ± 4° C to minimize volumetric dilution error when using the reported density. Do not pipette from the container. Do not return removed aliquots to container.

- For more information, visit www.inorganicventures.com/TCT

HF Note: This standard should not be prepared or stored in glass.

8.0 HAZARDOUS INFORMATION

- Please refer to the Safety Data Sheet for information regarding this CRM/RM.

9.0 HOMOGENEITY

- This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Homogeneity data indicate that the end user should take a minimum sample size of 0.2 mL to assure homogeneity.

10.0 QUALITY STANDARD DOCUMENTATION

10.1 ISO 9001 Quality Management System Registration

- QSR Certificate Number QSR-1034

10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories"

- Chemical Testing - Accredited / A2LA Certificate Number 883.01

10.3 ISO 17034 "General Requirements for the Competence of Reference Material Producers"

- Reference Material Producer - Accredited / A2LA Certificate Number 883.02

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11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

11.1 Certification Issue Date

March 17, 2023

- The certification is valid within the measurement uncertainty specified provided the CRM/RM is stored and handled in accordance with instructions given in Sec 7.1. This certification is nullified if instructions in Sec 7.1 are not followed or if the CRM/RM is damaged, contaminated, or otherwise modified.

11.2 Lot Expiration Date

- **March 17, 2028**

- The date after which this CRM/RM should not be used.

- The lot expiration date reflects the period of time that the stability of a CRM/RM can be supported by long term stability studies conducted on properly stored and handled CRM/RMs. Lot expiration is limited primarily by transpiration (loss of water from the solution) and infrequently by chemical stability.

11.3 Period of Validity

- Sealed TCT Bag Open Date: _____

- This CRM/RM should not be used longer than one year (or six months in the case of a 30 mL bottle) from the date of opening the aluminized bag or after the date given in Sec. 11.2, whichever comes first. This is contingent upon the CRM/RM being stored and handled in accordance with the instructions given in Sec. 7.1.

12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

Certificate Approved By:

Thomas Kozikowski
Manager, Quality Control



Certifying Officer:

Paul Gaines
Chairman / Senior Technical Director



Hydrochloric Acid, 36.5–38.0%
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis

 **avantor™**



M6151

R → 11/15/25

Material No.: 9530-33
Batch No.: 22G2862015
Manufactured Date: 2022-06-15
Retest Date: 2027-06-14
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
ACS – Assay (as HCl) (by acid–base titrn)	36.5 – 38.0 %	37.9 %
ACS – Color (APHA)	≤ 10	5
ACS – Residue after Ignition	≤ 3 ppm	< 1 ppm
ACS – Specific Gravity at 60°/60°F	1.185 – 1.192	1.191
ACS – Bromide (Br)	≤ 0.005 %	< 0.005 %
ACS – Extractable Organic Substances	≤ 5 ppm	< 1 ppm
ACS – Free Chlorine (as Cl ₂)	≤ 0.5 ppm	< 0.5 ppm
Phosphate (PO ₄)	≤ 0.05 ppm	< 0.03 ppm
Sulfate (SO ₄)	≤ 0.5 ppm	< 0.3 ppm
Sulfite (SO ₃)	≤ 0.8 ppm	0.3 ppm
Ammonium (NH ₄)	≤ 3 ppm	< 1 ppm
Trace Impurities – Arsenic (As)	≤ 0.010 ppm	< 0.003 ppm
Trace Impurities – Aluminum (Al)	≤ 10.0 ppb	1.3 ppb
Arsenic and Antimony (as As)	≤ 5.0 ppb	< 3.0 ppb
Trace Impurities – Barium (Ba)	≤ 1.0 ppb	0.2 ppb
Trace Impurities – Beryllium (Be)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities – Bismuth (Bi)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Boron (B)	≤ 20.0 ppb	< 5.0 ppb
Trace Impurities – Cadmium (Cd)	≤ 1.0 ppb	< 0.3 ppb
Trace Impurities – Calcium (Ca)	≤ 50.0 ppb	163.0 ppb
Trace Impurities – Chromium (Cr)	≤ 1.0 ppb	0.7 ppb
Trace Impurities – Cobalt (Co)	≤ 1.0 ppb	< 0.3 ppb
Trace Impurities – Copper (Cu)	≤ 1.0 ppb	< 0.1 ppb
Trace Impurities – Gallium (Ga)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities – Germanium (Ge)	≤ 3.0 ppb	< 2.0 ppb
Trace Impurities – Gold (Au)	≤ 4.0 ppb	0.6 ppb
Heavy Metals (as Pb)	≤ 100 ppb	< 50 ppb
Trace Impurities – Iron (Fe)	≤ 15 ppb	6 ppb

>>> Continued on page 2 >>>

Hydrochloric Acid, 36.5–38.0%
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis

 **avantorsm**



Material No.: 9530-33
Batch No.: 22G2862015

Test	Specification	Result
Trace Impurities – Lead (Pb)	≤ 1.0 ppb	< 0.5 ppb
Trace Impurities – Lithium (Li)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities – Magnesium (Mg)	≤ 10.0 ppb	2.9 ppb
Trace Impurities – Manganese (Mn)	≤ 1.0 ppb	< 0.4 ppb
Trace Impurities – Mercury (Hg)	≤ 0.5 ppb	0.1 ppb
Trace Impurities – Molybdenum (Mo)	≤ 10.0 ppb	< 3.0 ppb
Trace Impurities – Nickel (Ni)	≤ 4.0 ppb	< 0.3 ppb
Trace Impurities – Niobium (Nb)	≤ 1.0 ppb	0.8 ppb
Trace Impurities – Potassium (K)	≤ 9.0 ppb	< 2.0 ppb
Trace Impurities – Selenium (Se), For Information Only		< 1.0 ppb
Trace Impurities – Silicon (Si)	≤ 100.0 ppb	< 10.0 ppb
Trace Impurities – Silver (Ag)	≤ 1.0 ppb	0.5 ppb
Trace Impurities – Sodium (Na)	≤ 100.0 ppb	2.3 ppb
Trace Impurities – Strontium (Sr)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities – Tantalum (Ta)	≤ 1.0 ppb	1.6 ppb
Trace Impurities – Thallium (Tl)	≤ 5.0 ppb	< 2.0 ppb
Trace Impurities – Tin (Sn)	≤ 5.0 ppb	4.0 ppb
Trace Impurities – Titanium (Ti)	≤ 1.0 ppb	1.5 ppb
Trace Impurities – Vanadium (V)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities – Zinc (Zn)	≤ 5.0 ppb	0.8 ppb
Trace Impurities – Zirconium (Zr)	≤ 1.0 ppb	0.3 ppb

>>> Continued on page 3 >>>

Hydrochloric Acid, 36.5–38.0%
BAKER INSTRA–ANALYZED® Reagent
For Trace Metal Analysis



Material No.: 9530-33
Batch No.: 22G2862015

Test	Specification	Result
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For Laboratory, Research, or Manufacturing Use
Product Information (not specifications):
Appearance (clear, fuming liquid)
Meets ACS Specifications
Storage Condition: Store below 25 °C.

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

A handwritten signature in cursive script that reads 'Jamie Ethier'.
Jamie Ethier
Vice President Global Quality

Nitric Acid 69%
CMOS

avantor™



R- 0210212025

m - 6158

Material No.: 9606-03
Batch No.: 24D1062002
Manufactured Date: 2024-03-26
Retest Date: 2029-03-25
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay (HNO ₃)	69.0 – 70.0 %	69.7 %
Appearance	Passes Test	Passes Test
Color (APHA)	≤ 10	5
Residue after Ignition	≤ 2 ppm	1 ppm
Chloride (Cl)	≤ 0.08 ppm	< 0.03 ppm
Phosphate (PO ₄)	≤ 0.10 ppm	< 0.03 ppm
Sulfate (SO ₄)	≤ 0.2 ppm	< 0.2 ppm
Trace Impurities – Aluminum (Al)	≤ 40.0 ppb	< 1.0 ppb
Arsenic and Antimony (as As)	≤ 5.0 ppb	< 2.0 ppb
Trace Impurities – Barium (Ba)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Beryllium (Be)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Bismuth (Bi)	≤ 20.0 ppb	< 10.0 ppb
Trace Impurities – Boron (B)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities – Cadmium (Cd)	≤ 50 ppb	< 1 ppb
Trace Impurities – Calcium (Ca)	≤ 50.0 ppb	2.3 ppb
Trace Impurities – Chromium (Cr)	≤ 30.0 ppb	< 1.0 ppb
Trace Impurities – Cobalt (Co)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Copper (Cu)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Gallium (Ga)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Germanium (Ge)	≤ 20 ppb	< 10 ppb
Trace Impurities – Gold (Au)	≤ 20 ppb	< 5 ppb
Heavy Metals (as Pb)	≤ 100 ppb	100 ppb
Trace Impurities – Iron (Fe)	≤ 40.0 ppb	< 1.0 ppb
Trace Impurities – Lead (Pb)	≤ 20.0 ppb	< 10.0 ppb
Trace Impurities – Lithium (Li)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Magnesium (Mg)	≤ 20 ppb	< 1 ppb
Trace Impurities – Manganese (Mn)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Nickel (Ni)	≤ 20.0 ppb	< 5.0 ppb

>>> Continued on page 2 >>>

Nitric Acid 69%
CMOS

 **avantorsTM**



Material No.: 9606-03
Batch No.: 24D1062002

Test	Specification	Result
Trace Impurities – Niobium (Nb)	≤ 50.0 ppb	< 1.0 ppb
Trace Impurities – Potassium (K)	≤ 50 ppb	16 ppb
Trace Impurities – Silicon (Si)	≤ 50 ppb	< 10 ppb
Trace Impurities – Silver (Ag)	≤ 20.0 ppb	< 1.0 ppb
Trace Impurities – Sodium (Na)	≤ 150.0 ppb	< 5.0 ppb
Trace Impurities – Strontium (Sr)	≤ 30.0 ppb	< 1.0 ppb
Trace Impurities – Tantalum (Ta)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities – Thallium (Tl)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities – Tin (Sn)	≤ 20.0 ppb	< 10.0 ppb
Trace Impurities – Titanium (Ti)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Vanadium (V)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Zinc (Zn)	≤ 20.0 ppb	< 1.0 ppb
Trace Impurities – Zirconium (Zr)	≤ 10.0 ppb	< 1.0 ppb
Particle Count – 0.5 µm and greater	≤ 60 par/ml	10 par/ml
Particle Count – 1.0 µm and greater	≤ 10 par/ml	3 par/ml

>>> Continued on page 3 >>>

Nitric Acid 69%
CMOS

 **avantor™**



Material No.: 9606-03
Batch No.: 24D1062002

Test	Specification	Result
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For Microelectronic Use

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC



Jamie Croak
Director Quality Operations, Bioscience Production



SHIPPING DOCUMENTS

CLIENT INFORMATION

REPORT TO BE SENT TO:

COMPANY: Metem A GE power Business
ADDRESS: 700 Parsippany Road
CITY: Parsippany STATE: NT ZIP: 07054
ATTENTION: Sundas Pervez
PHONE: 973-887-6635 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: Parsippany wastewater Quarterly 2025
PROJECT NO.: LOCATION:
PROJECT MANAGER:
e-mail:
PHONE: FAX:

CLIENT BILLING INFORMATION

BILL TO: PO#:
ADDRESS:
CITY STATE: ZIP:
ATTENTION: PHONE:

ANALYSIS

DATA TURNAROUND INFORMATION

FAX (RUSH) DAYS*
HARDCOPY (DATA PACKAGE): DAYS*
EDD: DAYS*

*TO BE APPROVED BY CHEMTECH

STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

☐ Level 1 (Results Only) ☐ Level 4 (QC + Full Raw Data)
☐ Level 2 (Results + QC) ☐ NJ Reduced ☐ US EPA CLP
☐ Level 3 (Results + QC) ☐ NYS ASP A ☐ NYS ASP B
+ Raw Data ☐ Other
☐ EDD FORMAT

metals group
Cyanide
Field PH
1 2 3 4 5 6 7 8 9

PRESERVATIVES

COMMENTS

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES										← Specify Preservatives A-HCl D-NaOH B-HNO3 E-ICE C-H2SO4 F-OTHER
			COMP	GRAB	DATE	TIME		1	2	3	4	5	6	7	8	9	
1.	<u>wastewater Q3</u>	<u>W</u>	<u>✓</u>		<u>7-29-25</u>	<u>1505</u>	<u>3</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>							<u>PH 7.65</u>
2.																	
3.																	
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER: 1. <u>[Signature]</u>	DATE/TIME: <u>7/29/25 1508</u>	RECEIVED BY: <u>[Signature]</u> <u>1508</u> <u>7-29-25</u>	Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP <u>4.5</u> °C
RELINQUISHED BY SAMPLER: 2. <u>[Signature]</u>	DATE/TIME:	RECEIVED BY: 2. <u>[Signature]</u>	Comments:
RELINQUISHED BY SAMPLER: 3. <u>[Signature]</u>	DATE/TIME: <u>7-30-25</u>	RECEIVED BY: 3. <u>[Signature]</u>	Page ____ of CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete
☐ YES ☐ NO

Alliance Technical Group, LLC-Newark

284 Sheffield Street, Mountainside, NJ 07092 Tel. 908-789-8900 Fax 908-789-8922
FIELD SAMPLING LOG

Client Name: Metem AGE power Business
 Client Address: 700 Parsippany Road
 Client Rep on Site: Sundas Pervez
 Sampling Date: 7-29-25
 Arrival Time: 1440

Project Name: Parsippany wastewater quarterly
 Project Location: Parsippany
 Cooler Custody Seal: N/A
 Temperature Correction Factor (°C): 0

Departure Time: 1522

FIELD EQUIPMENT CALIBRATION

pH Calibration (SM4500-H B/9040C)				
Calibration				ICV (± 0.1 pH unit)
	7.00 Buffer	4.00 Buffer	10.00 Buffer	7.00 Buffer
	W 3217	W 3178 3178	W 3191	W 3093
Time	1442	1444	1446	1448
Temp °C	24.3°	24.4°	24.2°	24.5°
pH	7.00	4.00	10.01	7.00

FIELD EQUIPMENT CALIBRATION

Specific Conductance (mS/cm) (99% -101%)/(mmho/cm) (SM2510 B/120.1/9050A)		
Calibration (± 1%) (99% -101%)		ICV (± 1%) (99% -101%)
	WP	WP
Time		
Temp °C		
Reading (mS/cm)		

Sampler Signature/Date:

 7-29-25

Supervisor Review/Date:

Project Name: participatory waste audit quarterly

Project Location: Parsippany 2025

Cooler Custody Seal: N/A

Temperature Correction Factor ($^{\circ}\text{C}$): 0

Departure Time: 1522

FIELD SAMPLING INFORMATION

[illegible]

Meter: YSI MPS, Model # 556, Serial # 085A0063

Sampler Signature/Date:

Supervisor Review/Date: _____

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488