

Cover Page

Order ID : Q2964

Project ID : Buff

Client : G Environmental

Lab Sample Number

Q2964-01
Q2964-02
Q2964-04

Client Sample Number

RBBX4R
MW3
RPXY1R

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: 8/28/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012



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CASE NARRATIVE

G Environmental

Project Name: Buff

Project # N/A

Order ID # Q2964

Test Name: Metals Group4

A. Number of Samples and Date of Receipt:

2 Solid samples were received on 08/26/2025.

1 Water sample was received on 08/26/2025.

B. Parameters:

According to the Chain of Custody document, the following analyses were requested: Alkalinity, Anions Group1, COD, Metals Group4, VOC-TCLVOA-10 and VOCMS Group1. This data package contains results for Metals Group4.

C. Analytical Techniques:

The analysis of Metals Group4 was based on method 6010D and digestion based on method 3010 (waters).

D. QA/ QC Samples:

The Holding Times were met for all analysis.

Sample MW3 was diluted due to high concentrations for Sodium.

The Blank Spike met requirements for all compounds.

The Duplicate analysis met criteria for all compounds.

The Matrix Spike analysis met criteria for all compounds.

The Matrix Spike Duplicate analysis met criteria for all compounds.

The Blank analysis did not indicate the presence of lab contamination.

The Calibration met the requirements.

The Serial Dilution (MW3L) met criteria for all compounds except for Sodium due to sample matrix interference.

E. Additional Comments:

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

Signature_____

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 #: Q2964

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: KETAN PATEL

Date: 08/28/2025



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LAB CHRONICLE

OrderID:	Q2964	OrderDate:	8/26/2025 2:35:00 PM
Client:	G Environmental	Project:	Buff
Contact:	Gary Landis	Location:	D41,VOA Ref. #2 Soil,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2964-02	MW3	Water	Metals Group4	6010D	08/25/25	08/27/25	08/27/25	08/26/25



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Hit Summary Sheet
SW-846

SDG No.: Q2964

Order ID: Q2964

Client: G Environmental

Project ID: Buff

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : MW3								
Q2964-02	MW3	Water	Iron	2810		11.7	50.0	ug/L
Q2964-02	MW3	Water	Manganese	376		2.97	10.0	ug/L
Q2964-02	MW3	Water	Sodium	5230000	D	2170	5000	ug/L



SAMPLE DATA

Report of Analysis

Client:	G Environmental	Date Collected:	08/25/25
Project:	Buff	Date Received:	08/26/25
Client Sample ID:	MW3	SDG No.:	Q2964
Lab Sample ID:	Q2964-02	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.
7439-89-6	Iron	2810		1	11.7	50.0	ug/L	08/27/25 10:40	08/27/25 15:44	6010D	SW3010
7439-96-5	Manganese	376		1	2.97	10.0	ug/L	08/27/25 10:40	08/27/25 15:44	6010D	SW3010
7440-23-5	Sodium	5230000	D	5	2170	5000	ug/L	08/27/25 10:40	08/27/25 16:43	6010D	SW3010

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	Metals Group4			

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: G Environmental

SDG No.: Q2964

Contract: GENV01

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	Iron	4210	4000	105	90 - 110	P	08/27/2025	11:28	LB136987
	Manganese	2010	2000	100	90 - 110	P	08/27/2025	11:28	LB136987
	Sodium	21800	20000	109	90 - 110	P	08/27/2025	11:28	LB136987

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental

SDG No.: Q2964

Contract: GENV01

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	Iron	106	100	106	80 - 120	P	08/27/2025	11:34	LB136987
	Manganese	21.3	20.0	107	80 - 120	P	08/27/2025	11:34	LB136987
	Sodium	1970	2000	98	80 - 120	P	08/27/2025	11:34	LB136987

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental

SDG No.: Q2964

Contract: GENV01

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	Iron	5290	5000	106	90 - 110	P	08/27/2025	12:05	LB136987
	Manganese	2500	2500	100	90 - 110	P	08/27/2025	12:05	LB136987
	Sodium	27000	25000	108	90 - 110	P	08/27/2025	12:05	LB136987
CCV02	Iron	5200	5000	104	90 - 110	P	08/27/2025	13:07	LB136987
	Manganese	2440	2500	98	90 - 110	P	08/27/2025	13:07	LB136987
	Sodium	25600	25000	102	90 - 110	P	08/27/2025	13:07	LB136987
CCV03	Iron	5200	5000	104	90 - 110	P	08/27/2025	14:09	LB136987
	Manganese	2440	2500	98	90 - 110	P	08/27/2025	14:09	LB136987
	Sodium	24600	25000	98	90 - 110	P	08/27/2025	14:09	LB136987
CCV04	Iron	5340	5000	107	90 - 110	P	08/27/2025	14:53	LB136987
	Manganese	2470	2500	99	90 - 110	P	08/27/2025	14:53	LB136987
	Sodium	25800	25000	103	90 - 110	P	08/27/2025	14:53	LB136987
CCV05	Iron	5080	5000	102	90 - 110	P	08/27/2025	16:24	LB136987
	Manganese	2410	2500	96	90 - 110	P	08/27/2025	16:24	LB136987
	Sodium	26000	25000	104	90 - 110	P	08/27/2025	16:24	LB136987
CCV06	Iron	5140	5000	103	90 - 110	P	08/27/2025	17:10	LB136987
	Manganese	2380	2500	95	90 - 110	P	08/27/2025	17:10	LB136987
	Sodium	27000	25000	108	90 - 110	P	08/27/2025	17:10	LB136987



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Metals

- 2b -

CRDL STANDARD FOR AA & ICP

Client: G Environmental

SDG No.: Q2964

Contract: GENV01

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	Iron	106	100	106	65 - 135	P	08/27/2025	11:44	LB136987
	Manganese	21.7	20.0	109	65 - 135	P	08/27/2025	11:44	LB136987
	Sodium	2060	2000	103	65 - 135	P	08/27/2025	11:44	LB136987



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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental

SDG No.: Q2964

Contract: GENV01

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Iron	23.4	+/-50	U	100	P	08/27/2025	11:40	LB136987
	Manganese	5.94	+/-10	U	20.0	P	08/27/2025	11:40	LB136987
	Sodium	868	+/-1000	U	2000	P	08/27/2025	11:40	LB136987

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental

SDG No.: Q2964

Contract: GENV01

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Iron	23.4	+/-50	U	100	P	08/27/2025	12:13	LB136987
	Manganese	5.94	+/-10	U	20.0	P	08/27/2025	12:13	LB136987
	Sodium	868	+/-1000	U	2000	P	08/27/2025	12:13	LB136987
CCB02	Iron	23.4	+/-50	U	100	P	08/27/2025	13:12	LB136987
	Manganese	5.94	+/-10	U	20.0	P	08/27/2025	13:12	LB136987
	Sodium	868	+/-1000	U	2000	P	08/27/2025	13:12	LB136987
CCB03	Iron	23.4	+/-50	U	100	P	08/27/2025	14:13	LB136987
	Manganese	5.94	+/-10	U	20.0	P	08/27/2025	14:13	LB136987
	Sodium	868	+/-1000	U	2000	P	08/27/2025	14:13	LB136987
CCB04	Iron	23.4	+/-50	U	100	P	08/27/2025	14:57	LB136987
	Manganese	5.94	+/-10	U	20.0	P	08/27/2025	14:57	LB136987
	Sodium	868	+/-1000	U	2000	P	08/27/2025	14:57	LB136987
CCB05	Iron	23.4	+/-50	U	100	P	08/27/2025	16:39	LB136987
	Manganese	5.94	+/-10	U	20.0	P	08/27/2025	16:39	LB136987
	Sodium	868	+/-1000	U	2000	P	08/27/2025	16:39	LB136987
CCB06	Iron	23.4	+/-50	U	100	P	08/27/2025	17:14	LB136987
	Manganese	5.94	+/-10	U	20.0	P	08/27/2025	17:14	LB136987
	Sodium	868	+/-1000	U	2000	P	08/27/2025	17:14	LB136987

Metals
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PREPARATION BLANK SUMMARY

Client: G Environmental

SDG No.: Q2964

Instrument: P4

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB169418BL	WATER			Batch Number:	PB169418		Prep Date:	08/27/2025	
	Iron	11.7	<25	U	50.0	P	08/27/2025	15:34	LB136987
	Manganese	2.97	<5	U	10.0	P	08/27/2025	15:34	LB136987
	Sodium	434	<500	U	1000	P	08/27/2025	15:34	LB136987

Metals

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INTERFERENCE CHECK SAMPLE

Client: G Environmental

SDG No.: Q2964

Contract: GENV01

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	Iron	99200	101000	98	85600	116500	08/27/2025	11:48	LB136987
	Manganese	8.32	7.0	119	-13	27	08/27/2025	11:48	LB136987
	Sodium	129			0	0	08/27/2025	11:48	LB136987
ICSAB01	Iron	101000	99300	102	84400	114500	08/27/2025	11:53	LB136987
	Manganese	484	507	96	430	584	08/27/2025	11:53	LB136987
	Sodium	101			0	0	08/27/2025	11:53	LB136987



METAL

QC

DATA

metals
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MATRIX SPIKE SUMMARY

client: <u>G Environmental</u>	level: <u>low</u>	sdg no.: <u>Q2964</u>
contract: <u>GENV01</u>		lab code: <u>ACE</u>
matrix: <u>Water</u>	sample id: <u>Q2964-02</u>	client id: <u>MW3MS</u>
Percent Solids for Sample: <u>NA</u>	Spiked ID: <u>Q2964-02MS</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
Iron	ug/L	75 - 125	4450		2810		1500	109		P
Manganese	ug/L	75 - 125	476		376		100	100		P
Sodium	ug/L	75 - 125	5510000	D	5230000	D	1500	18699		P

metals
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MATRIX SPIKE DUPLICATE SUMMARY

client: <u>G Environmental</u>	level: <u>low</u>	sdg no.: <u>Q2964</u>
contract: <u>GENV01</u>		lab code: <u>ACE</u>
matrix: <u>Water</u>	sample id: <u>Q2964-02</u>	client id: <u>MW3MSD</u>
Percent Solids for Sample: <u>NA</u>	Spiked ID: <u>Q2964-02MSD</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
Iron	ug/L	75 - 125	4660		2810		1500	123		P
Manganese	ug/L	75 - 125	466		376		100	90		P
Sodium	ug/L	75 - 125	4980000	D	5230000	D	1500	-16599		P

Metals
- 5b -

Client: G Environmental

SDG No.: Q2964

Contract: GENV01

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:	<u>G Environmental</u>	Level:	<u>LOW</u>	SDG No.:	<u>Q2964</u>
Contract:	<u>GENV01</u>			Lab Code:	<u>ACE</u>
Matrix:	<u>Water</u>	Sample ID:	<u>Q2964-02</u>	Client ID:	<u>MW3DUP</u>
Percent Solids for Sample:	NA	Duplicate ID	Q2964-02DUP	Percent Solids for Spike Sample:	NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Iron	ug/L	20	2810		2670		5		P
Manganese	ug/L	20	376		377		0		P
Sodium	ug/L	20	5230000	D	4660000	D	12		P

Metals

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DUPLICATE SAMPLE SUMMARY

Client:	<u>G Environmental</u>	Level:	<u>LOW</u>	SDG No.:	<u>Q2964</u>
Contract:	<u>GENV01</u>			Lab Code:	<u>ACE</u>
Matrix:	<u>Water</u>	Sample ID:	<u>Q2964-02MS</u>	Client ID:	<u>MW3MSD</u>
Percent Solids for Sample:	NA	Duplicate ID	Q2964-02MSD	Percent Solids for Spike Sample:	NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Iron	ug/L	20	4450		4660		5		P
Manganese	ug/L	20	476		466		2		P
Sodium	ug/L	20	5510000	D	4980000	D	10		P

Metals

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LABORATORY CONTROL SAMPLE SUMMARY

Client: G Environmental

SDG No.: Q2964

Contract: GENV01

Lab Code: ACE

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB169418BS							
Iron	ug/L	1500	1490		99	80 - 120	P
Manganese	ug/L	100	102		102	80 - 120	P
Sodium	ug/L	1500	1410		94	80 - 120	P

Metals

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ICP SERIAL DILUTIONS

SAMPLE NO.

MW3L

Lab Name: Alliance

Contract: GENV01

Lab Code: ACE **Lb No.:** lb136987 **Lab Sample ID :** Q2964-02L **SDG No.:** Q2964

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

Concentration Units: ug/L

Analyte	Initial Sample Result (I)		C	Serial Dilution Result (S)		C	% Differ- ence	Q	M
Iron		2810			2850		1		P
Manganese		376			430		14		P
Sodium		2990000	OR		5620000		88		P



METAL PREPARATION & INSTRUMENT DATA

Metals

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ICP INTERELEMEN CORRECTION FACTORS

Client: G Environmental

SDG No.: Q2964

Contract: GENV01

Lab Code: ACE

Instrument ID: _____

Date: _____

Interement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interelement Correction Factors For:				
		Al	Ca	Fe	Mg	Ag
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Metals

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ICP INTERELEMEN CORRECTION FACTORS

Client: G Environmental

SDG No.: Q2964

Contract: GENV01

Lab Code: ACE

Instrument ID: _____

Date: _____

Interement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interement Correction Factors For:				
		As	Ba	Be	Cd	Co
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	-0.0039600
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: G Environmental

SDG No.: Q2964

Contract: GENV01

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
Iron	240.488	0.0000000	0.0000000	0.0000730	0.0000000	-0.0015250
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: G Environmental

SDG No.: Q2964

Contract: GENV01

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
Iron	240.488	0.0000000	-0.0017000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000



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Metals

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ICP INTERELEMEN CORRECTION FACTORS

Client: G Environmental

SDG No.: Q2964

Contract: GENV01

Lab Code: ACE

Instrument ID: _____

Date: _____

Interement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interement Correction Factors For:				
		Sn	Ti	Tl	V	Zn
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000



METAL PREPARATION & ANALYICAL SUMMARY

Metals

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SAMPLE PREPARATION SUMMARY

Client: G Environmental

SDG No.: Q2964

Contract: GENV01

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: PB169418							
PB169418BL	PB169418BL	MB	WATER	08/27/2025	50.0	25.0	
PB169418BS	PB169418BS	LCS	WATER	08/27/2025	50.0	25.0	
Q2964-02	MW3	SAM	WATER	08/27/2025	50.0	25.0	
Q2964-02DUP	MW3DUP	DUP	WATER	08/27/2025	50.0	25.0	
Q2964-02MS	MW3MS	MS	WATER	08/27/2025	50.0	25.0	
Q2964-02MSD	MW3MSD	MSD	WATER	08/27/2025	50.0	25.0	

metals
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ANALYSIS RUN LOG

Client: G Environmental

Contract: GENV01

Lab code: ACE

Sdg no.: Q2964

Instrument id number: _____

Method: _____

Run number: LB136987

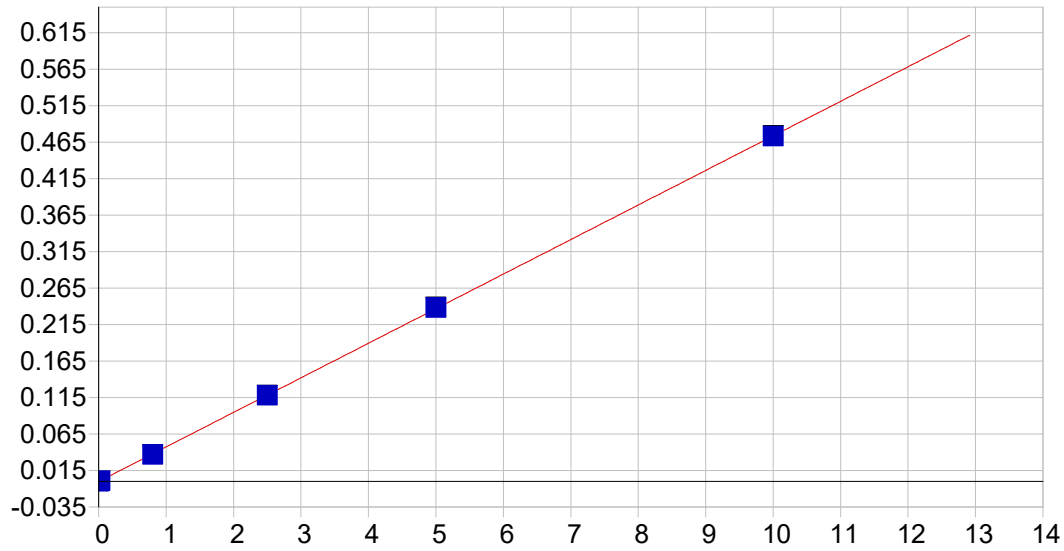
Start date: 08/27/2025

End date: 08/27/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1102	Fe,Mn,Na
S1	S1	1	1107	Fe,Mn,Na
S2	S2	1	1111	Fe,Mn,Na
S3	S3	1	1115	Fe,Mn,Na
S4	S4	1	1119	Fe,Mn,Na
S5	S5	1	1123	Fe,Mn,Na
ICV01	ICV01	1	1128	Fe,Mn,Na
LLICV01	LLICV01	1	1134	Fe,Mn,Na
ICB01	ICB01	1	1140	Fe,Mn,Na
CRI01	CRI01	1	1144	Fe,Mn,Na
ICSA01	ICSA01	1	1148	Fe,Mn,Na
ICSAB01	ICSAB01	1	1153	Fe,Mn,Na
CCV01	CCV01	1	1205	Fe,Mn,Na
CCB01	CCB01	1	1213	Fe,Mn,Na
CCV02	CCV02	1	1307	Fe,Mn,Na
CCB02	CCB02	1	1312	Fe,Mn,Na
CCV03	CCV03	1	1409	Fe,Mn,Na
CCB03	CCB03	1	1413	Fe,Mn,Na
CCV04	CCV04	1	1453	Fe,Mn,Na
CCB04	CCB04	1	1457	Fe,Mn,Na
PB169418BL	PB169418BL	1	1534	Fe,Mn,Na
PB169418BS	PB169418BS	1	1540	Fe,Mn,Na
Q2964-02	MW3	1	1544	Fe,Mn
Q2964-02DUP	MW3DUP	1	1548	Fe,Mn
Q2964-02L	MW3L	5	1553	Fe,Mn,Na
Q2964-02MS	MW3MS	1	1557	Fe,Mn
Q2964-02MSD	MW3MSD	1	1602	Fe,Mn
CCV05	CCV05	1	1624	Fe,Mn,Na
CCB05	CCB05	1	1639	Fe,Mn,Na
Q2964-02	MW3	5	1643	Na
Q2964-02DUP	MW3DUP	5	1648	Na
Q2964-02MS	MW3MS	5	1656	Na
Q2964-02MSD	MW3MSD	5	1701	Na
CCV06	CCV06	1	1710	Fe,Mn,Na
CCB06	CCB06	1	1714	Fe,Mn,Na



METAL RAW DATA

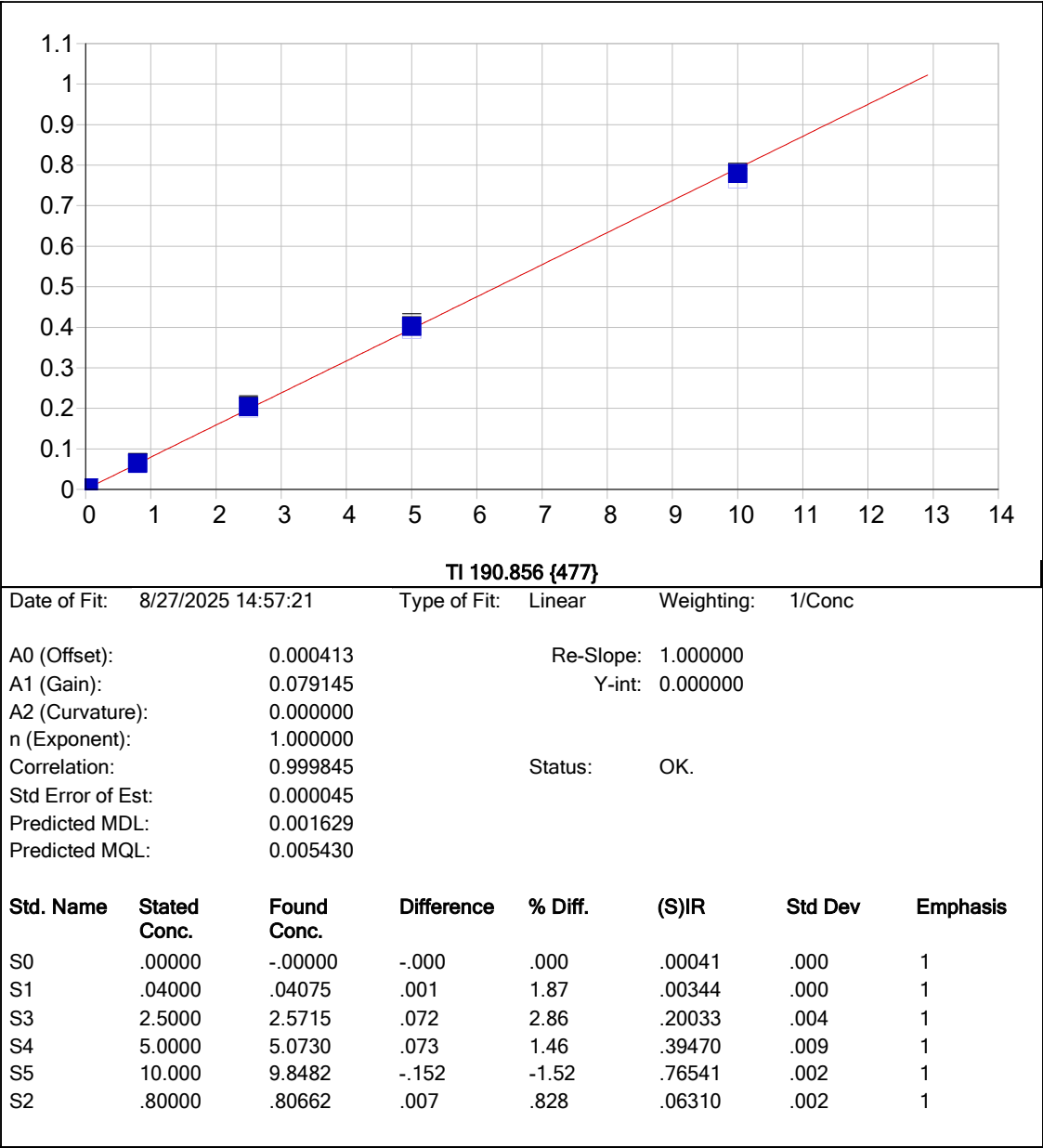


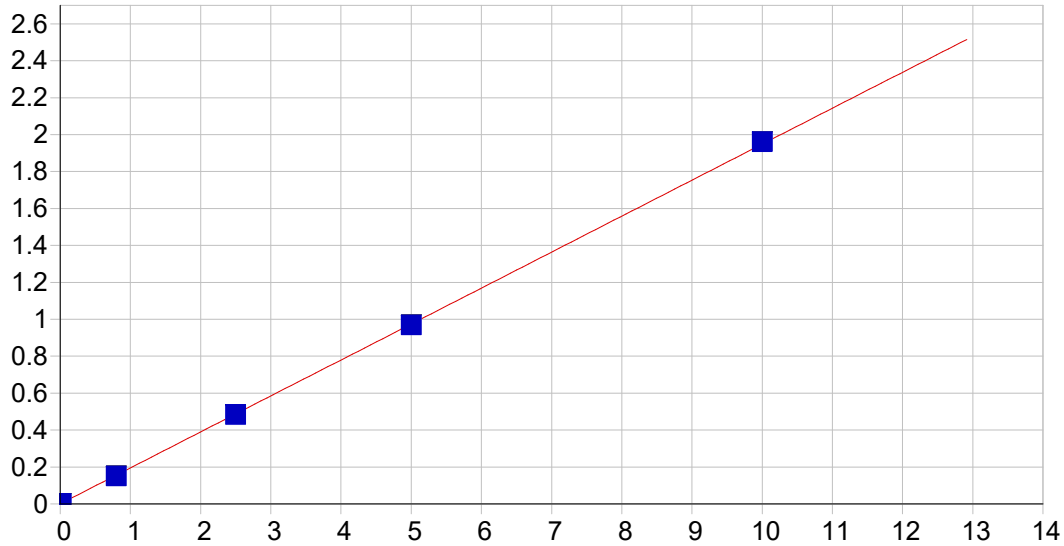
As 189.042 {479}

Date of Fit: 8/27/2025 14:57:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000113 Re-Slope: 1.000000
A1 (Gain): 0.047371 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999981 Status: OK.
Std Error of Est: 0.000007
Predicted MDL: 0.002184
Predicted MQL: 0.007281

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00011	.000	1
S1	.02000	.02055	.001	2.75	.00086	.000	1
S3	2.5000	2.4933	-.007	-.268	.11788	.000	1
S4	5.0000	5.0302	.030	.605	.23793	.001	1
S5	10.000	9.9956	-.004	-.044	.47291	.001	1
S2	.80000	.78028	-.020	-2.46	.03681	.000	1



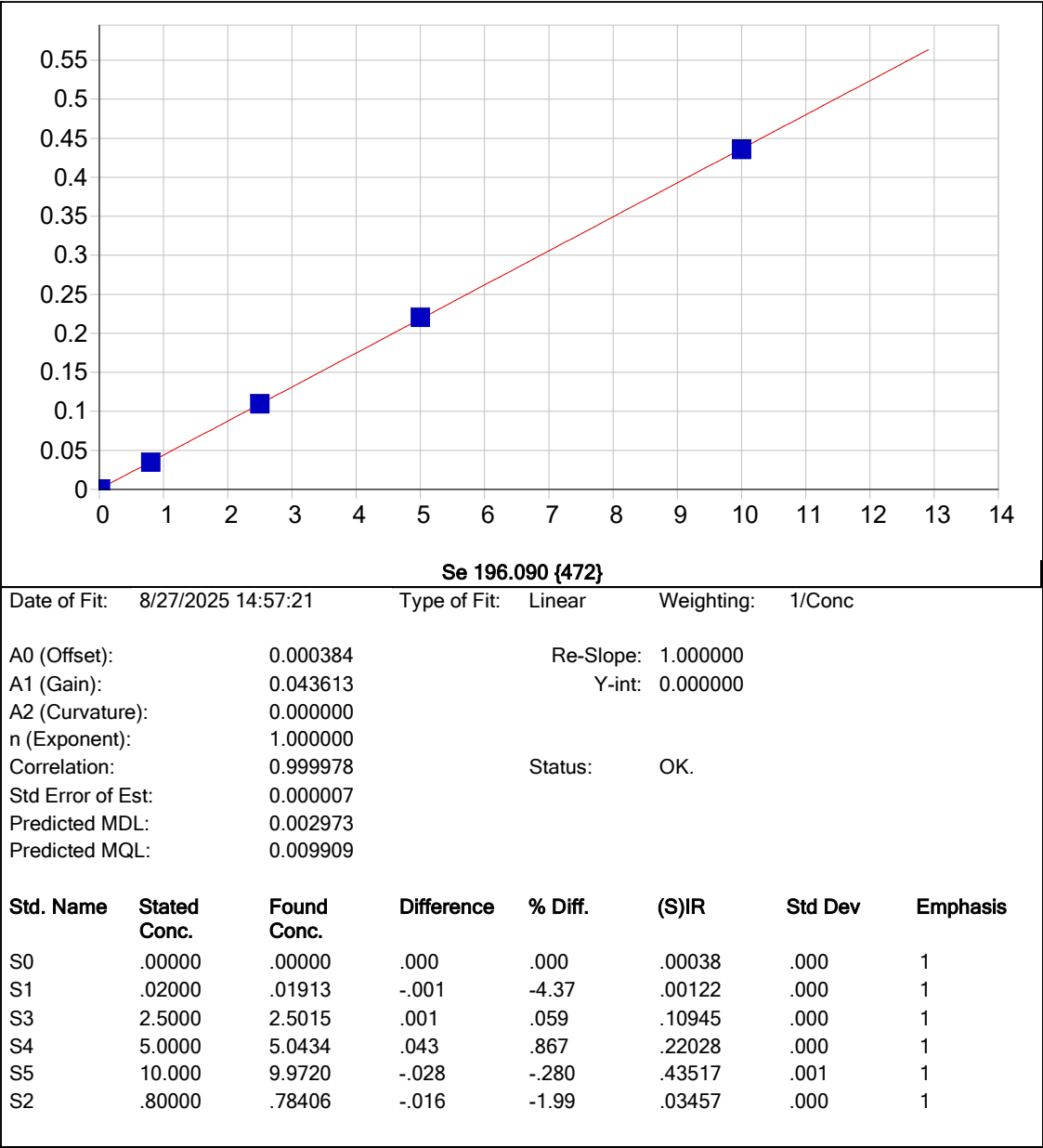


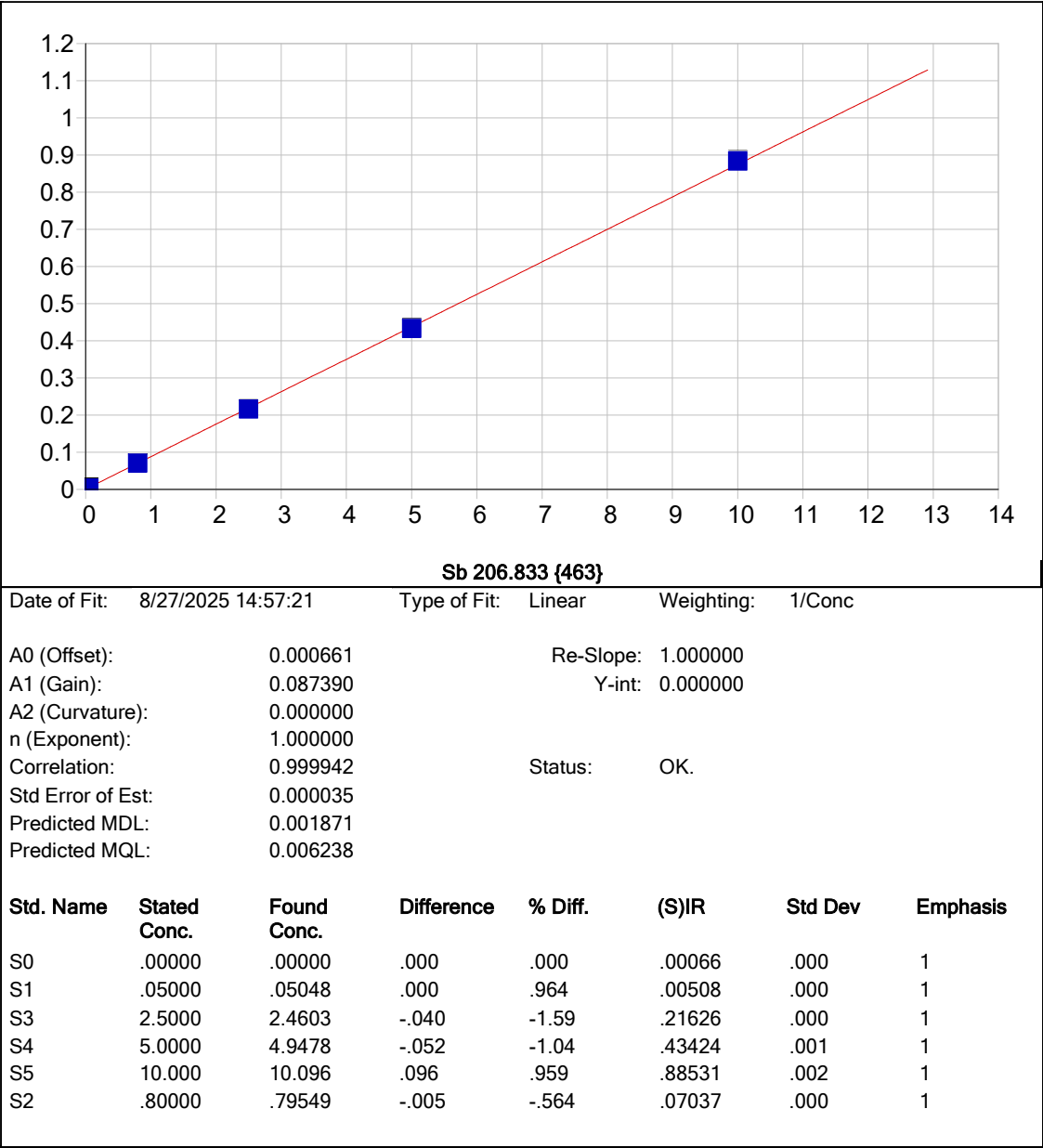
Pb 220.353 {453}

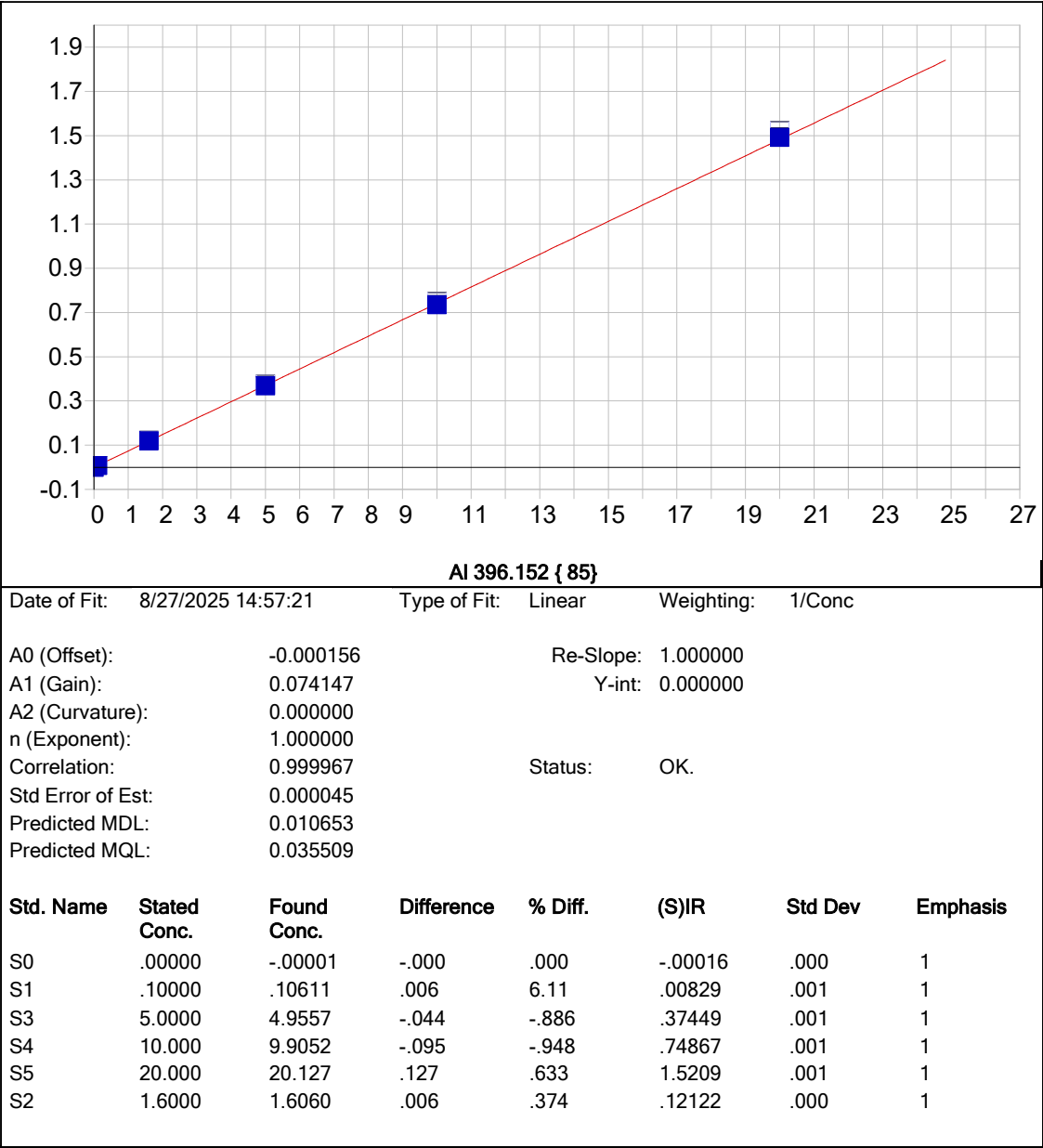
Date of Fit: 8/27/2025 14:57:21 Type of Fit: Linear Weighting: 1/Conc

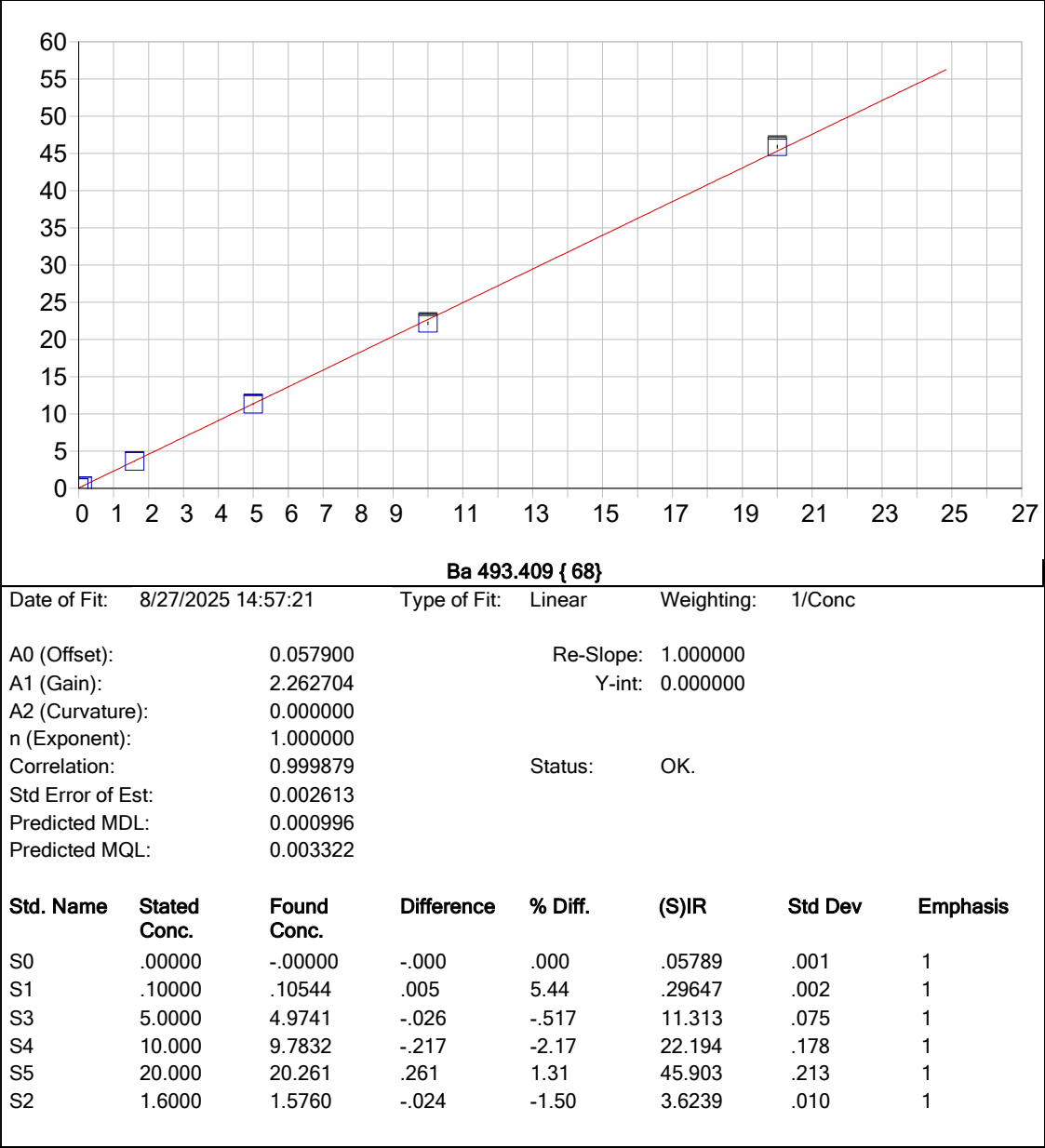
A0 (Offset): 0.000160 Re-Slope: 1.000000
A1 (Gain): 0.194780 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999954 Status: OK.
Std Error of Est: 0.000034
Predicted MDL: 0.001263
Predicted MQL: 0.004209

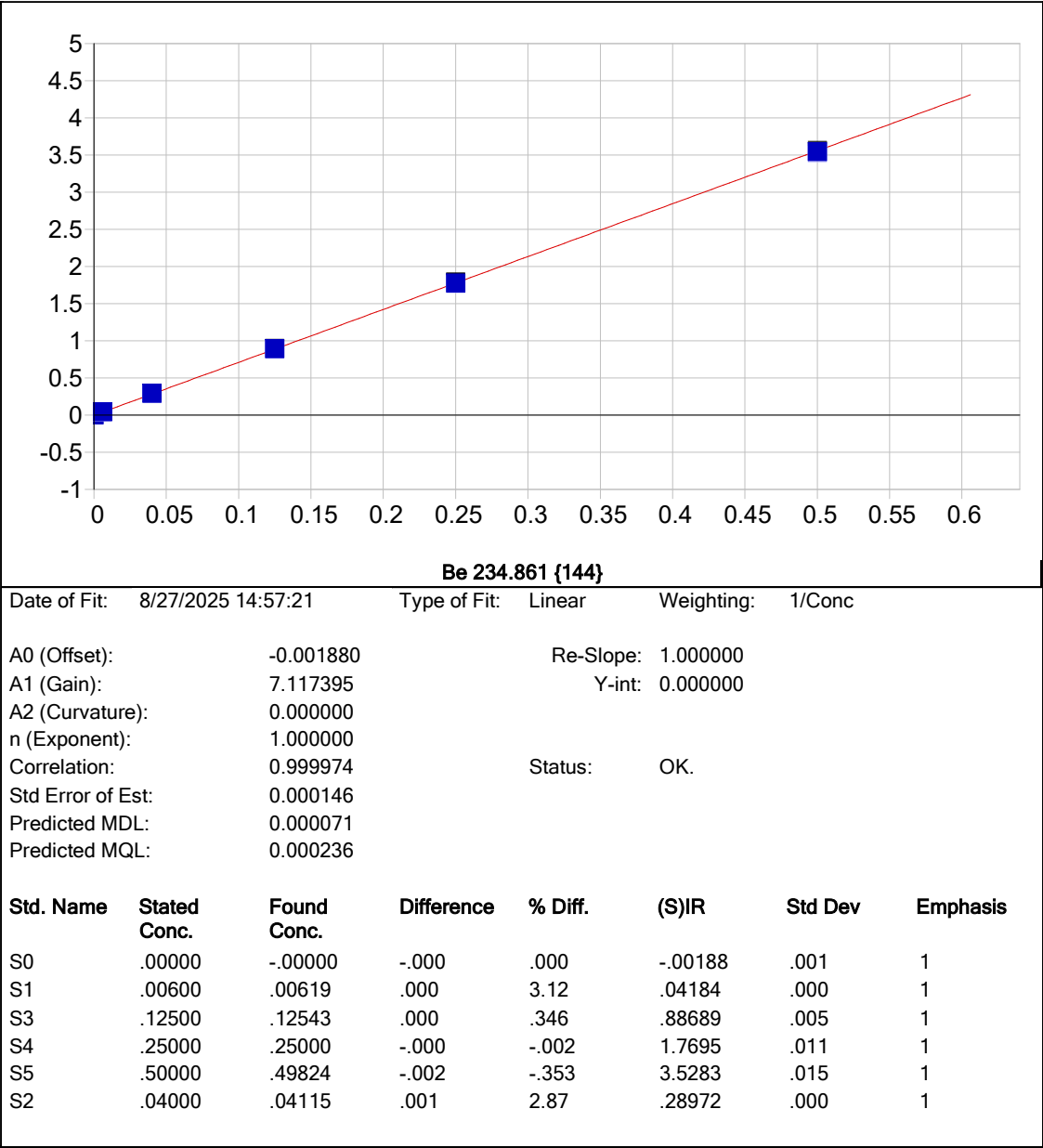
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00016	.000	1
S1	.01200	.01129	-.001	-5.95	.00231	.000	1
S3	2.5000	2.4778	-.022	-.887	.48225	.000	1
S4	5.0000	4.9763	-.024	-.475	.96836	.000	1
S5	10.000	10.072	.072	.721	1.9598	.000	1
S2	.80000	.77448	-.026	-3.19	.15084	.000	1

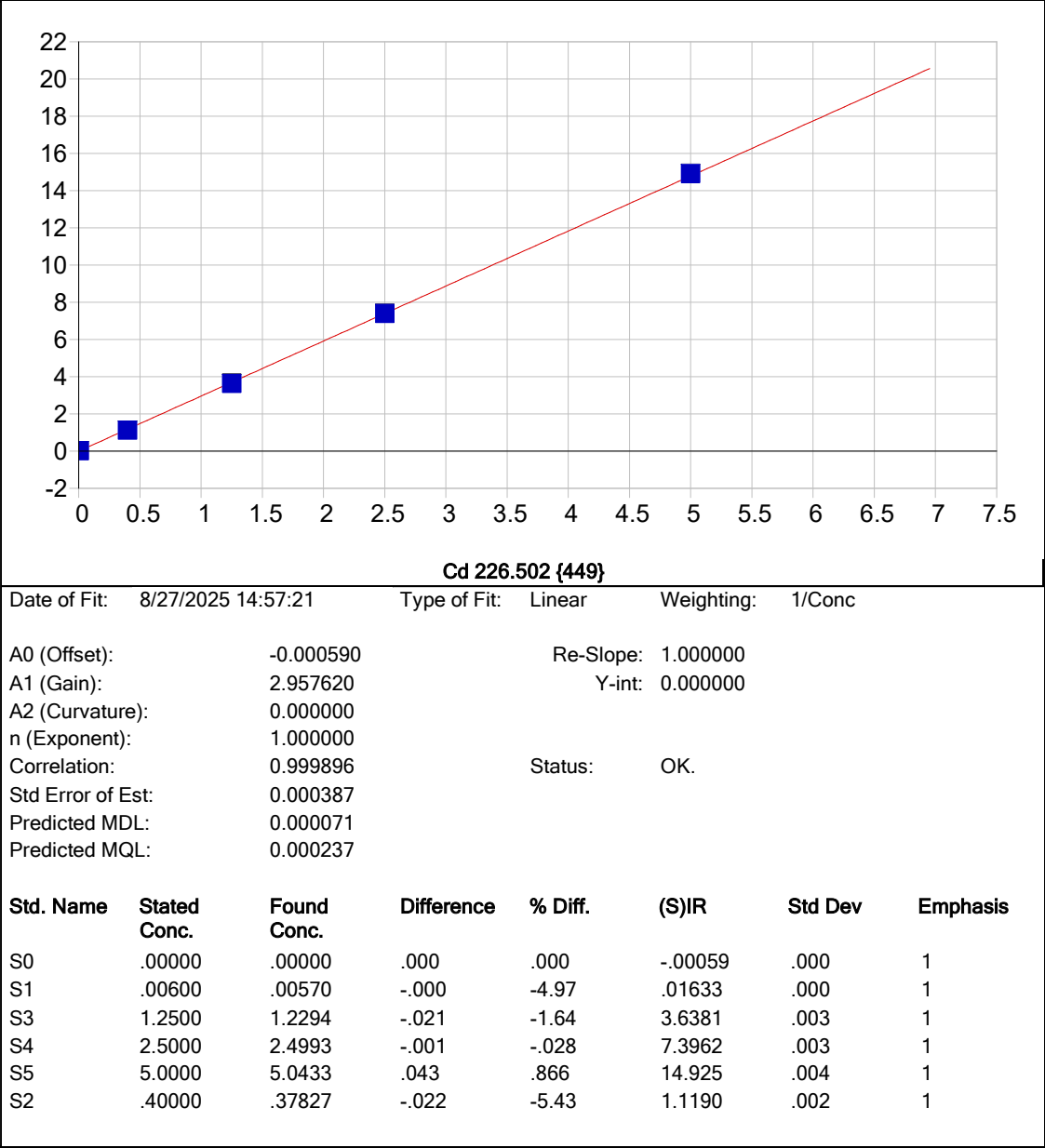


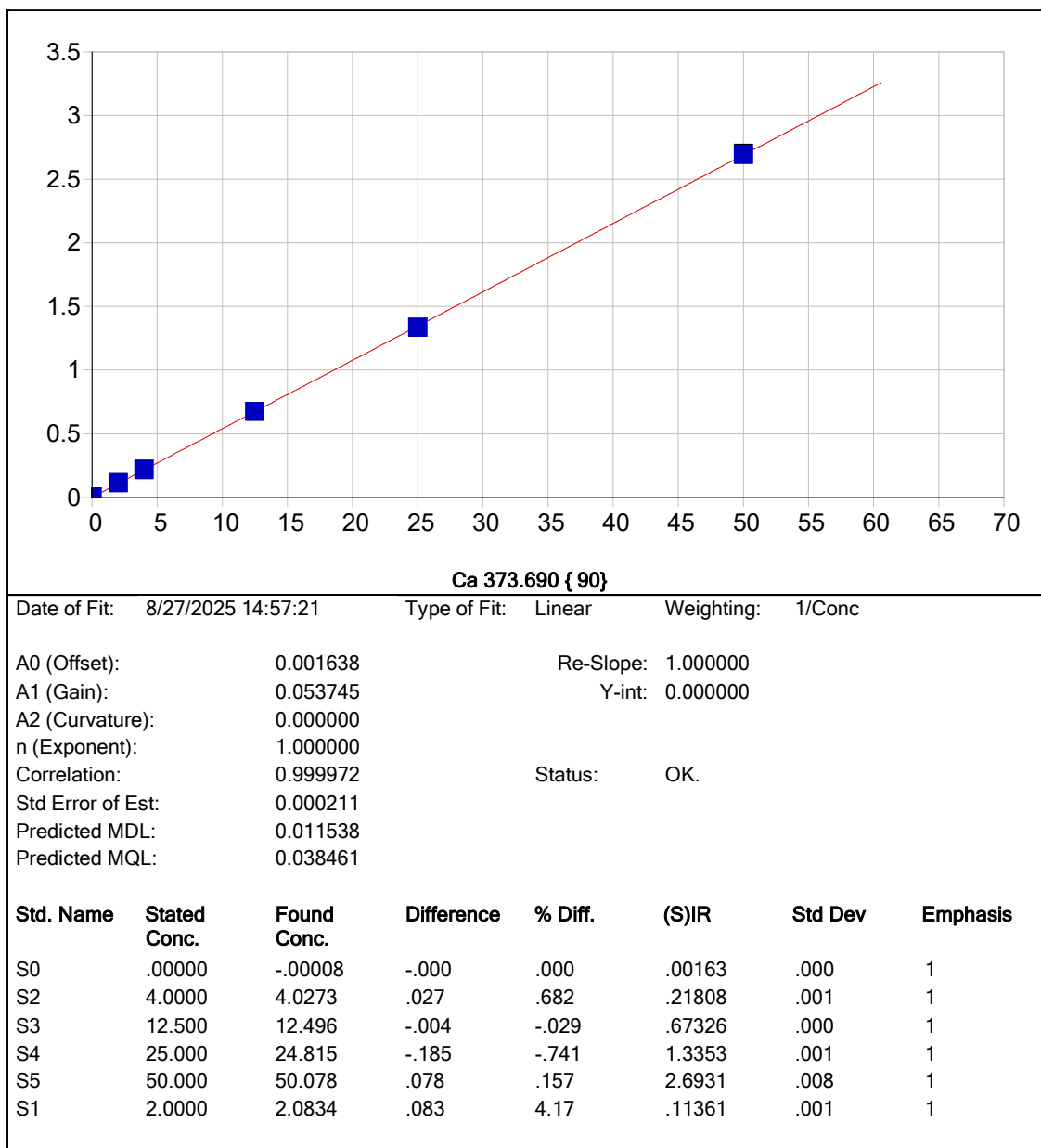


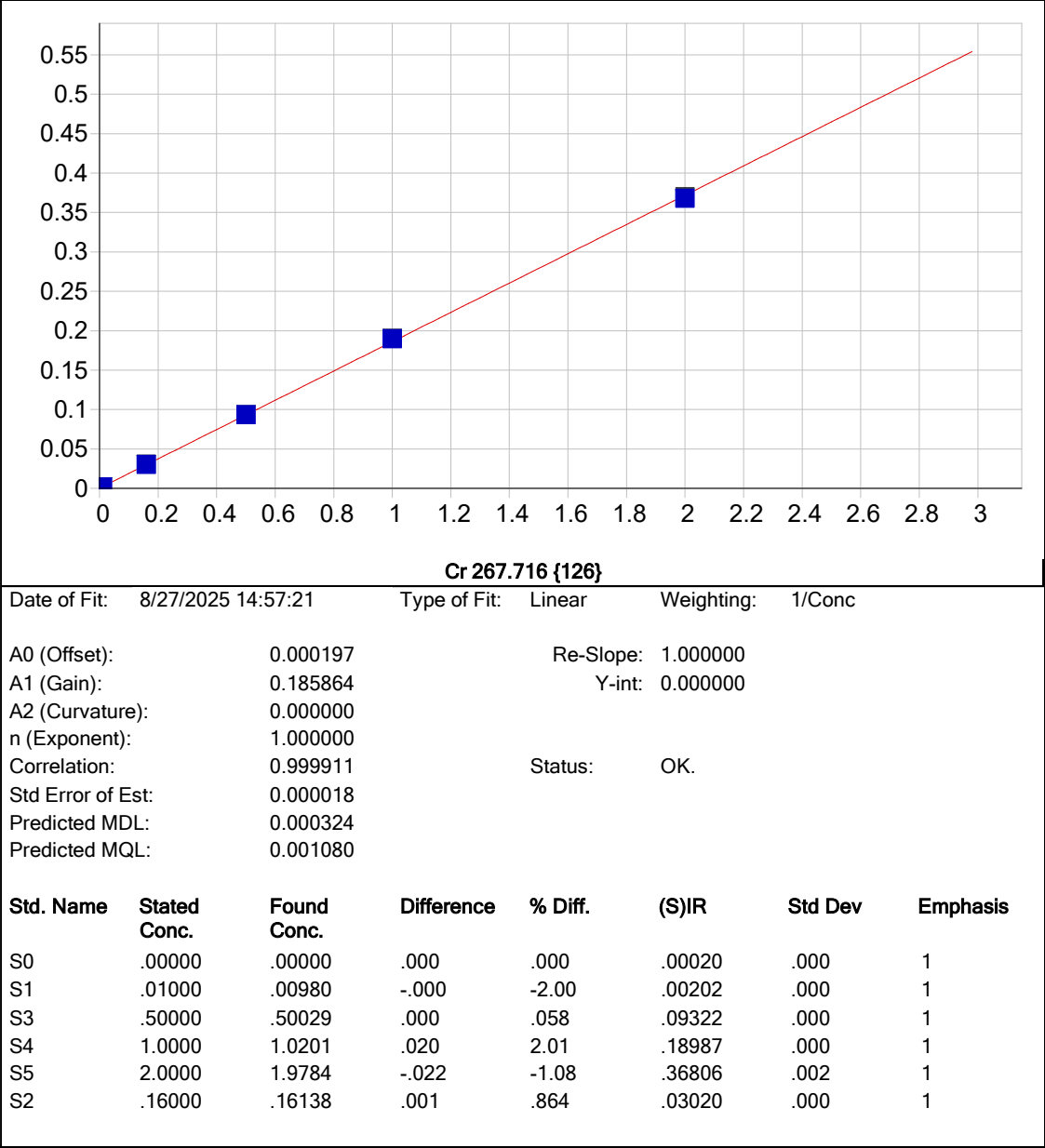


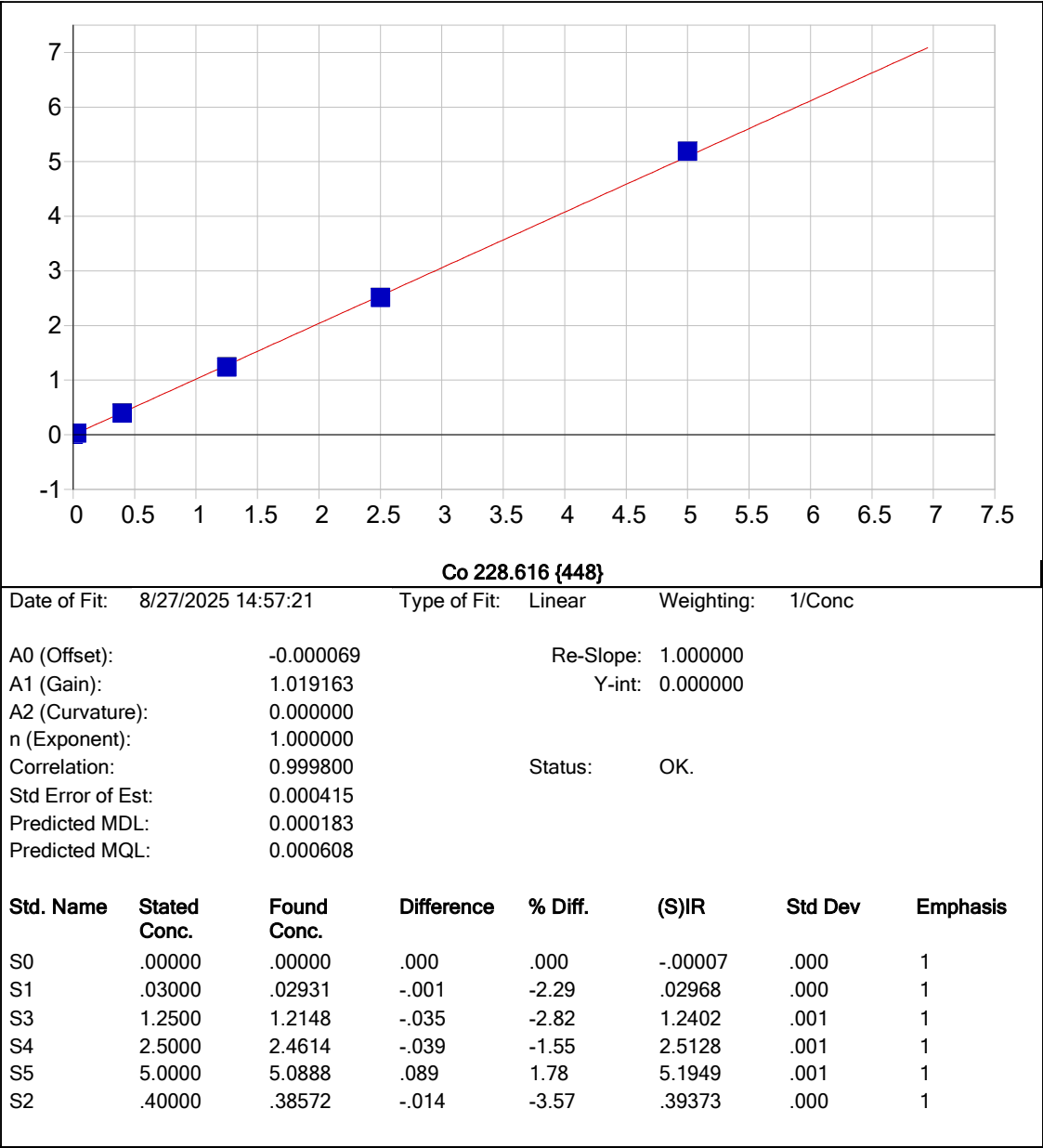


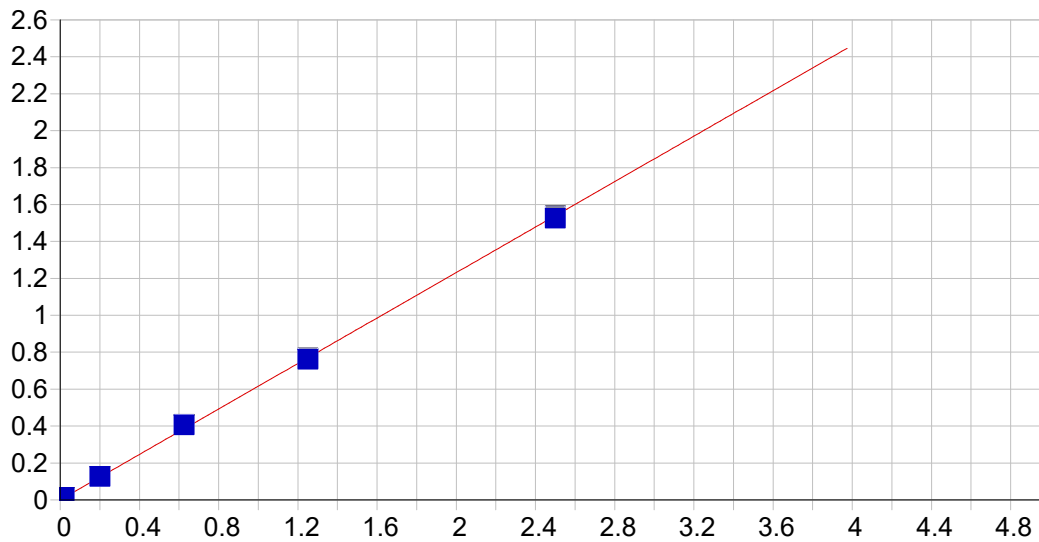










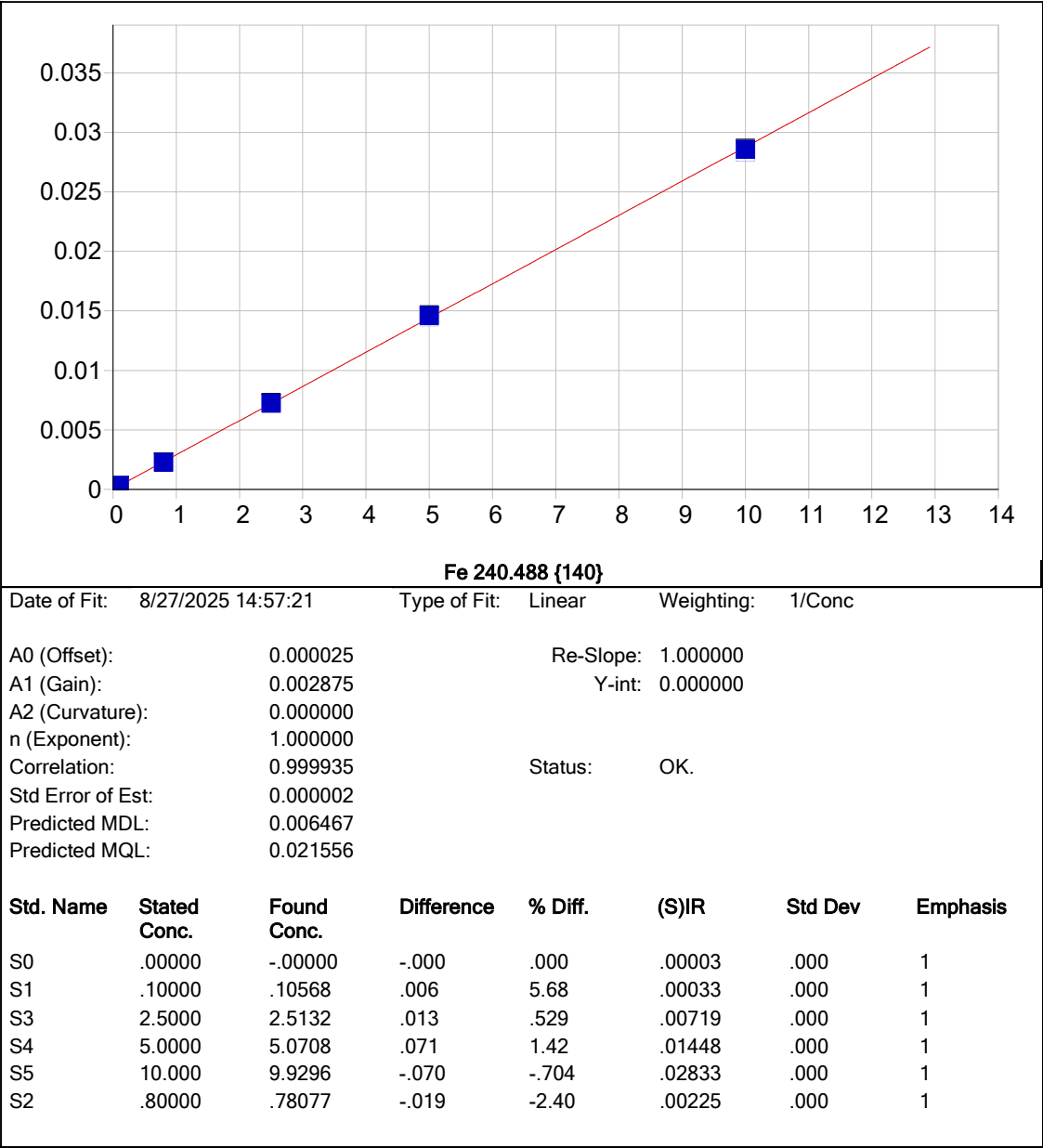


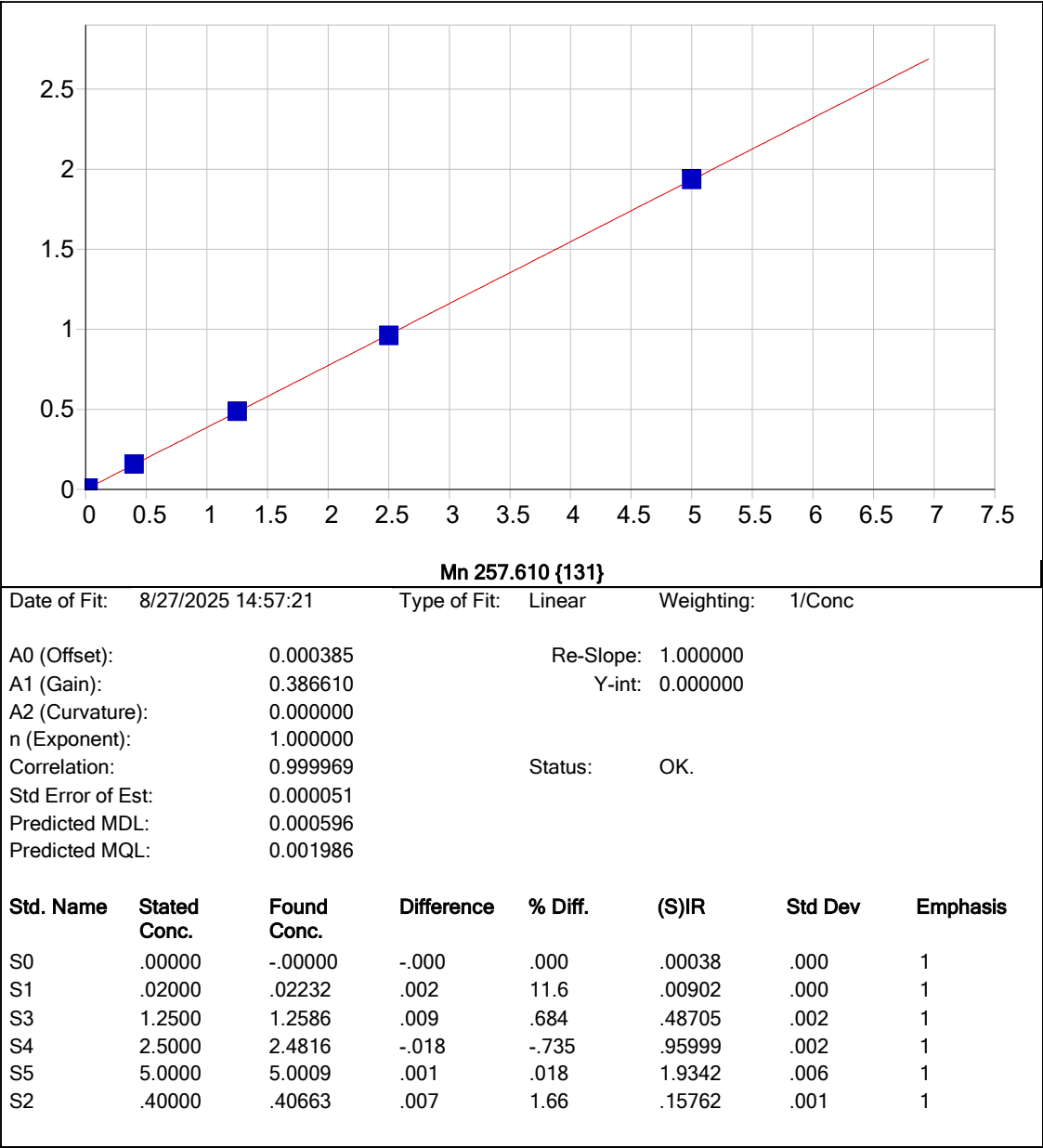
Cu 224.700 {450}

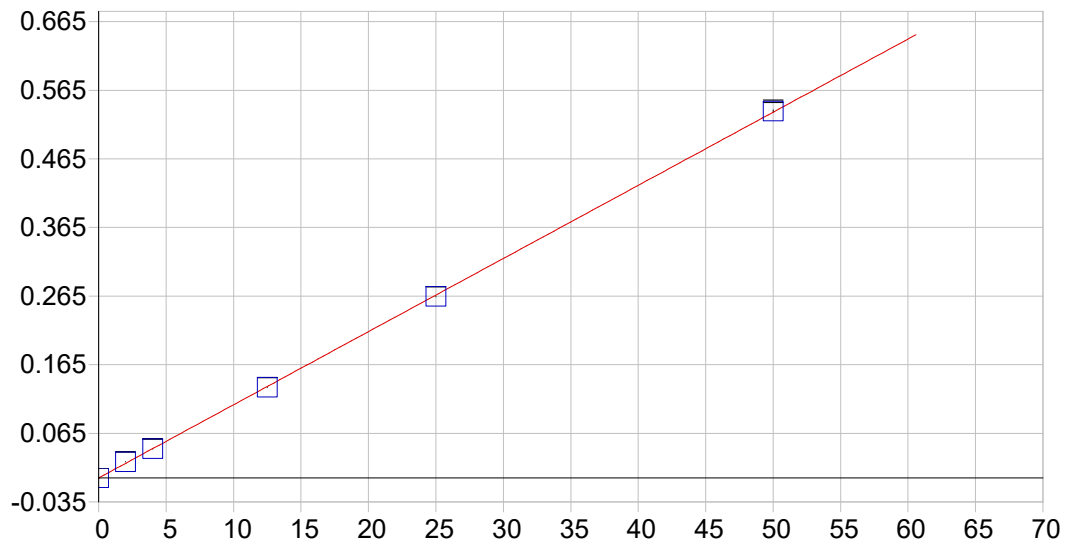
Date of Fit: 8/27/2025 14:57:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000347	Re-Slope:	1.000000
A1 (Gain):	0.615629	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999758	Status:	OK.
Std Error of Est:	0.000160		
Predicted MDL:	0.000404		
Predicted MQL:	0.001345		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00035	.000	1
S1	.02000	.02063	.001	3.16	.01319	.000	1
S3	.62500	.65845	.033	5.35	.40891	.000	1
S4	1.2500	1.2361	-.014	-1.11	.76775	.001	1
S5	2.5000	2.4761	-.024	-.957	1.5375	.002	1
S2	.20000	.20371	.004	1.85	.12678	.001	1





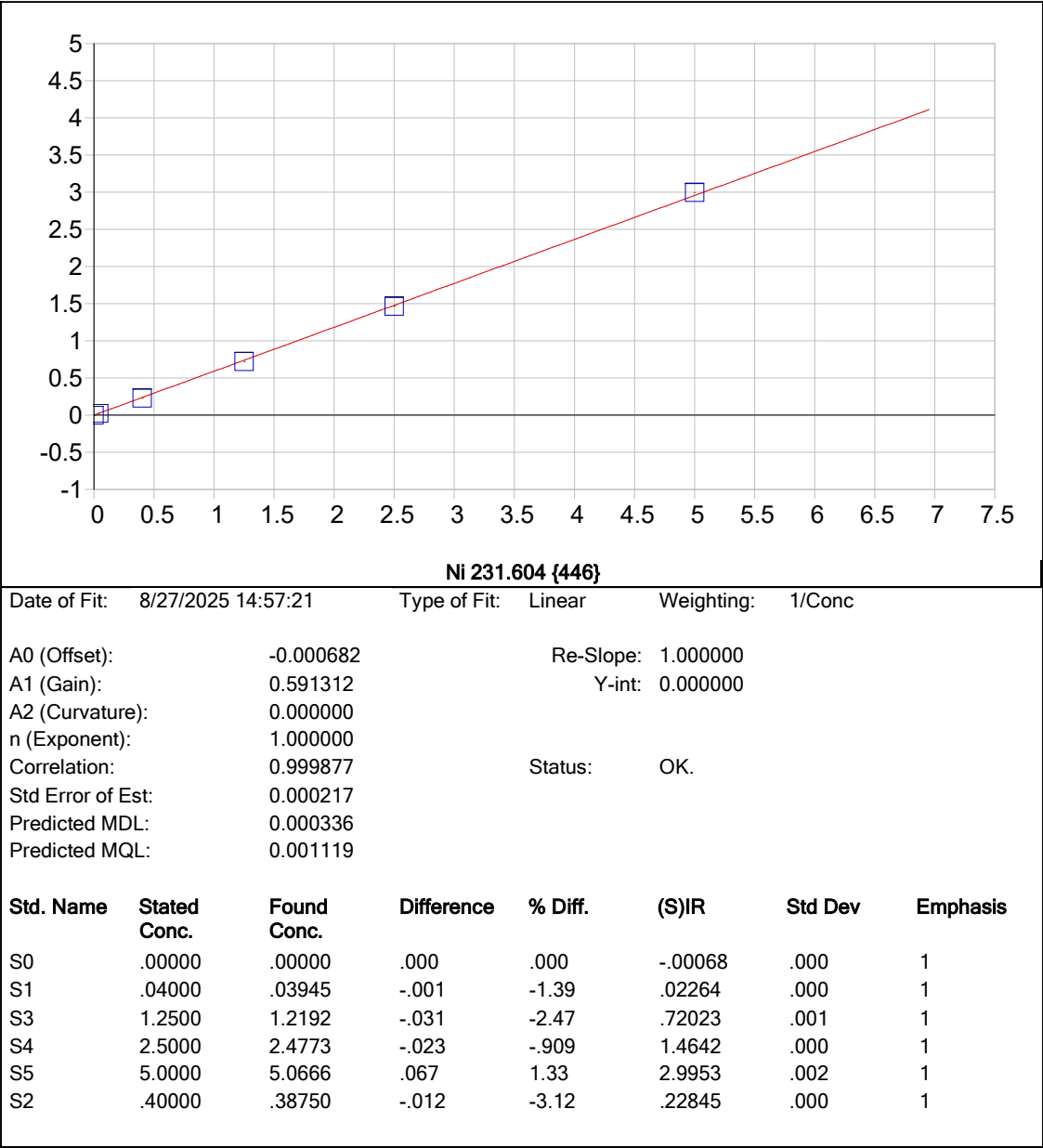


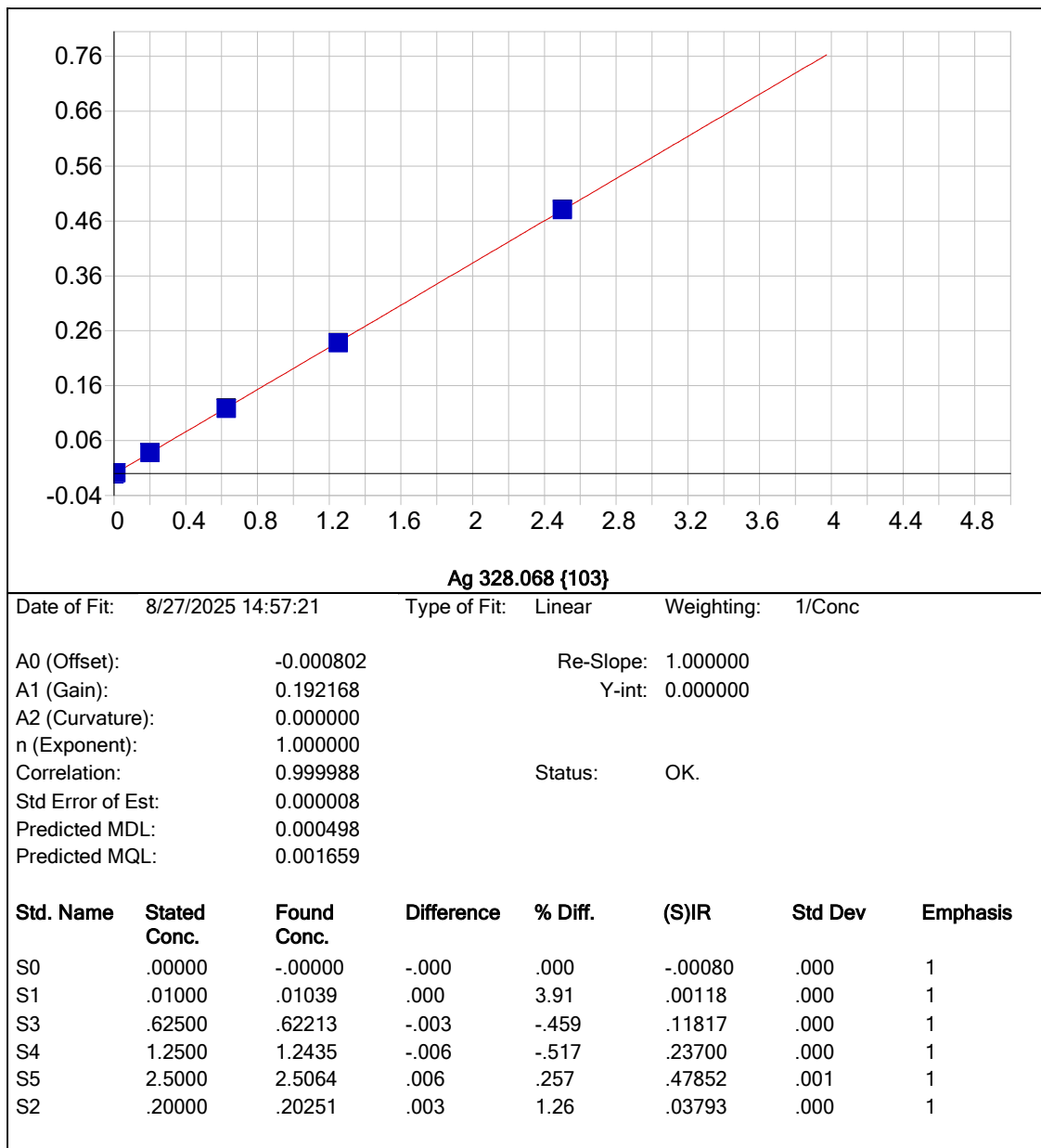
Mg 279.079 {121}

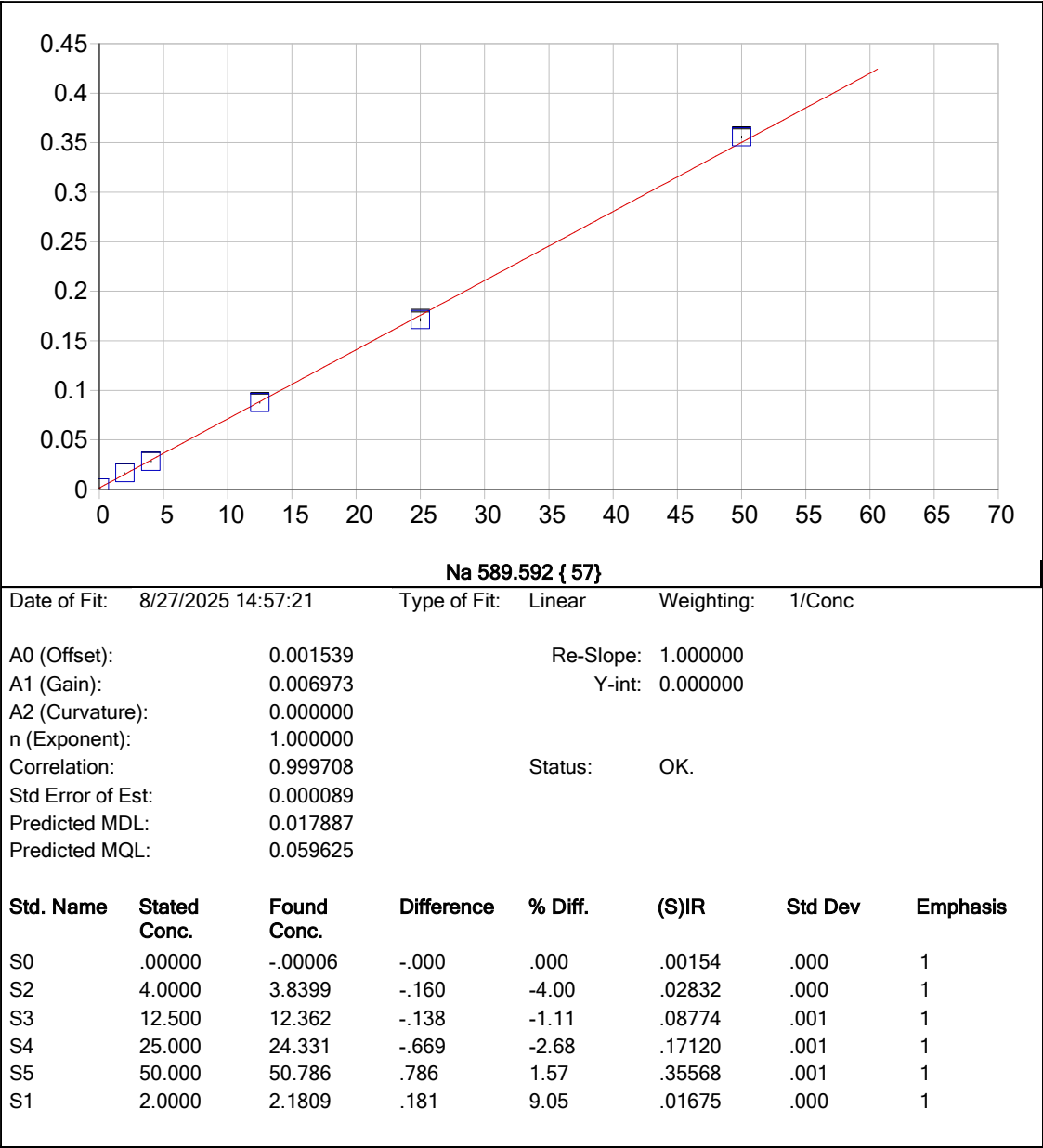
Date of Fit: 8/27/2025 14:57:21 Type of Fit: Linear Weighting: 1/Conc

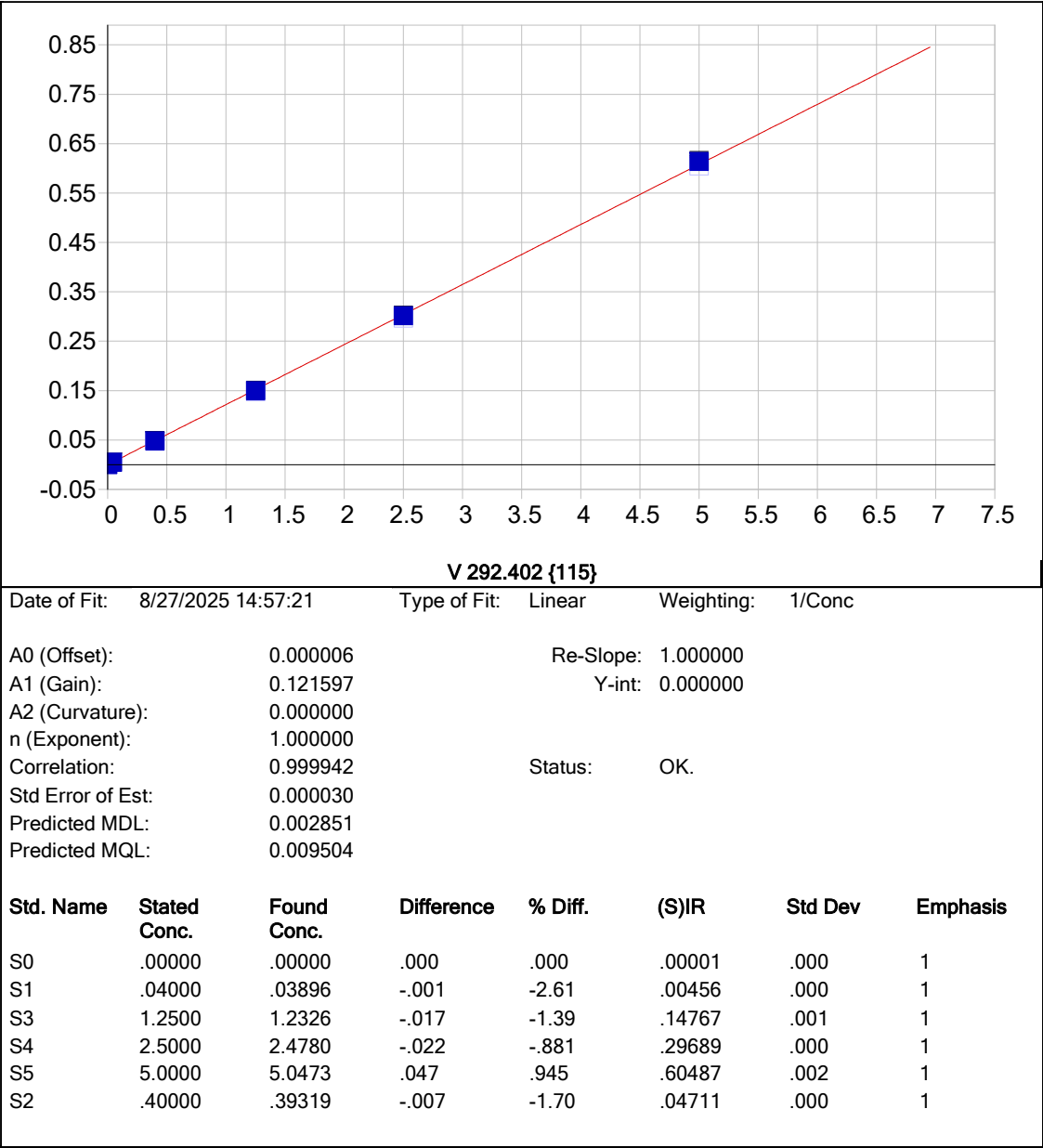
A0 (Offset): -0.000081 Re-Slope: 1.000000
A1 (Gain): 0.010662 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999858 Status: OK.
Std Error of Est: 0.000095
Predicted MDL: 0.027791
Predicted MQL: 0.092635

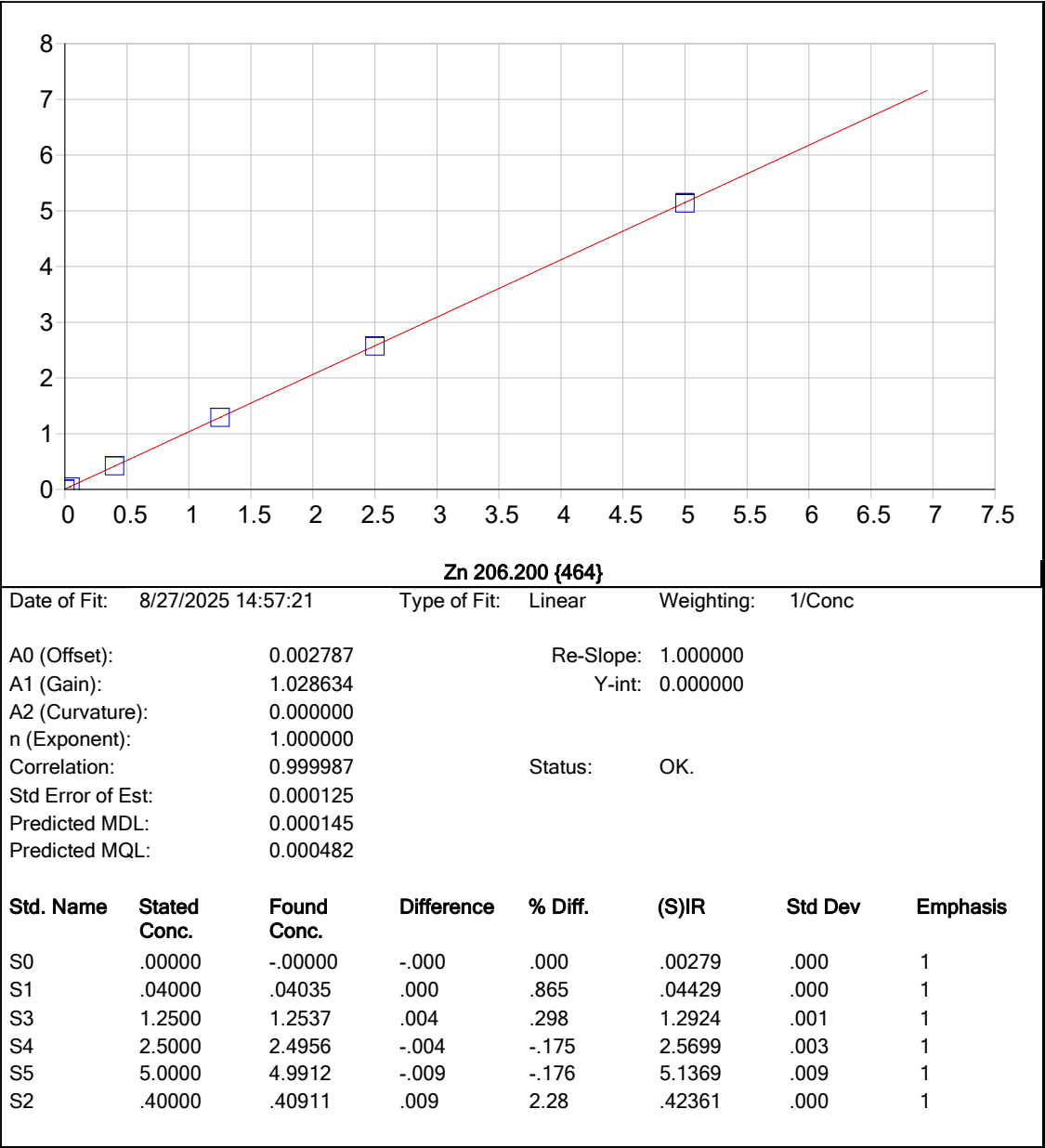
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00018	-.000	.000	-.00008	.000	1
S2	4.0000	3.9968	-.003	-.080	.04253	.000	1
S3	12.500	12.366	-.134	-1.07	.13177	.000	1
S4	25.000	24.788	-.212	-8.49	.26421	.000	1
S5	50.000	50.135	.135	.270	.53447	.002	1
S1	2.0000	2.2143	.214	10.7	.02353	.000	1

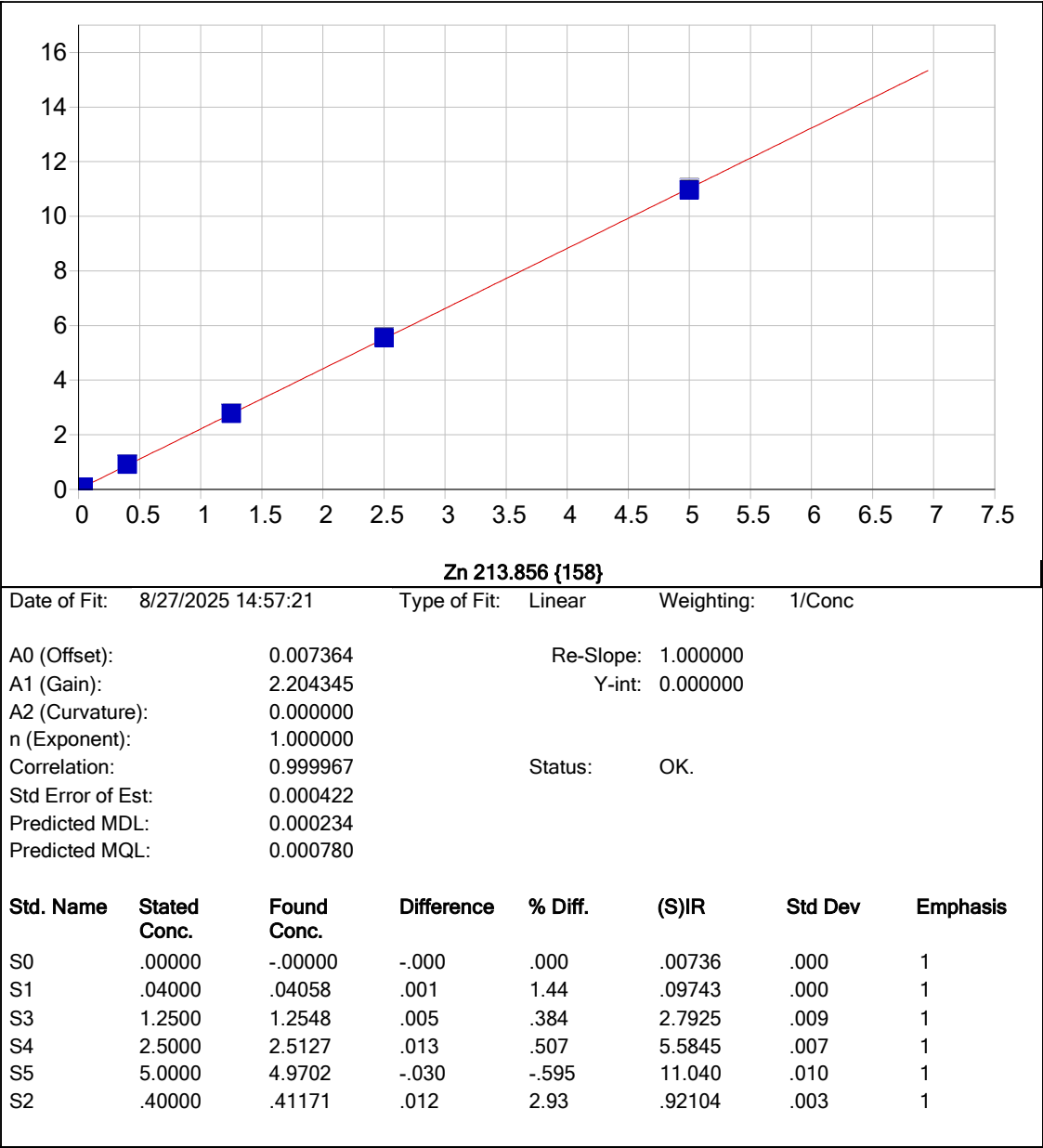


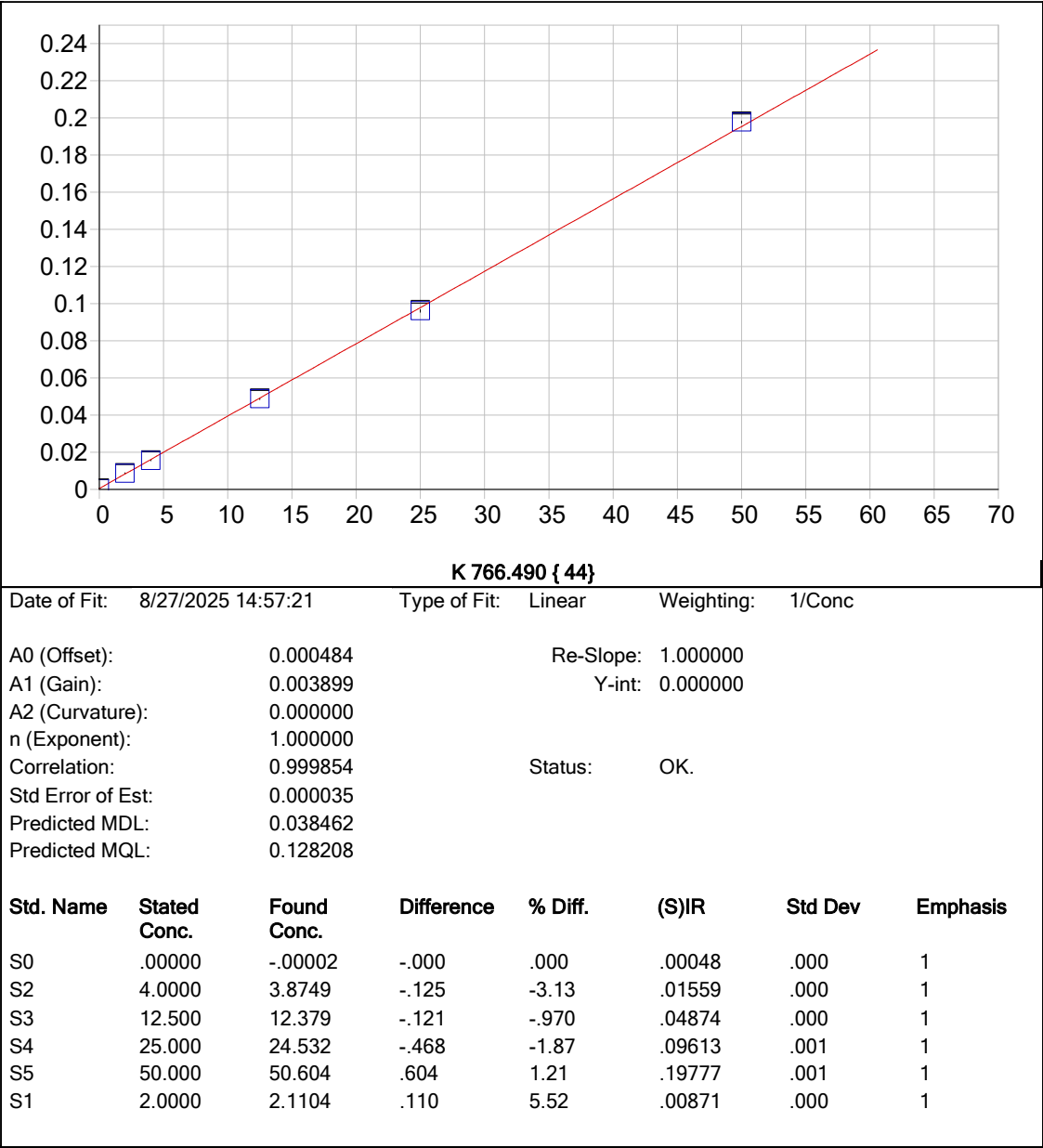


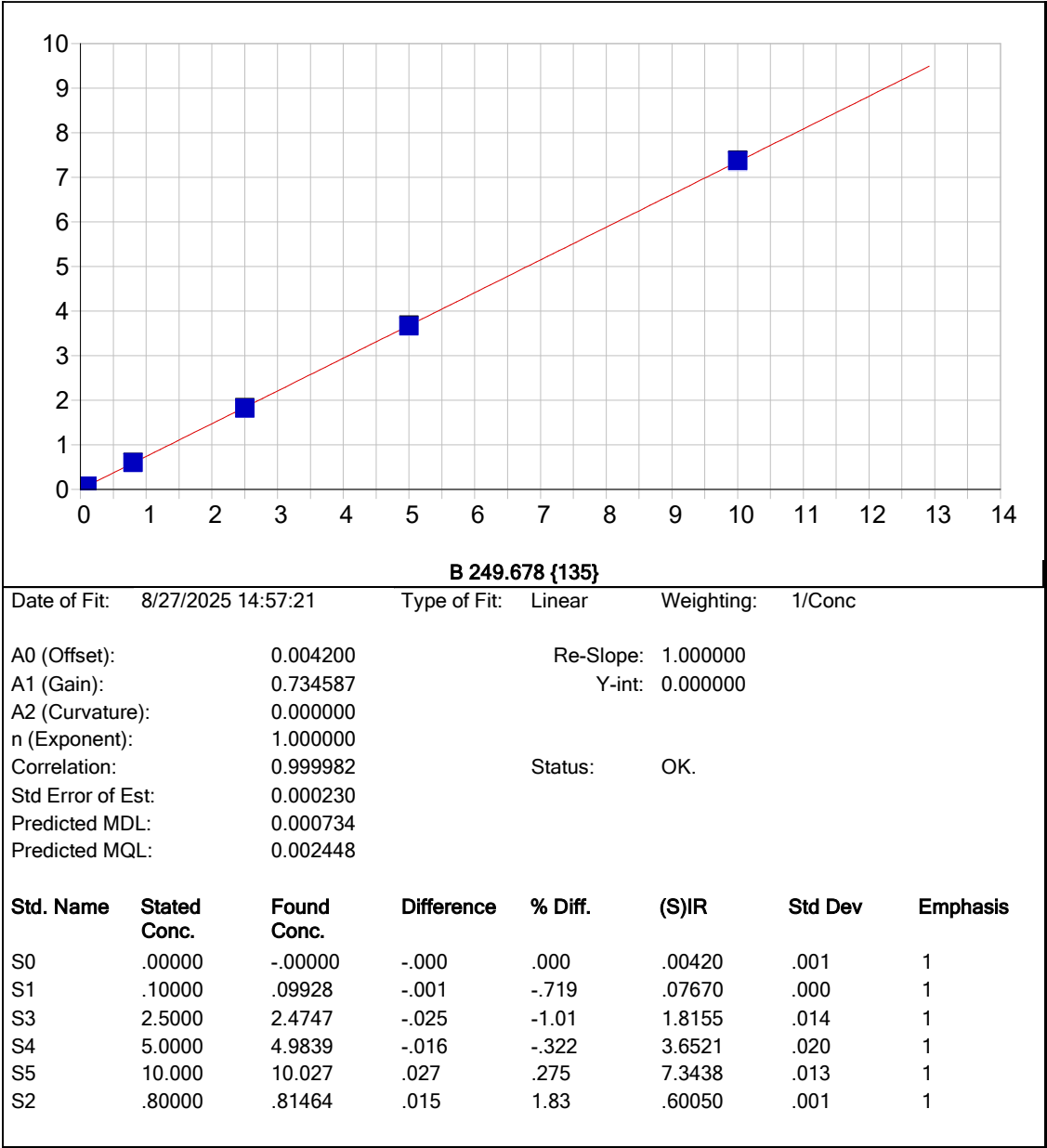


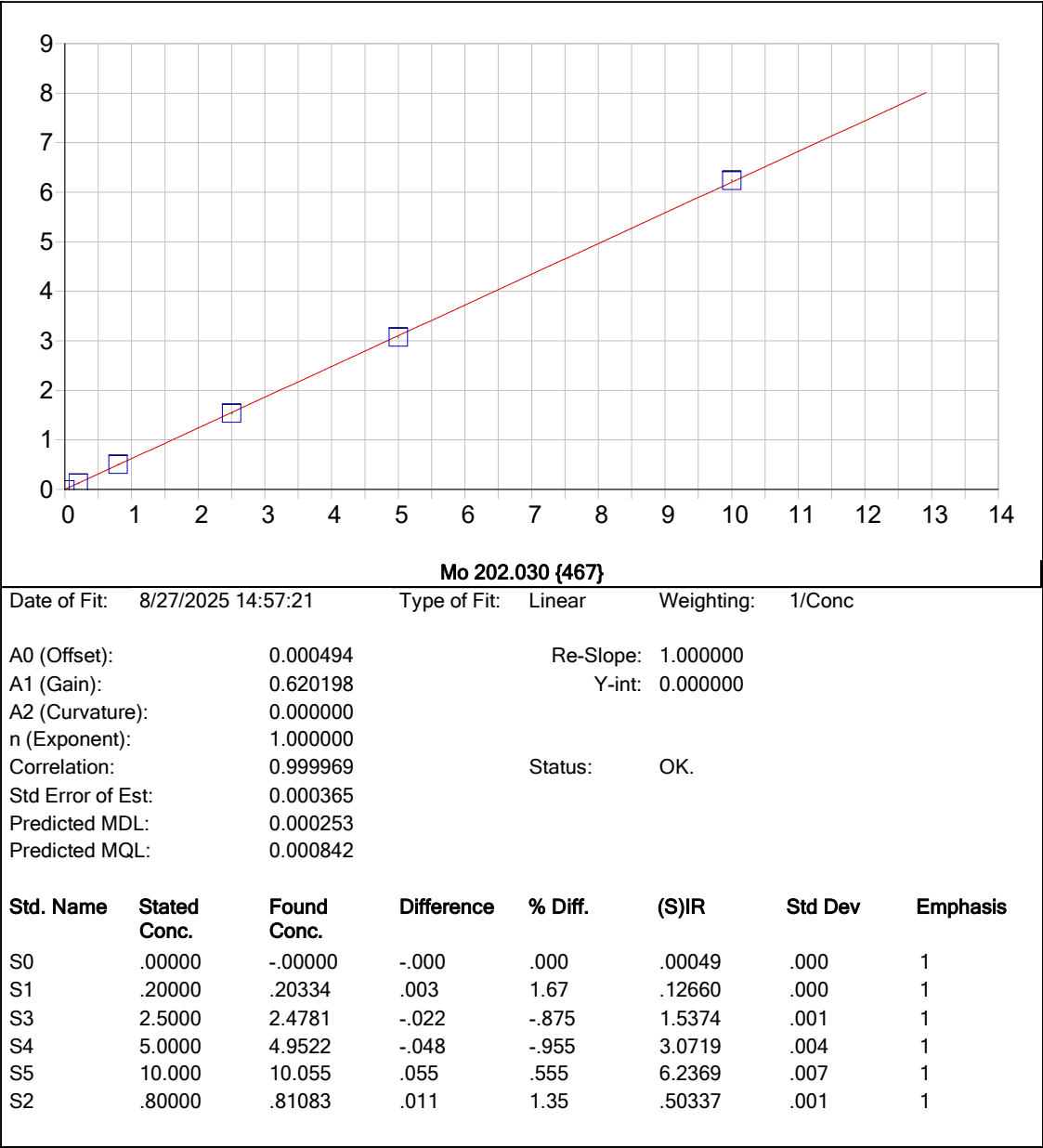


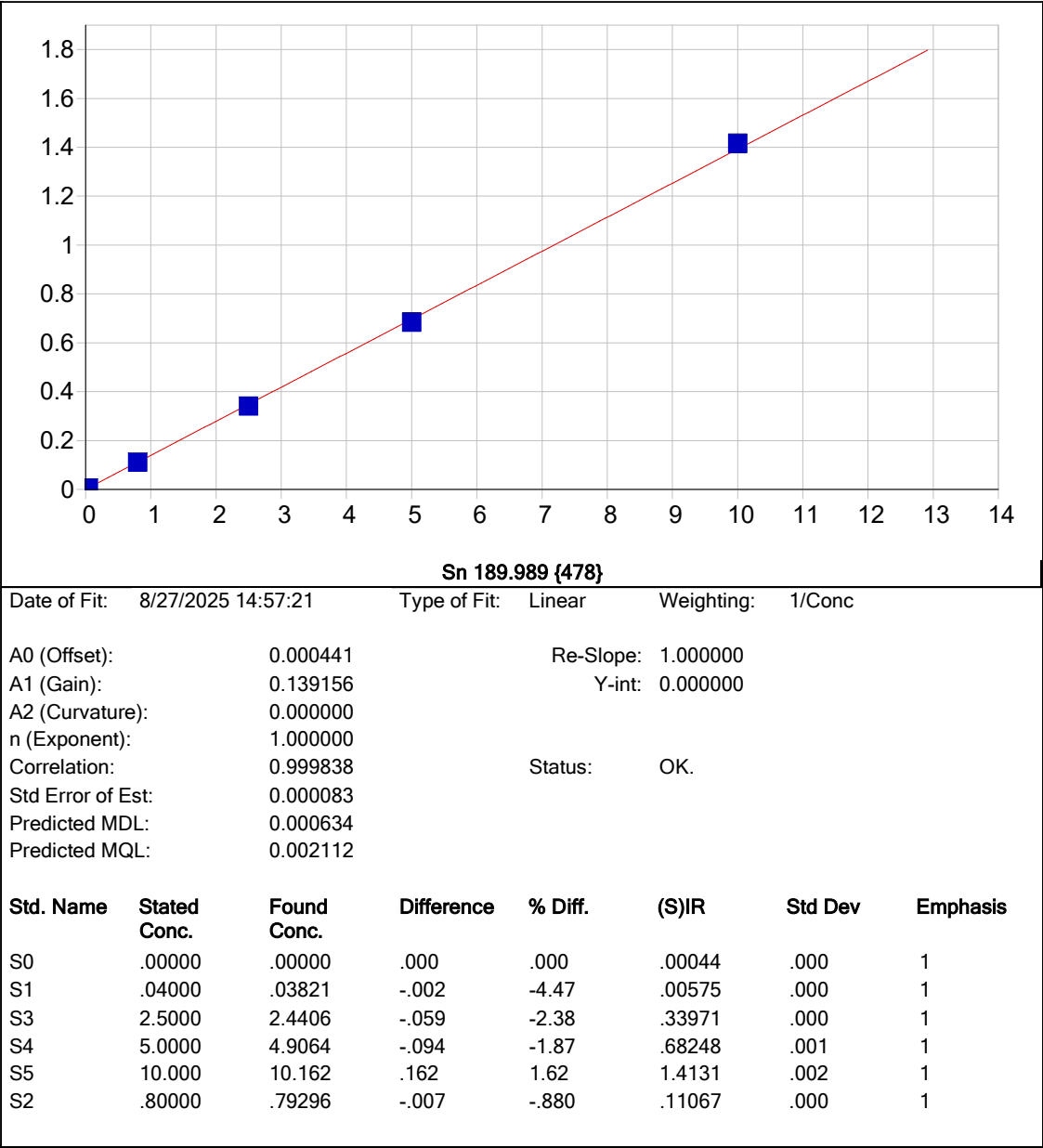


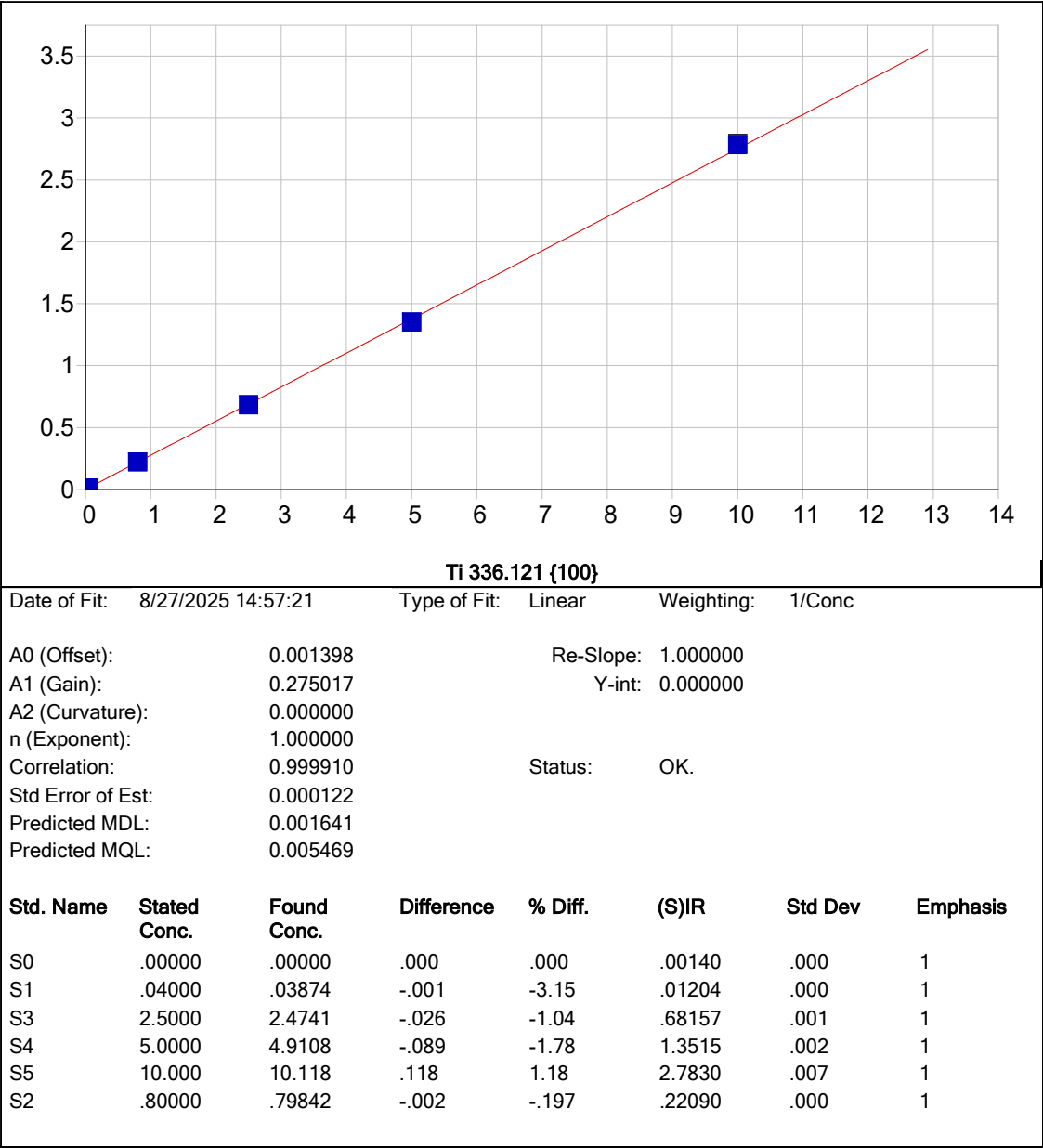


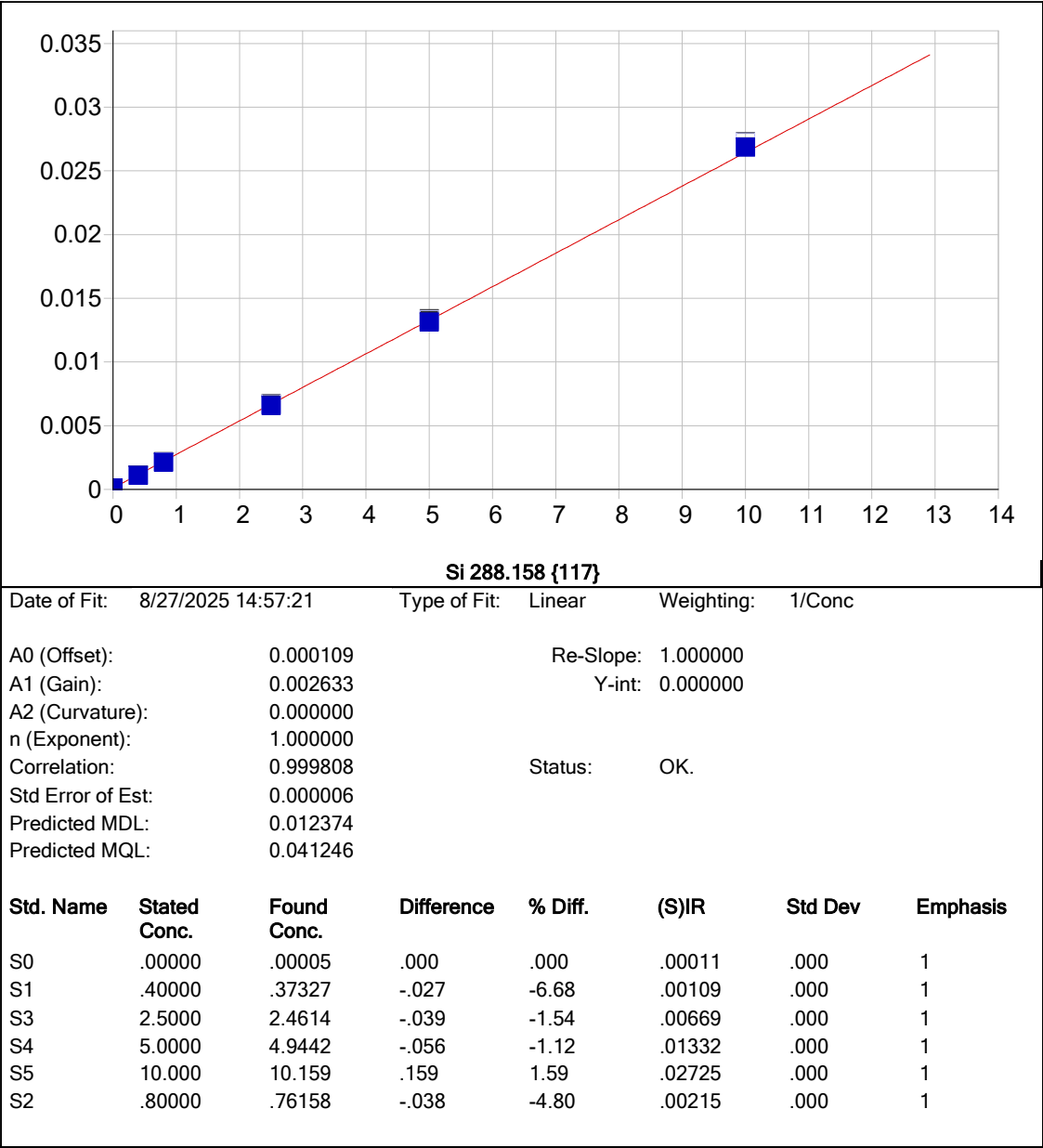


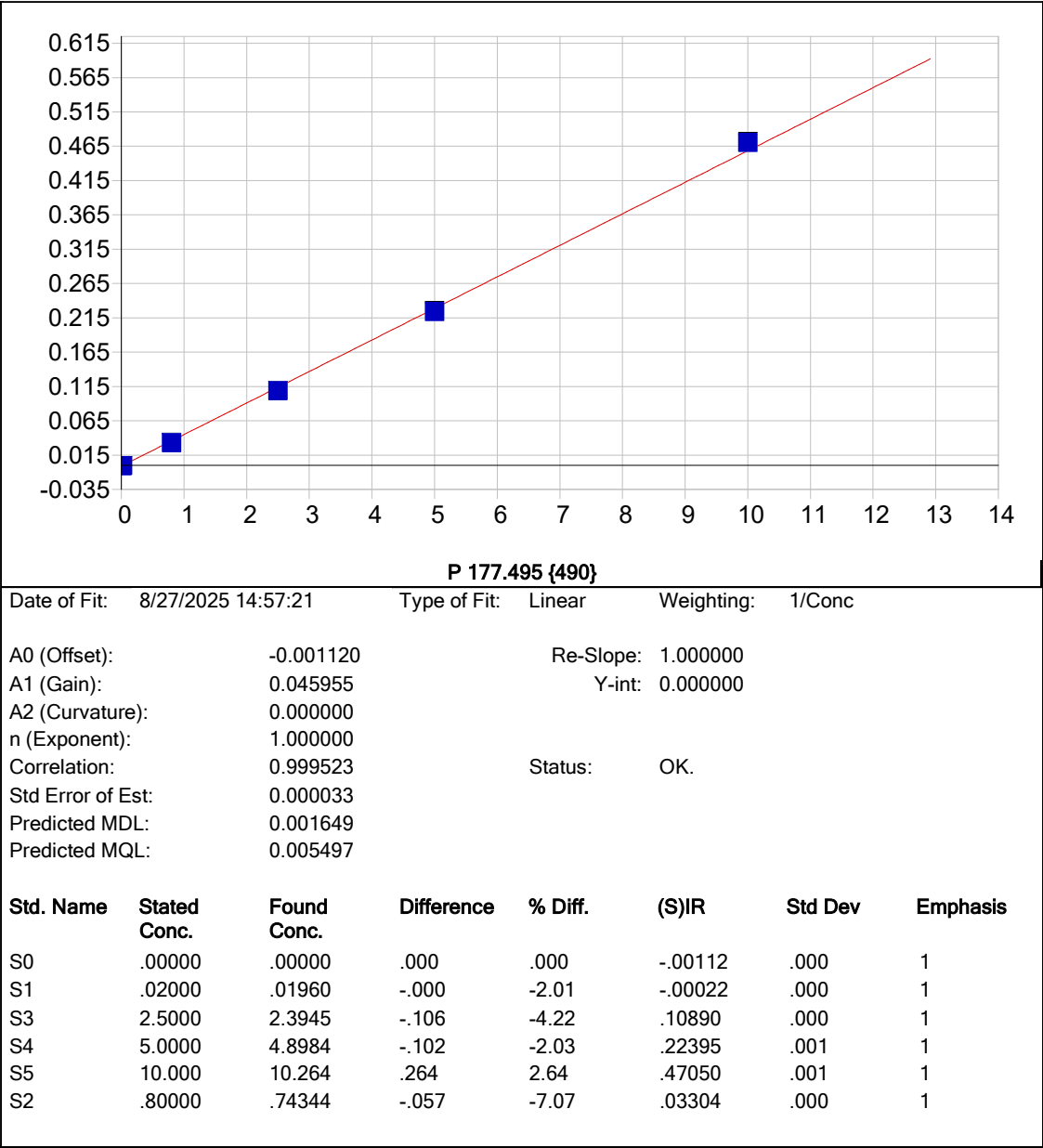


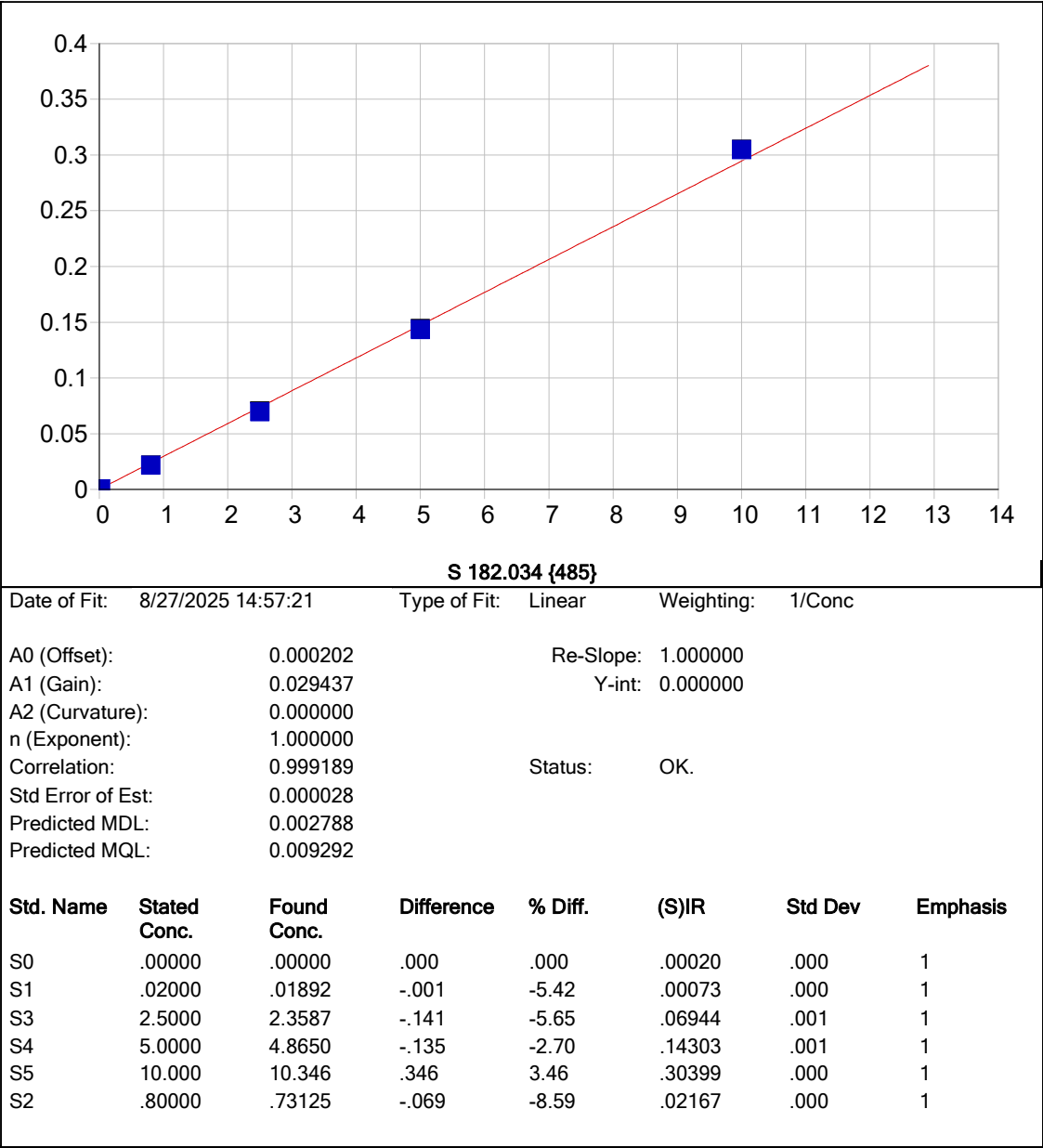


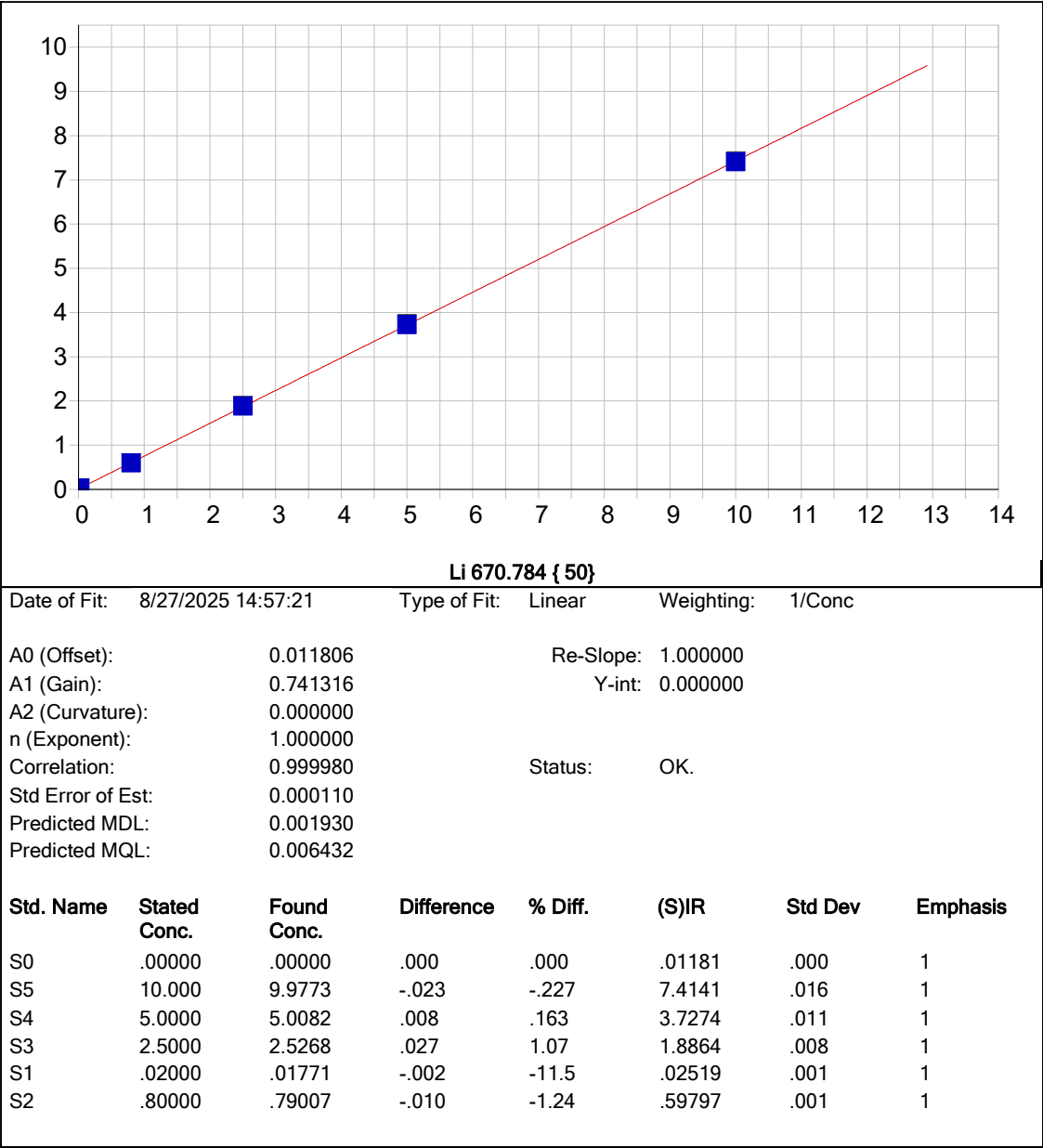


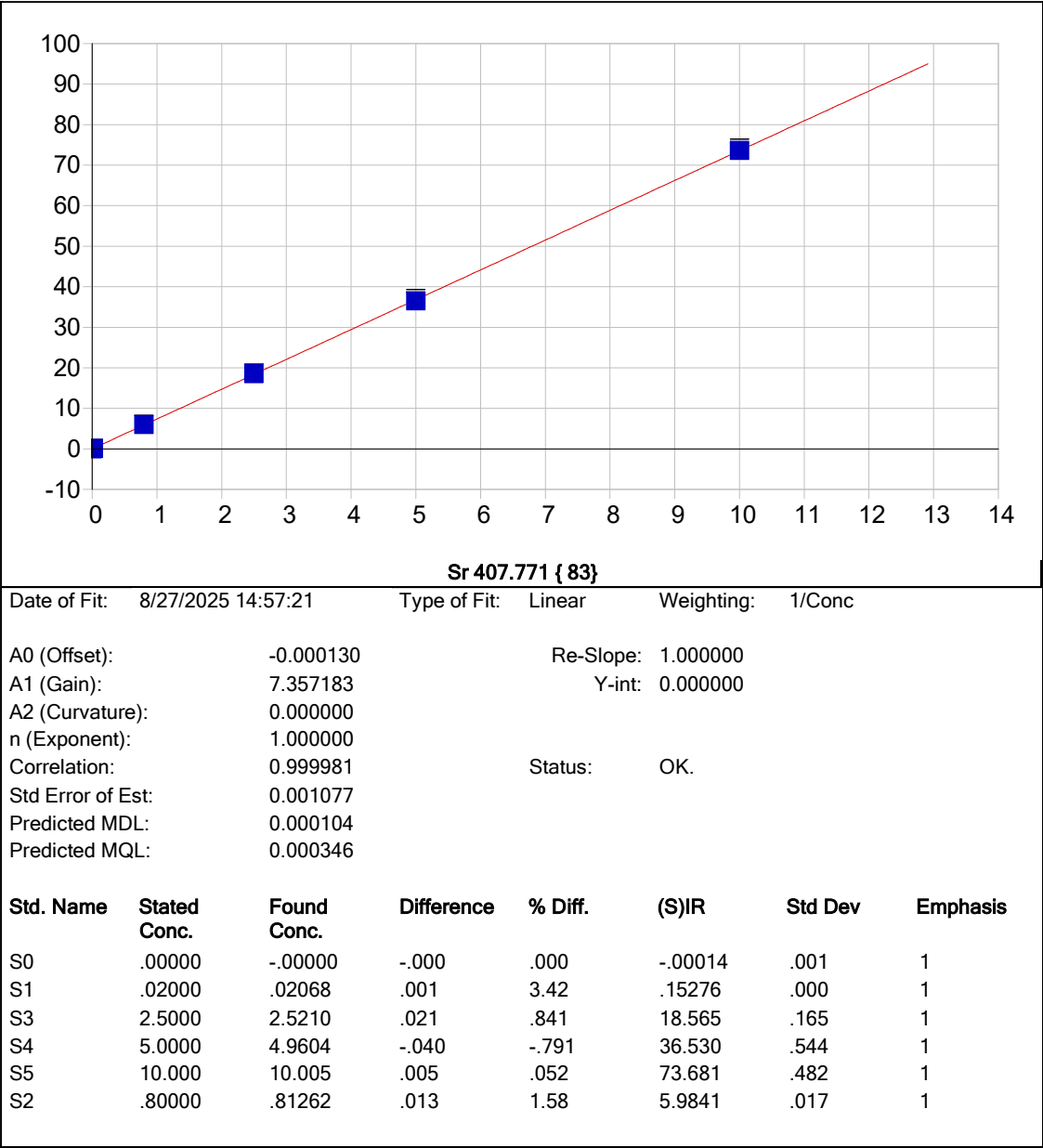


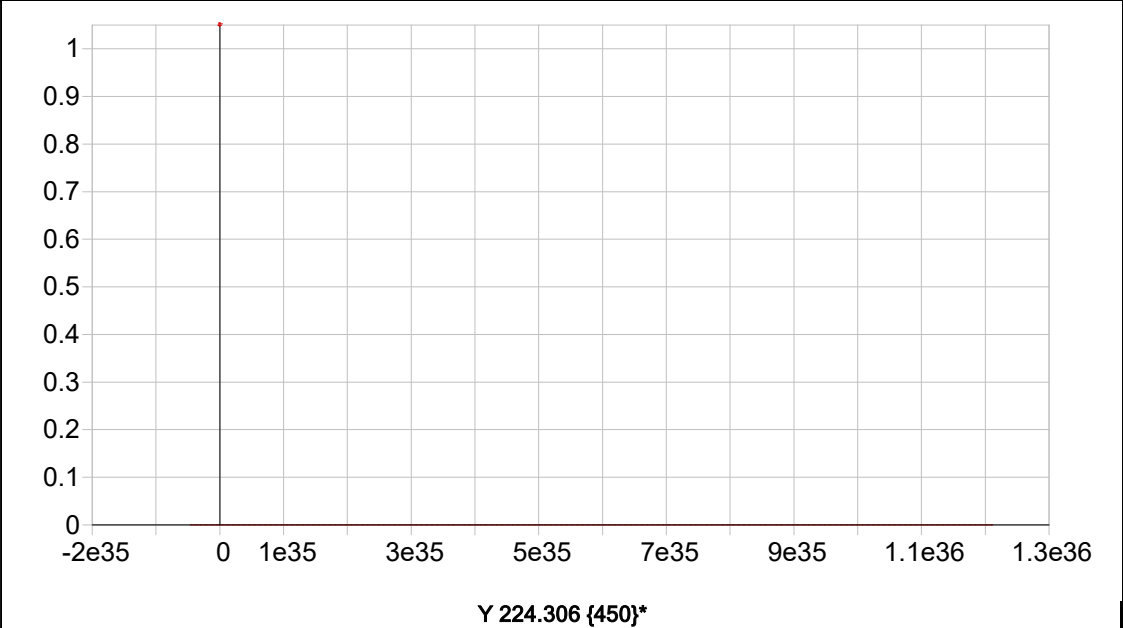






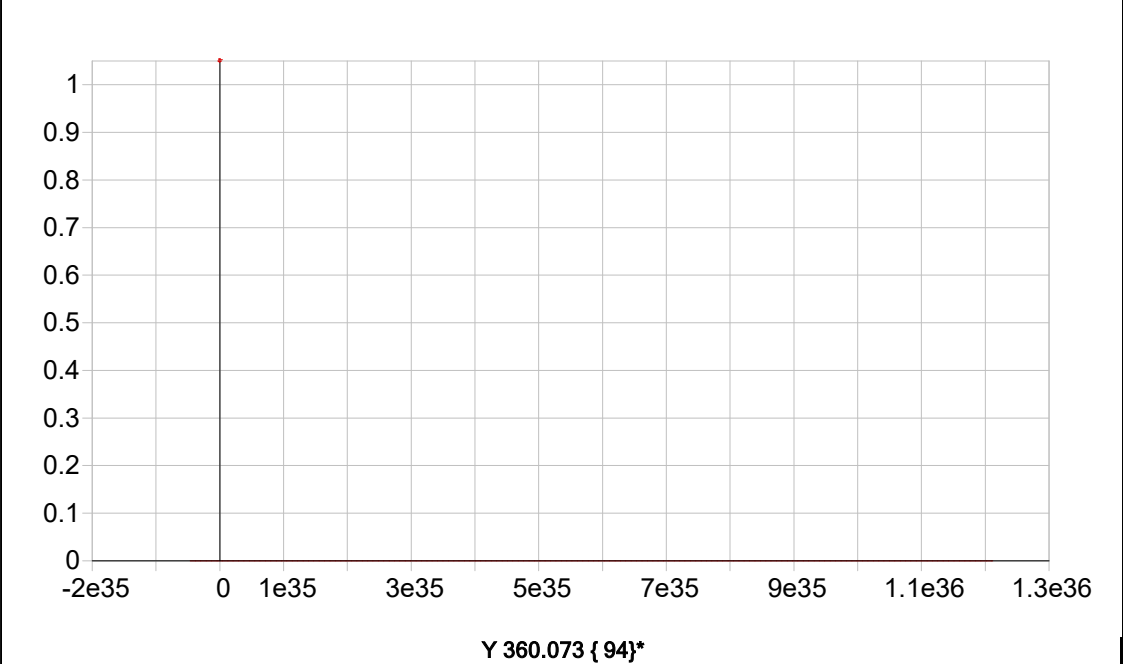




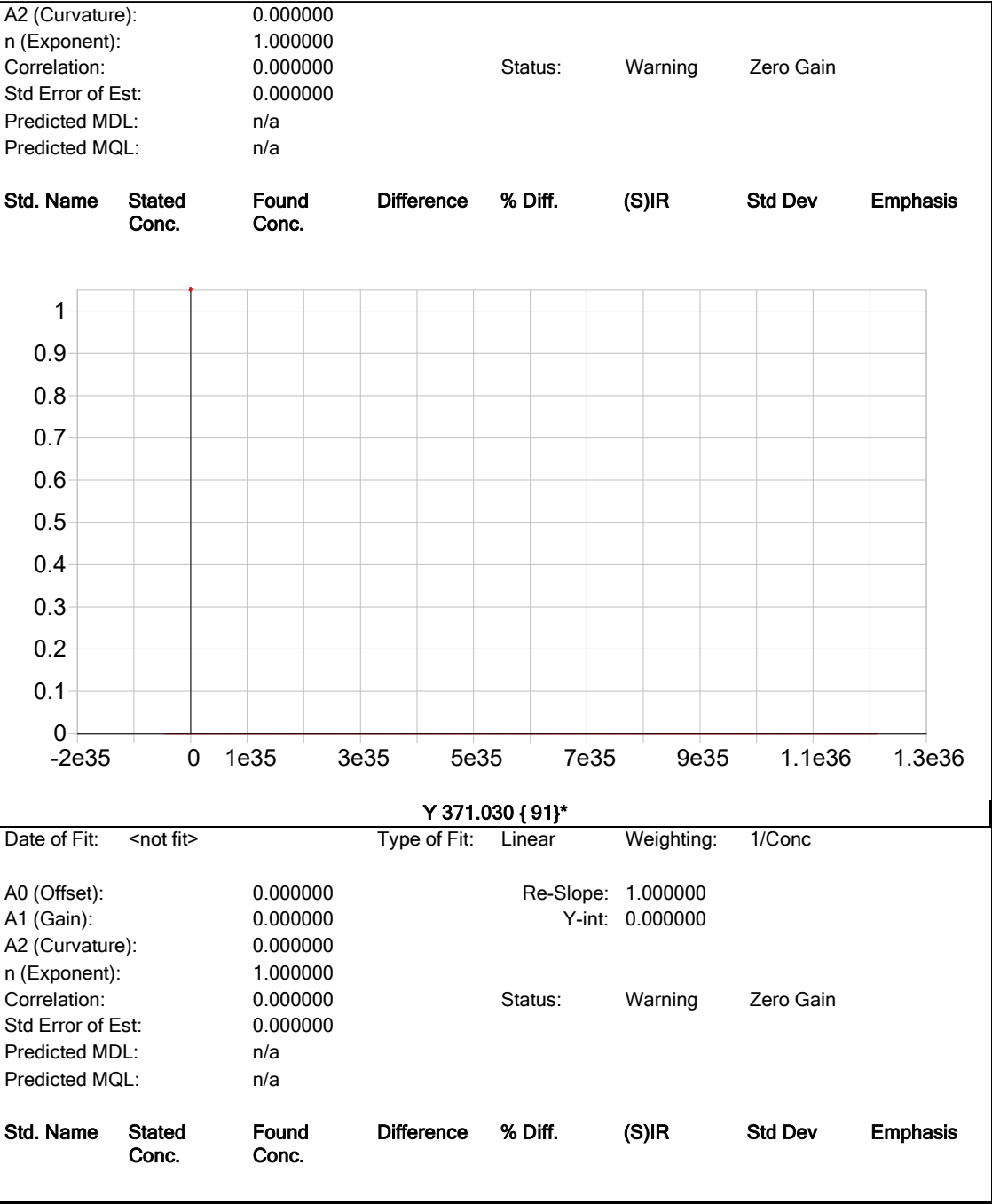


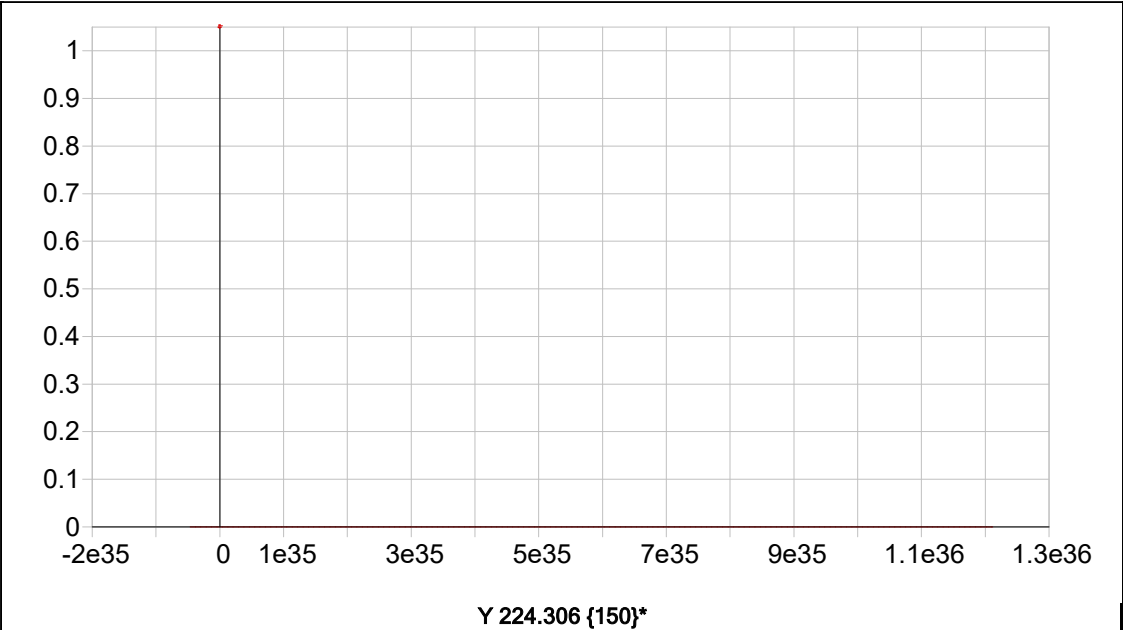
Date of Fit:	8/27/2025 14:57:21	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000	Re-Slope:	1.000000		
A1 (Gain):	0.000000	Y-int:	0.000000		
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.000000	Status:	Warning	Zero Gain	
Std Error of Est:	0.000000				
Predicted MDL:	n/a				
Predicted MQL:	n/a				

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





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

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
							
ln 230.606 {446}*							

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

A2 (Curvature):		0.000000		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: 8/27/2025 11:02:50 Type: Cal
Method: 6010-200.7 NEW(v131) 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	-.00011	.00041	.00016	.00038	.00066	-.00016	.05789	-.00188
Stddev	.00003	.00014	.00012	.00004	.00013	.00034	.00140	.00064
%RSD	24.429	33.905	74.228	9.7394	19.084	215.95	2.4232	33.993
#1	-.00009	.00046	.00018	.00042	.00072	-.00043	.05738	-.00203
#2	-.00011	.00025	.00027	.00034	.00074	-.00026	.05682	-.00244
#3	-.00014	.00052	.00003	.00039	.00052	.00022	.05948	-.00118
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	-.00059	.00163	.00020	-.00007	.00035	.00003	.00038	-.00008
Stddev	.00023	.00035	.00002	.00007	.00017	.00001	.00015	.00008
%RSD	38.969	21.691	10.464	102.95	50.202	31.077	37.826	90.607
#1	-.00032	.00198	.00022	-.00006	.00017	.00002	.00049	-.00015
#2	-.00072	.00164	.00019	-.00014	.00052	.00003	.00045	.00000
#3	-.00072	.00127	.00018	.00000	.00034	.00002	.00022	-.00010
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00068	-.00080	.00154	.00001	.00736	.00048	.00420	.00049
Stddev	.00012	.00003	.00003	.00026	.00024	.00027	.00054	.00006
%RSD	17.692	4.1943	1.6619	3933.4	3.2165	54.860	12.759	11.319
#1	-.00062	-.00080	.00156	-.00022	.00735	.00028	.00424	.00048
#2	-.00060	-.00083	.00151	-.00006	.00760	.00038	.00471	.00044
#3	-.00082	-.00077	.00154	.00030	.00713	.00079	.00365	.00055
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	.00044	.00140	.00011	-.00112	.00020	.01181	-.00014	
Stddev	.00004	.00028	.00001	.00004	.00008	.00036	.00062	
%RSD	7.9517	20.164	10.634	3.7169	41.389	3.0717	452.95	
#1	.00048	.00131	.00012	-.00107	.00016	.01221	-.00029	
#2	.00043	.00171	.00011	-.00115	.00030	.01152	-.00067	
#3	.00041	.00117	.00010	-.00113	.00014	.01169	.00055	

Sample Name: S0 Acquired: 8/27/2025 11:02:50 Type: Cal
Method: 6010-200.7 NEW(v131) 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	6314.6	110590.	9734.7	5031.5	7710.9
Stddev	6.7	150.	35.6	18.8	16.3
%RSD	.10554	.13560	.36574	.37385	.21102
#1	6309.3	110570.	9694.9	5015.7	7696.3
#2	6312.3	110460.	9763.6	5026.7	7707.8
#3	6322.1	110760.	9745.5	5052.3	7728.4

Sample Name: S1 Acquired: 8/27/2025 11:07:14 Type: Cal
Method: 6010-200.7 NEW(v131) 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	.00086	.00344	.00231	.00122	.00508	.00829	.29647	.04184
Stddev	.00006	.00007	.00011	.00008	.00018	.00054	.00181	.00040
%RSD	6.5594	1.9324	4.8413	6.7200	3.4519	6.5313	.61121	.96518
#1	.00092	.00350	.00218	.00123	.00491	.00788	.29563	.04228
#2	.00080	.00343	.00238	.00113	.00526	.00890	.29855	.04148
#3	.00085	.00337	.00238	.00129	.00507	.00808	.29523	.04175
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	.01633	.11361	.00202	.02968	.01319	.00033	.00902	.02353
Stddev	.00007	.00071	.00007	.00012	.00020	.00001	.00011	.00010
%RSD	.42882	.62683	3.3524	.41035	1.5405	2.7468	1.2561	.41937
#1	.01626	.11364	.00210	.02954	.01337	.00033	.00907	.02345
#2	.01633	.11430	.00198	.02975	.01297	.00033	.00909	.02350
#3	.01640	.11288	.00198	.02975	.01322	.00031	.00889	.02364
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	.02264	.00118	.01675	.00456	.09743	.00871	.07670	.12660
Stddev	.00008	.00005	.00012	.00007	.00025	.00022	.00017	.00014
%RSD	.36262	4.2668	.68942	1.4898	.25327	2.4918	.21928	.11354
#1	.02271	.00112	.01666	.00449	.09714	.00857	.07654	.12660
#2	.02266	.00122	.01671	.00462	.09759	.00861	.07667	.12675
#3	.02255	.00120	.01688	.00458	.09755	.00896	.07687	.12646
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	.00575	.01204	.00109	-.00022	.00073	.02519	.15276	
Stddev	.00001	.00001	.00002	.00006	.00008	.00079	.00009	
%RSD	.23476	.11697	2.2681	29.135	10.804	3.1199	.05869	
#1	.00574	.01206	.00111	-.00029	.00078	.02429	.15282	
#2	.00575	.01204	.00107	-.00017	.00064	.02573	.15279	
#3	.00577	.01203	.00110	-.00019	.00078	.02556	.15265	

Sample Name: S1 Acquired: 8/27/2025 11:07:14 Type: Cal
Method: 6010-200.7 NEW(v131) 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	6352.4	108800.	10416.	4913.3	7662.5
Stddev	2.8	162.	25.	22.9	6.1
%RSD	.04392	.14859	.23682	.46704	.07985
#1	6355.0	108890.	10444.	4937.1	7667.5
#2	6352.6	108900.	10396.	4911.5	7664.3
#3	6349.5	108620.	10409.	4891.3	7655.7

Sample Name: S2 Acquired: 8/27/2025 11:11:33 Type: Cal
Method: 6010-200.7 NEW(v131) 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	.03681	.06310	.15084	.03457	.07037	.12122	3.6239	.28972
Stddev	.00014	.00185	.00034	.00019	.00015	.00026	.0098	.00025
%RSD	.37142	2.9379	.22837	.55315	.21150	.21373	.27118	.08533

#1	.03676	.06185	.15052	.03439	.07033	.12129	3.6337	.28945
#2	.03671	.06222	.15080	.03454	.07025	.12094	3.6141	.28977
#3	.03697	.06523	.15121	.03477	.07053	.12144	3.6239	.28994

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.1190	.21808	.03020	.39373	.12678	.00225	.15762	.04253
Stddev	.0021	.00096	.00010	.00021	.00056	.00003	.00103	.00041
%RSD	.18536	.43916	.32790	.05244	.44014	1.1637	.65228	.95524

#1	1.1177	.21889	.03010	.39355	.12640	.00228	.15880	.04260
#2	1.1178	.21833	.03030	.39370	.12742	.00224	.15712	.04290
#3	1.1214	.21703	.03021	.39396	.12652	.00223	.15694	.04210

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	.22845	.03793	.02832	.04711	.92104	.01559	.60050	.50337
Stddev	.00019	.00007	.00002	.00029	.00279	.00026	.00064	.00107
%RSD	.08151	.17349	.08003	.61746	.30338	1.6375	.10577	.21348

#1	.22844	.03799	.02833	.04682	.91815	.01530	.59994	.50331
#2	.22827	.03786	.02832	.04740	.92373	.01568	.60038	.50232
#3	.22864	.03794	.02829	.04711	.92124	.01579	.60119	.50447

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	.11067	.22090	.00215	.03304	.02167	.59797	5.9841
Stddev	.00046	.00038	.00003	.00020	.00024	.00077	.0169
%RSD	.41982	.17111	1.5930	.59071	1.1047	.12822	.28243

#1	.11052	.22132	.00217	.03304	.02163	.59842	6.0017
#2	.11030	.22059	.00211	.03284	.02145	.59841	5.9680
#3	.11119	.22078	.00216	.03323	.02192	.59708	5.9827

Sample Name: S2 Acquired: 8/27/2025 11:11:33 Type: Cal
Method: 6010-200.7 NEW(v131) 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	6252.1	106730.	10041.	4802.7	7429.3
Stddev	1.0	74.	11.	4.5	3.9
%RSD	.01551	.06977	.11377	.09428	.05187
#1	6251.0	106750.	10029.	4799.2	7428.4
#2	6252.9	106640.	10045.	4801.1	7433.5
#3	6252.3	106790.	10051.	4807.8	7425.9

Sample Name: S3 Acquired: 8/27/2025 11:15:35 Type: Cal
Method: 6010-200.7 NEW(v131) 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	.11788	.20033	.48225	.10945	.21626	.37449	11.313	.88689
Stddev	.00012	.00412	.00022	.00025	.00023	.00054	.075	.00494
%RSD	.10015	2.0577	.04523	.23049	.10768	.14466	.66470	.55672
#1	.11775	.19570	.48239	.10916	.21642	.37455	11.231	.88842
#2	.11798	.20168	.48236	.10958	.21599	.37499	11.329	.88137
#3	.11790	.20360	.48200	.10961	.21636	.37392	11.378	.89088
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	3.6381	.67326	.09322	1.2402	.40891	.00719	.48705	.13177
Stddev	.0028	.00047	.00016	.0008	.00012	.00005	.00173	.00019
%RSD	.07819	.06988	.16922	.06470	.02864	.68581	.35537	.14764
#1	3.6348	.67336	.09335	1.2396	.40893	.00714	.48570	.13178
#2	3.6399	.67274	.09327	1.2398	.40879	.00724	.48645	.13157
#3	3.6396	.67366	.09304	1.2411	.40902	.00720	.48900	.13196
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	.72023	.11817	.08774	.14767	2.7925	.04874	1.8155	1.5374
Stddev	.00063	.00026	.00088	.00058	.0087	.00045	.0144	.0015
%RSD	.08699	.21963	.99893	.38978	.31205	.93240	.79526	.09546
#1	.71958	.11836	.08679	.14704	2.7928	.04829	1.8262	1.5358
#2	.72029	.11788	.08852	.14816	2.7837	.04920	1.7991	1.5377
#3	.72083	.11827	.08791	.14782	2.8011	.04875	1.8212	1.5387
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	.33971	.68157	.00669	.10890	.06944	1.8864	18.565	
Stddev	.00023	.00098	.00003	.00004	.00062	.0081	.165	
%RSD	.06631	.14407	.39149	.03528	.88937	.42963	.88892	
#1	.33947	.68049	.00670	.10886	.06875	1.8777	18.509	
#2	.33992	.68182	.00671	.10890	.06994	1.8878	18.751	
#3	.33974	.68241	.00666	.10894	.06964	1.8938	18.436	

Sample Name: S3 Acquired: 8/27/2025 11:15:35 Type: Cal
Method: 6010-200.7 NEW(v131) 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	6171.0	106610.	10217.	4800.5	7121.3
Stddev	10.3	350.	25.	23.5	8.3
%RSD	.16728	.32791	.24009	.48908	.11656
#1	6170.0	106640.	10201.	4827.1	7122.9
#2	6181.8	106250.	10246.	4792.2	7128.7
#3	6161.3	106940.	10206.	4782.4	7112.3

Sample Name: S4 Acquired: 8/27/2025 11:19:40 Type: Cal
Method: 6010-200.7 NEW(v131) 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	.23793	.39470	.96836	.22028	.43424	.74867	22.194	1.7695
Stddev	.00075	.00860	.00021	.00046	.00118	.00126	.178	.0105
%RSD	.31475	2.1793	.02158	.20966	.27142	.16768	.80083	.59514

#1	.23720	.38541	.96857	.21974	.43525	.74772	22.247	1.7586
#2	.23790	.39629	.96816	.22054	.43294	.75009	22.340	1.7796
#3	.23870	.40239	.96834	.22055	.43452	.74819	21.996	1.7702

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	7.3962	1.3353	.18987	2.5128	.76775	.01448	.95999	.26421
Stddev	.0026	.0011	.00048	.0013	.00071	.00005	.00165	.00045
%RSD	.03533	.08414	.25531	.05084	.09229	.32814	.17166	.17108

#1	7.3932	1.3346	.18933	2.5113	.76712	.01449	.96189	.26462
#2	7.3980	1.3366	.19002	2.5135	.76761	.01443	.95915	.26372
#3	7.3975	1.3347	.19027	2.5135	.76852	.01452	.95894	.26430

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.4642	.23700	.17120	.29689	5.5845	.09613	3.6521	3.0719
Stddev	.0003	.00045	.00138	.00043	.0070	.00066	.0205	.0037
%RSD	.01913	.19176	.80478	.14590	.12585	.68447	.56117	.12214

#1	1.4641	.23655	.17258	.29667	5.5844	.09677	3.6312	3.0676
#2	1.4639	.23701	.16982	.29739	5.5775	.09546	3.6721	3.0736
#3	1.4645	.23746	.17121	.29660	5.5916	.09615	3.6529	3.0744

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	.68248	1.3515	.01332	.22395	.14303	3.7274	36.530
Stddev	.00113	.0021	.00006	.00128	.00078	.0113	.544
%RSD	.16608	.15181	.46023	.57237	.54518	.30218	1.4905

#1	.68163	1.3537	.01327	.22247	.14213	3.7398	37.147
#2	.68204	1.3509	.01331	.22471	.14341	3.7177	36.324
#3	.68377	1.3498	.01339	.22467	.14355	3.7247	36.118

Sample Name: S4 Acquired: 8/27/2025 11:19:40 Type: Cal
Method: 6010-200.7 NEW(v131) 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	6054.7	104270.	9970.7	4648.0	6849.4
Stddev	6.7	266.	20.0	8.3	6.6
%RSD	.11025	.25556	.20072	.17900	.09614
#1	6062.3	104050.	9981.9	4647.0	6856.2
#2	6051.8	104570.	9947.6	4656.8	6848.9
#3	6049.9	104200.	9982.6	4640.2	6843.1

Sample Name: S5 Acquired: 8/27/2025 11:23:51 Type: Cal
Method: 6010-200.7 NEW(v131) 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	.47291	.76541	1.9598	.43517	.88531	1.5209	45.903	3.5283
Stddev	.00061	.00223	.0004	.00087	.00185	.0015	.213	.0145
%RSD	.12804	.29147	.01895	.19950	.20875	.09838	.46481	.41171
#1	.47244	.76688	1.9602	.43617	.88744	1.5226	46.087	3.5352
#2	.47269	.76285	1.9599	.43461	.88438	1.5205	45.954	3.5381
#3	.47359	.76652	1.9595	.43472	.88412	1.5197	45.669	3.5116
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	14.925	2.6931	.36806	5.1949	1.5375	.02833	1.9342	.53447
Stddev	.004	.0082	.00153	.0007	.0015	.00006	.0061	.00191
%RSD	.02853	.30534	.41596	.01285	.09801	.22484	.31568	.35766
#1	14.926	2.6877	.36888	5.1942	1.5385	.02826	1.9296	.53381
#2	14.921	2.7026	.36901	5.1951	1.5358	.02839	1.9411	.53663
#3	14.929	2.6890	.36630	5.1954	1.5383	.02833	1.9318	.53298
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.9953	.47852	.35568	.60487	11.040	.19777	7.3438	6.2369
Stddev	.0016	.00071	.00103	.00157	.010	.00052	.0134	.0074
%RSD	.05380	.14749	.29069	.26024	.08814	.26143	.18182	.11798
#1	2.9934	.47854	.35517	.60470	11.046	.19718	7.3483	6.2437
#2	2.9962	.47922	.35687	.60653	11.045	.19814	7.3542	6.2291
#3	2.9961	.47781	.35500	.60339	11.029	.19800	7.3287	6.2378
Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	1.4131	2.7830	.02725	.47050	.30399	7.4141	73.681	
Stddev	.0021	.0072	.00002	.00091	.00034	.0163	.482	
%RSD	.15090	.25818	.08005	.19326	.11112	.21985	.65431	
#1	1.4109	2.7811	.02724	.46958	.30361	7.4059	73.867	
#2	1.4152	2.7909	.02728	.47139	.30423	7.4328	73.133	
#3	1.4132	2.7769	.02724	.47052	.30415	7.4035	74.042	

Sample Name: S5 Acquired: 8/27/2025 11:23:51 Type: Cal
Method: 6010-200.7 NEW(v131) 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	5890.9	102690.	9884.3	4575.4	6462.9
Stddev	10.0	411.	47.9	16.5	10.8
%RSD	.16934	.40048	.48487	.36123	.16781
#1	5880.6	102280.	9842.7	4562.2	6458.8
#2	5891.6	102670.	9873.5	4570.0	6454.6
#3	5900.5	103100.	9936.7	4593.9	6475.2

Sample Name: ICV01 Acquired: 8/27/2025 11:28:02 Type: Unk
Method: 6010-200.7 NEW(v131) 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	3.892407	3.885068	3.989105	3.901577	4.043346	7.982776
Stddev	.004566	.109463	.006756	.001747	.009568	.002417
%RSD	.1173089	2.817533	.1693564	.0447719	.2366345	.0302751

#1	3.896041	3.826350	3.985031	3.902110	4.053826	7.980342
#2	3.887281	4.011361	3.996903	3.899626	4.035077	7.982810
#3	3.893897	3.817492	3.985380	3.902995	4.041137	7.985176

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.950988	.1911441	1.943727	20.01748	.7985784	1.985016
Stddev	.078033	.0001982	.003521	.02322	.0014856	.001837
%RSD	.9814308	.1037091	.1811468	.1159827	.1860336	.0925384

#1	7.983338	.1911167	1.940504	20.00869	.7973470	1.982929
#2	7.861982	.1909610	1.947485	20.04381	.7981597	1.986390
#3	8.007643	.1913546	1.943193	19.99994	.8002284	1.985728

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.009670	4.213437	2.010143	19.92826	1.980882	.9756484
Stddev	.001531	.008575	.004074	.06228	.002079	.0018990
%RSD	.1516266	.2035218	.2026771	.3125375	.1049334	.1946427

#1	1.008473	4.216153	2.005470	19.96458	1.978841	.9775776
#2	1.011395	4.220325	2.012011	19.96385	1.982996	.9737810
#3	1.009141	4.203832	2.012948	19.85634	1.980810	.9755866

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.79796	1.995598	2.012699	21.05930	3.675418	3.970353
Stddev	.06772	.006435	.002440	.06327	.006752	.002936
%RSD	.3106669	.3224530	.1212254	.3004539	.1837131	.0739574

#1	21.72644	1.999399	2.015109	21.00936	3.676895	3.971285
#2	21.80635	1.999226	2.010231	21.03809	3.668049	3.972711
#3	21.86109	1.988168	2.012756	21.13046	3.681309	3.967064

Sample Name: ICV01 Acquired: 8/27/2025 11:28:02 Type: Unk
Method: 6010-200.7 NEW(v131) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.908967	3.968673	3.952658	F .0064364	F .0207297	F -.005572
Stddev	.008715	.007315	.019589	.0014924	.0021630	.000679
%RSD	.2229469	.1843223	.4955997	23.18672	10.43445	12.18850
#1	3.899348	3.963015	3.930290	.0057541	.0224149	-.004802
#2	3.916338	3.976933	3.966757	.0054072	.0182906	-.005829
#3	3.911214	3.966070	3.960927	.0081481	.0214834	-.006086

Elem	Sr4077
Units	ppm
Avg	F -.003477
Stddev	.000068
%RSD	1.948596
#1	-.003507
#2	-.003525
#3	-.003400

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6171.345	105797.3	10832.03	4739.535	7032.475
Stddev	5.039	129.9	30.30	13.842	5.260
%RSD	.0816526	.1227496	.2796835	.2920637	.0748002
#1	6167.102	105731.9	10802.99	4727.999	7034.459
#2	6170.017	105713.1	10829.67	4735.723	7026.511
#3	6176.915	105946.8	10863.44	4754.885	7036.455

Sample Name: LLICV01 Acquired: 8/27/2025 11:34:35 Type: Unk
Method: 6010-200.7 NEW(v131) 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	.0224706	.0411432	.0113383	.0193192	.0498584	.1148936	.1017131
Stddev	.0023376	.0018039	.0006925	.0011720	.0019903	.0098457	.0004730
%RSD	10.40304	4.384451	6.107370	6.066374	3.991824	8.569402	.4650277

#1	.0241619	.0398756	.0120573	.0203015	.0521457	.1118587	.1015996
#2	.0198031	.0432084	.0112816	.0196342	.0489079	.1069226	.1013072
#3	.0234467	.0403456	.0106759	.0180219	.0485217	.1258994	.1022325

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0061925	.0058024	2.048910	.0100558	.0297079	.0211506	.1056470
Stddev	.0000539	.0000651	.010788	.0002921	.0001352	.0001252	.0019582
%RSD	.8703114	1.122375	.5265366	2.905192	.4550339	.5920143	1.853573

#1	.0061359	.0058644	2.050679	.0099862	.0296602	.0212639	.1076573
#2	.0061985	.0057345	2.037347	.0098047	.0296029	.0210162	.1037454
#3	.0062432	.0058081	2.058705	.0103764	.0298604	.0211718	.1055383

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0213157	2.192168	.0398114	.0101396	1.965856	.0349951	.0410009
Stddev	.0006202	.011505	.0003767	.0005045	.035600	.0010551	.0001613
%RSD	2.909519	.5248104	.9460905	4.975787	1.810938	3.014970	.3933510

#1	.0206288	2.198654	.0402197	.0106559	1.941055	.0357112	.0409161
#2	.0214838	2.178885	.0394775	.0101150	1.949864	.0337835	.0408996
#3	.0218345	2.198965	.0397369	.0096478	2.006648	.0354906	.0411868

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.863302	.1078523	.2061556	.0391094	.0384726	.3679199	.0188170
Stddev	.026151	.0000503	.0003682	.0003664	.0008246	.0054887	.0014839
%RSD	1.403462	.0466218	.1786179	.9369839	2.143451	1.491809	7.885907

#1	1.840203	.1078444	.2059174	.0393516	.0384689	.3616116	.0192193
#2	1.858007	.1079061	.2065797	.0386878	.0392991	.3705449	.0200582
#3	1.891694	.1078065	.2059697	.0392889	.0376499	.3716030	.0171734

Sample Name: LLICV01 Acquired: 8/27/2025 11:34:35 Type: Unk
Method: 6010-200.7 NEW(v131) 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	.0203960	.0177024	.0203469
Stddev	.0016762	.0015523	.0000499
%RSD	8.218234	8.768716	.2450749
#1	.0184627	.0171109	.0202969
#2	.0212820	.0165329	.0203470
#3	.0214432	.0194635	.0203966

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6305.265	109690.8	10480.63	4905.909	7590.418
Stddev	7.277	183.3	42.08	2.778	5.142
%RSD	.1154177	.1671184	.4014823	.0566212	.0677396
#1	6299.858	109862.7	10529.04	4903.087	7584.654
#2	6313.539	109497.8	10452.86	4905.998	7594.533
#3	6302.398	109711.8	10459.99	4908.640	7592.068

Sample Name: ICB01 Acquired: 8/27/2025 11:40:25 Type: Unk
Method: 6010-200.7 NEW(v131) 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	.0002845	-.000521	.0000172	.0018315	-.000684	.0094863	.0018862
Stddev	.0006669	.001028	.0001158	.0011727	.000559	.0067706	.0009725
%RSD	234.3984	197.2735	672.0284	64.02849	81.72729	71.37207	51.55651

#1	.0001099	.000666	.0001424	.0004795	-.000267	.0149725	.0015112
#2	.0010214	-.001124	-.000086	.0025724	-.001319	.0115667	.0011571
#3	-.000278	-.001106	-.000005	.0024425	-.000466	.0019197	.0029903

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000475	.0000274	.0006587	.0000739	-.000073	.0004950	.0040220
Stddev	.0000283	.0000569	.0014425	.0001912	.000098	.0001382	.0048302
%RSD	59.54050	207.6973	218.9835	258.6120	133.0405	27.91892	120.0961

#1	.0000200	.0000270	.0003134	-.000103	-.000186	.0006522	.0085693
#2	.0000766	.0000846	.0022426	.000277	-.000015	.0003923	.0045451
#3	.0000459	-.000029	-.000580	.000048	-.000019	.0004406	-.001049

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000348	.0001730	.0003440	.0001735	-.032923	-.001507	-.000831
Stddev	.000207	.0331279	.0001538	.0001108	.030943	.001757	.000158
%RSD	59.39338	19147.48	44.70813	63.86085	93.98483	116.5976	19.05962

#1	-.000527	.0009964	.0001667	.0000519	-.067299	-.003529	-.000648
#2	-.000395	.0328815	.0004234	.0002001	-.007298	-.000634	-.000933
#3	-.000122	-.033359	.0004420	.0002687	-.024173	-.000358	-.000911

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.089362	.0048177	-.000032	.0077842	-.000892	-.000885	.0032590
Stddev	.054301	.0006201	.000046	.0006345	.001205	.002365	.0013349
%RSD	60.76511	12.87115	143.0365	8.150612	135.1341	267.2894	40.96085

#1	-.145770	.0050785	-.000057	.0082943	.000488	-.003201	.0042387
#2	-.037448	.0041098	-.000061	.0079845	-.001424	.001525	.0017386
#3	-.084868	.0052648	.000021	.0070738	-.001739	-.000978	.0037999

Sample Name: ICB01 Acquired: 8/27/2025 11:40:25 Type: Unk
Method: 6010-200.7 NEW(v131) 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	-.000244	-.003368	-.000024
Stddev	.002933	.002016	.000049
%RSD	1201.742	59.85824	208.3736

#1	.001612	-.005117	-.000073
#2	-.003626	-.001163	.000025
#3	.001281	-.003823	-.000023

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6336.913	108157.9	10603.46	4765.666	7789.270
Stddev	16.223	163.5	51.39	27.166	17.727
%RSD	.2560042	.1511834	.4846982	.5700346	.2275876

#1	6333.124	108009.4	10616.97	4750.876	7770.402
#2	6322.920	108131.2	10646.75	4749.103	7791.830
#3	6354.695	108333.1	10546.66	4797.017	7805.579

Sample Name: CRI01 Acquired: 8/27/2025 11:44:42 Type: Unk
Method: 6010-200.7 NEW(v131) 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	.0207089	.0412785	.0109225	.0189054	.0501651	.1147465	.1022996
Stddev	.0014627	.0020039	.0005734	.0011926	.0011775	.0122998	.0016358
%RSD	7.063121	4.854481	5.249321	6.308404	2.347323	10.71910	1.599004

#1	.0190442	.0433577	.0104251	.0201482	.0492978	.1135757	.1037584
#2	.0217882	.0393596	.0115496	.0177702	.0515056	.1275898	.1026093
#3	.0212945	.0411182	.0107927	.0187977	.0496918	.1030740	.1005311

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0061138	.0057902	2.078923	.0101279	.0297777	.0213173	.1057075
Stddev	.0000119	.0000389	.004569	.0001480	.0000799	.0002450	.0016284
%RSD	.1940428	.6721739	.2197710	1.461777	.2683380	1.149381	1.540486

#1	.0061119	.0058181	2.083119	.0100036	.0297280	.0210408	.1058645
#2	.0061029	.0057458	2.079594	.0100885	.0297353	.0214037	.1040063
#3	.0061265	.0058069	2.074055	.0102917	.0298699	.0215073	.1072518

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0217143	2.191176	.0400904	.0101650	2.064094	.0383542	.0412165
Stddev	.0002230	.018796	.0001776	.0001780	.006083	.0017487	.0006139
%RSD	1.027170	.8577999	.4429647	1.750712	.2947218	4.559366	1.489519

#1	.0214577	2.178983	.0401433	.0102603	2.057070	.0390983	.0418571
#2	.0218229	2.181724	.0402356	.0102751	2.067651	.0396079	.0411589
#3	.0218622	2.212822	.0398924	.0099597	2.067562	.0363566	.0406333

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.974998	.0997940	.2066642	.0387765	.0383641	.3743844	.0195810
Stddev	.011029	.0004308	.0003766	.0005621	.0011698	.0108510	.0004718
%RSD	.5584461	.4316571	.1822338	1.449486	3.049257	2.898344	2.409478

#1	1.963888	.0994090	.2063020	.0393120	.0396891	.3620948	.0192298
#2	1.975162	.1002592	.2066370	.0381912	.0379292	.3826427	.0193958
#3	1.985945	.0997137	.2070537	.0388263	.0374741	.3784158	.0201173

Sample Name: CRI01 Acquired: 8/27/2025 11:44:42 Type: Unk
Method: 6010-200.7 NEW(v131) 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	.0198469	.0156341	.0203829
Stddev	.0017882	.0001782	.0001892
%RSD	9.010125	1.139880	.9282860

#1	.0200652	.0158044	.0205332
#2	.0215160	.0156489	.0204452
#3	.0179596	.0154489	.0201704

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6321.074	109257.9	10761.09	4813.266	7633.183
Stddev	1.181	160.6	26.71	48.639	1.435
%RSD	.0186758	.1469778	.2482135	1.010515	.0187931

#1	6319.868	109096.6	10733.47	4760.460	7633.015
#2	6322.227	109417.8	10786.79	4856.233	7631.841
#3	6321.128	109259.4	10763.01	4823.104	7634.695

Sample Name: ICSA01 Acquired: 8/27/2025 11:48:58 Type: Unk
Method: 6010-200.7 NEW(v131) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0062537	-.002239	.0045264	-.000879	-.004732	247.3423
Stddev	.0007851	.003900	.0014111	.003619	.003221	.5066
%RSD	12.55397	174.2129	31.17589	411.7213	68.06649	.2047997

#1	.0069085	.002075	.0056484	.000774	-.003978	247.7858
#2	.0053833	-.005516	.0049888	.001618	-.001955	247.4507
#3	.0064694	-.003275	.0029421	-.005029	-.008263	246.7902

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0041595	.0015562	.0020381	234.8073	.0606955	.0020056
Stddev	.0001365	.0000391	.0000474	.3799	.0003616	.0000597
%RSD	3.280802	2.511624	2.325607	.1617839	.5957965	2.978179

#1	.0040544	.0016009	.0020311	235.0963	.0607301	.0020709
#2	.0041103	.0015286	.0020886	234.9486	.0610386	.0019538
#3	.0043137	.0015392	.0019946	234.3771	.0603178	.0019922

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0084138	99.21398	.0083172	249.7520	.0062711	.0016721
Stddev	.0005750	.51021	.0007072	.2945	.0001992	.0003318
%RSD	6.833801	.5142494	8.502910	.1179321	3.176699	19.84155

#1	.0077513	99.79355	.0075518	249.5768	.0060712	.0012974
#2	.0087837	99.01580	.0084535	250.0920	.0064696	.0019287
#3	.0087063	98.83260	.0089464	249.5871	.0062725	.0017901

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1291794	.0015901	.0022660	.2222537	.0564020	.0010388
Stddev	.0328782	.0016031	.0001740	.0224091	.0040436	.0002186
%RSD	25.45161	100.8190	7.678436	10.08266	7.169254	21.04286

#1	.1082182	.0027825	.0024534	.2471779	.0610256	.0009837
#2	.1122474	-.000232	.0021096	.2037704	.0546535	.0008530
#3	.1670725	.002220	.0022349	.2158127	.0535269	.0012797

Sample Name: ICSA01 Acquired: 8/27/2025 11:48:58 Type: Unk
Method: 6010-200.7 NEW(v131) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002556	-.005079	.0100688	.0075703	-.007637	F -.030607
Stddev	.000430	.000364	.0134253	.0028431	.004211	.001352
%RSD	16.82876	7.159180	133.3357	37.55588	55.13564	4.416550
#1	-.002503	-.005241	-.002625	.0064584	-.010449	-.031804
#2	-.003010	-.004663	.008709	.0054512	-.002796	-.029141
#3	-.002155	-.005334	.024122	.0108013	-.009667	-.030875

Elem	Sr4077
Units	ppm
Avg	.0028472
Stddev	.0002936
%RSD	10.31057
#1	.0025104
#2	.0029820
#3	.0030491

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5630.425	95557.95	9946.628	4279.949	6129.635
Stddev	7.209	130.95	35.674	14.654	8.255
%RSD	.1280437	.1370386	.3586559	.3423856	.1346698
#1	5622.141	95621.21	9980.127	4268.418	6120.333
#2	5635.286	95407.38	9909.118	4274.990	6132.482
#3	5633.847	95645.26	9950.640	4296.439	6136.089

Sample Name: ICSAB01 Acquired: 8/27/2025 11:53:08 Type: Unk
Method: 6010-200.7 NEW(v131) 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	.1054172	.1128772	.0475270	.0504595	.5953425	247.6686
Stddev	.0020995	.0014048	.0017932	.0020045	.0024706	.3778
%RSD	1.991591	1.244541	3.773089	3.972524	.4149947	.1525583

#1	.1031289	.1135471	.0458579	.0481503	.5980041	247.8511
#2	.1072545	.1138216	.0473005	.0517513	.5931224	247.2341
#3	.1058681	.1112628	.0494228	.0514768	.5949010	247.9205

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4840175	.4838208	.9769951	233.7211	.5575531	.4945876
Stddev	.0025718	.0024756	.0020549	.2224	.0012613	.0008797
%RSD	.5313517	.5116728	.2103318	.0951455	.2262171	.1778573

#1	.4861827	.4813487	.9746825	233.9764	.5569203	.4935769
#2	.4846951	.4862999	.9776913	233.6177	.5590055	.4950063
#3	.4811747	.4838136	.9786114	233.5693	.5567335	.4951798

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4833757	100.8612	.4841621	249.1958	.9835840	.2157168
Stddev	.0012294	.5515	.0005825	.0605	.0021372	.0005697
%RSD	.2543357	.5467450	.1203030	.0242905	.2172900	.2640923

#1	.4821345	101.4890	.4843733	249.1288	.9811429	.2154643
#2	.4833996	100.4548	.4846095	249.2467	.9851182	.2153169
#3	.4845930	100.6399	.4835035	249.2117	.9844909	.2163691

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1006357	.4774443	1.046889	-.051029	.9526023	.9857219
Stddev	.0080452	.0007042	.002826	.041823	.0040366	.0014682
%RSD	7.994377	.1474965	.2699193	81.95864	.4237455	.1489516

#1	.0928054	.4767577	1.046345	-.089191	.9489301	.9868043
#2	.1002219	.4781649	1.049947	-.057579	.9569245	.9840507
#3	.1088798	.4774103	1.044375	-.006318	.9519524	.9863109

Sample Name: ICSAB01 Acquired: 8/27/2025 11:53:08 Type: Unk
Method: 6010-200.7 NEW(v131) 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	.9720484	.9486712	1.019908	F .0114988	F -.002410	F -.032188
Stddev	.0016892	.0022700	.010258	.0019780	.002391	.000947
%RSD	.1737733	.2392771	1.005764	17.20151	99.20698	2.943017
#1	.9718322	.9510236	1.027234	.0133574	-.003916	-.031222
#2	.9738353	.9484962	1.008184	.0094199	-.003662	-.032228
#3	.9704778	.9464938	1.024305	.0117190	.000347	-.033115

Elem	Sr4077
Units	ppm
Avg	F .0012505
Stddev	.0002995
%RSD	23.95142
#1	.0009079
#2	.0013807
#3	.0014629

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5624.545	95651.30	10249.99	4282.180	6124.993
Stddev	5.820	220.80	14.30	16.469	6.621
%RSD	.1034808	.2308406	.1394955	.3845953	.1081027
#1	5623.206	95410.30	10262.56	4265.285	6132.629
#2	5630.919	95843.86	10234.43	4283.069	6120.851
#3	5619.511	95699.73	10252.98	4298.187	6121.497

Sample Name: ICSADLX20 Acquired: 8/27/2025 11:57:08 Type: Unk
Method: 6010-200.7 NEW(v131) 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	-.001047	.0003607	.0003265	-.001947	-.000937	12.34365	.0030217
Stddev	.000991	.0005970	.0018897	.001759	.000217	.01446	.0007985
%RSD	94.68552	165.4824	578.7564	90.33160	23.14229	.1171281	26.42458

#1	-.001648	.0007983	.0020917	-.000047	-.000758	12.32886	.0029545
#2	-.001590	-.000319	.0005548	-.002276	-.001178	12.34435	.0022589
#3	.000097	.000603	-.001667	-.003519	-.000874	12.35775	.0038516

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002132	.0000653	12.21022	.0029098	.0003019	.0008763	4.847683
Stddev	.0000436	.0000376	.00878	.0002039	.0000666	.0001501	.012403
%RSD	20.43814	57.64017	.0718710	7.006733	22.06174	17.13485	.2558483

#1	.0001929	.0000975	12.20029	.0029515	.0002253	.0007836	4.852580
#2	.0001834	.0000744	12.21693	.0026883	.0003340	.0007957	4.856889
#3	.0002632	.0000239	12.21343	.0030897	.0003463	.0010495	4.833579

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000169	12.74328	.0003078	-.000033	-.075774	-.001305	-.001371
Stddev	.000539	.04843	.0001751	.000277	.016143	.002376	.000184
%RSD	318.0959	.3800428	56.90375	835.4609	21.30380	182.0142	13.41326

#1	.000035	12.70013	.0001919	-.000146	-.089130	-.003767	-.001419
#2	.000238	12.73406	.0005093	.000282	-.080357	-.001124	-.001526
#3	-.000781	12.79566	.0002222	-.000236	-.057836	.000974	-.001168

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.311582	.0034490	.0001022	-.000744	-.000213	-.003841	.0010925
Stddev	.027791	.0000499	.0000936	.000727	.000497	.010791	.0006566
%RSD	8.919345	1.447072	91.58447	97.75297	232.8473	280.9270	60.10576

#1	-.289064	.0034900	.0000604	-.000937	.000138	.005791	.0010596
#2	-.342641	.0033934	.0002095	-.001354	.000004	-.015503	.0004529
#3	-.303042	.0034636	.0000368	.000060	-.000782	-.001812	.0017650

Sample Name: ICSADLX20 Acquired: 8/27/2025 11:57:08 Type: Unk
Method: 6010-200.7 NEW(v131) 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	-.000610	-.006188	.0003170
Stddev	.000817	.001238	.0000126
%RSD	133.9057	19.99970	3.971880

#1	-.000993	-.007597	.0003298
#2	.000328	-.005689	.0003046
#3	-.001167	-.005278	.0003165

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6227.572	107871.5	10507.32	4809.606	7403.874
Stddev	6.652	195.5	8.35	11.228	8.262
%RSD	.1068103	.1811885	.0794854	.2334554	.1115892

#1	6224.204	107649.0	10508.41	4822.543	7405.902
#2	6235.234	107950.0	10515.07	4802.391	7410.934
#3	6223.279	108015.5	10498.47	4803.885	7394.787

Sample Name: ICSABDLX20 Acquired: 8/27/2025 12:01:24 Type: Unk
Method: 6010-200.7 NEW(v131) 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	.0056863	.0064107	.0028589	.0027389	.0282856	12.51740	.0270525
Stddev	.0003059	.0000995	.0012168	.0028781	.0031741	.02359	.0001556
%RSD	5.379141	1.552247	42.56240	105.0806	11.22163	.1884326	.5752074

#1	.0056802	.0065238	.0024360	.0007186	.0271732	12.54070	.0272189
#2	.0053835	.0063717	.0019100	.0060343	.0318662	12.49353	.0270279
#3	.0059952	.0063366	.0042308	.0014639	.0258174	12.51796	.0269107

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0250585	.0482468	12.41139	.0286673	.0243603	.0261544	4.974733
Stddev	.0001747	.0001399	.00827	.0000315	.0001047	.0003193	.019975
%RSD	.6972188	.2899678	.0666468	.1097267	.4299371	1.220747	.4015325

#1	.0251230	.0480980	12.41539	.0286579	.0242395	.0258068	4.997549
#2	.0248608	.0482670	12.41691	.0287024	.0244158	.0264345	4.966250
#3	.0251919	.0483756	12.40188	.0286416	.0244257	.0262220	4.960399

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0253082	12.95015	.0492065	.0102566	-.070124	.0204281	.0505168
Stddev	.0003578	.01706	.0003126	.0007045	.012646	.0001819	.0001822
%RSD	1.413662	.1317254	.6352920	6.868760	18.03406	.8903543	.3606336

#1	.0249459	12.96084	.0495627	.0109206	-.068342	.0203980	.0503877
#2	.0253175	12.93048	.0489776	.0095176	-.083567	.0202632	.0504376
#3	.0256613	12.95914	.0490791	.0103317	-.058464	.0206232	.0507252

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.317354	.0494055	.0504352	.0459130	.0490914	.0421552	.0026878
Stddev	.037698	.0003575	.0001005	.0007515	.0009660	.0077063	.0010964
%RSD	11.87871	.7236189	.1991590	1.636729	1.967856	18.28086	40.79032

#1	-.359547	.0498178	.0505367	.0466357	.0491721	.0490239	.0019305
#2	-.286988	.0492184	.0504332	.0451357	.0480876	.0338215	.0039451
#3	-.305528	.0491805	.0503358	.0459676	.0500146	.0436201	.0021880

Sample Name: ICSABDLX20 Acquired: 8/27/2025 12:01:24 Type: Unk
Method: 6010-200.7 NEW(v131) 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	-.001520	-.004983	.0002151
Stddev	.002645	.000861	.0000410
%RSD	174.0560	17.28785	19.07897

#1	.001507	-.003995	.0001748
#2	-.003392	-.005380	.0002135
#3	-.002674	-.005575	.0002569

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6203.967	106960.0	10529.15	4747.155	7363.455
Stddev	11.452	289.3	34.94	23.150	15.699
%RSD	.1845956	.2705026	.3318298	.4876698	.2132009

#1	6190.748	106747.3	10498.88	4720.980	7345.453
#2	6210.901	106843.1	10567.38	4755.538	7374.301
#3	6210.251	107289.5	10521.20	4764.945	7370.611

Sample Name: CCV01 Acquired: 8/27/2025 12:05:36 Type: Unk
Method: 6010-200.7 NEW(v131) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.169577	5.429434	5.118854	5.193998	5.041510	10.14058	9.989213
Stddev	.008427	.066920	.004315	.003790	.005975	.02838	.072782
%RSD	.1630207	1.232547	.0843038	.0729764	.1185261	.2798973	.7286047

#1	5.177234	5.504778	5.116523	5.195658	5.048408	10.13554	9.946191
#2	5.170949	5.376904	5.116206	5.189661	5.037920	10.17114	10.07325
#3	5.160547	5.406619	5.123834	5.196676	5.038202	10.11505	9.94820

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.418706	2.588339	25.25922	1.033709	2.536488	1.271193	5.285163
Stddev	.0001664	.004020	.08313	.004748	.003980	.003293	.013231
%RSD	.0687955	.1553146	.3291231	.4593351	.1569142	.2590453	.2503498

#1	2.420628	2.584195	25.16932	1.028744	2.533323	1.267569	5.273912
#2	2.417743	2.588600	25.33333	1.038206	2.535185	1.272008	5.281837
#3	2.417748	2.592222	25.27500	1.034176	2.540957	1.274001	5.299740

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.501677	25.39724	2.539364	1.269908	27.00504	2.535617	2.581520
Stddev	.011400	.03917	.002789	.001579	.17645	.005078	.011868
%RSD	.4556930	.1542459	.1098444	.1243515	.6533820	.2002523	.4597256

#1	2.491969	25.37176	2.536391	1.270072	26.86729	2.529812	2.577014
#2	2.498832	25.37761	2.539776	1.271400	26.94391	2.539230	2.594981
#3	2.514230	25.44235	2.541924	1.268254	27.20392	2.537810	2.572565

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.45098	4.760933	5.122629	5.047420	5.018482	5.435639	5.024127
Stddev	.12291	.003126	.006080	.004726	.012347	.024106	.002807
%RSD	.4646709	.0656584	.1186984	.0936359	.2460364	.4434844	.0558768

#1	26.32830	4.764542	5.115857	5.051487	5.004352	5.409202	5.023720
#2	26.45053	4.759184	5.124408	5.042235	5.023905	5.456401	5.021546
#3	26.57412	4.759074	5.127622	5.048538	5.027190	5.441314	5.027116

Sample Name: CCV01 Acquired: 8/27/2025 12:05:36 Type: Unk
Method: 6010-200.7 NEW(v131) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.050923	5.094412	5.058653
Stddev	.014243	.021632	.020181
%RSD	.2819798	.4246278	.3989431

#1	5.065771	5.081790	5.038737
#2	5.049623	5.082056	5.079089
#3	5.037375	5.119391	5.058133

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6045.182	103425.1	10586.21	4551.170	6823.460
Stddev	10.681	363.7	19.10	29.440	11.001
%RSD	.1766870	.3516963	.1804056	.6468731	.1612216

#1	6055.971	103816.0	10607.61	4567.730	6828.132
#2	6044.962	103096.5	10580.14	4517.179	6831.354
#3	6034.612	103362.8	10570.89	4568.600	6810.894

Sample Name: CCB01 Acquired: 8/27/2025 12:13:17 Type: Unk
Method: 6010-200.7 NEW(v131) 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	.0009142	.0001754	-.000643	.0014599	-.002066	-.001138	.0036447
Stddev	.0012210	.0004808	.000962	.0017128	.001092	.007925	.0011045
%RSD	133.5598	274.1254	149.7353	117.3263	52.86119	696.2642	30.30449

#1	.0002285	-.000238	-.001727	.0029163	-.000990	.008011	.0025970
#2	.0001902	.000061	.000110	.0018905	-.003174	-.005854	.0035387
#3	.0023239	.000703	-.000311	-.000427	-.002036	-.005571	.0047983

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000933	.0000220	.0099062	-.000085	-.000064	.0000014	.0016538
Stddev	.0000339	.0000301	.0057204	.000203	.000071	.0000148	.0038690
%RSD	36.28093	137.0630	57.74573	238.3859	110.2181	1052.073	233.9364

#1	.0001324	-.000004	.0034155	-.000037	-.000080	.0000056	-.002543
#2	.0000725	.000015	.0142129	-.000308	.000013	.0000137	.002426
#3	.0000750	.000055	.0120902	.000089	-.000126	-.000015	.005079

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000756	.0240369	-.000049	-.000263	-.116232	-.001198	-.001238
Stddev	.000362	.0255264	.000184	.000265	.007813	.001121	.000035
%RSD	47.91159	106.1965	377.0594	100.9906	6.721951	93.55724	2.849961

#1	-.000499	.0372171	.000153	-.000504	-.124846	-.001409	-.001257
#2	-.001170	.0402789	-.000093	.000021	-.114244	-.002198	-.001261
#3	-.000599	-.005385	-.000206	-.000305	-.109604	.000013	-.001198

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.342233	.0026146	-.000077	.0002713	.0003096	-.003761	.0014208
Stddev	.031790	.0004304	.000172	.0002008	.0005358	.006495	.0025253
%RSD	9.289038	16.45935	223.9254	74.02611	173.1032	172.7019	177.7401

#1	-.369799	.0031026	.000067	.0002751	.0004685	-.006529	-.000957
#2	-.349443	.0024519	-.000030	.0000686	.0007479	.003659	.001148
#3	-.307457	.0022893	-.000267	.0004702	-.000288	-.008412	.004071

Sample Name: CCB01 Acquired: 8/27/2025 12:13:17 Type: Unk
Method: 6010-200.7 NEW(v131) 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	-.001035	-.003417	.0000760
Stddev	.003147	.000801	.0000194
%RSD	303.9267	23.43723	25.50923

#1	.001826	-.003864	.0000547
#2	-.004405	-.003895	.0000806
#3	-.000527	-.002493	.0000927

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6313.072	109093.6	10276.28	4823.553	7701.293
Stddev	13.183	487.9	14.24	25.730	7.148
%RSD	.2088195	.4472645	.1385304	.5334149	.0928136

#1	6312.782	109470.4	10269.17	4830.580	7699.638
#2	6326.397	109267.9	10292.67	4845.039	7709.124
#3	6300.036	108542.4	10267.01	4795.040	7695.118

Sample Name: LR-1 Acquired: 8/27/2025 12:17:36 Type: Unk
Method: 6010-200.7 NEW(v131) 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	.0006664	.0132083	.0147110	-.020399	.0159565	.0293627	-.005745
Stddev	.0022934	.0003104	.0013528	.000886	.0051684	.0102159	.000216
%RSD	344.1538	2.349898	9.195559	4.342538	32.39082	34.79203	3.752316

#1	.0014985	.0130341	.0133843	-.021008	.0103692	.0217437	-.005649
#2	-.001927	.0130243	.0146603	-.019383	.0205665	.0253730	-.005992
#3	.002428	.0135667	.0160884	-.020807	.0169337	.0409713	-.005594

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003514	.0005215	2439.136	.0153854	.0000656	.0033285	.4571921
Stddev	.0000228	.0000192	24.089	.0001260	.0005779	.0003169	.0057957
%RSD	6.498130	3.680206	.9875964	.8190218	880.3178	9.520739	1.267665

#1	.0003585	.0005407	2453.286	.0152661	-.000540	.0031176	.4511730
#2	.0003699	.0005213	2452.800	.0155172	.000126	.0031749	.4627349
#3	.0003259	.0005023	2411.322	.0153729	.000611	.0036929	.4576683

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0185256	2263.946	.0120812	-.002822	2512.661	.0046580	.0520881
Stddev	.0003188	18.318	.0001203	.000570	8.313	.0024626	.0003242
%RSD	1.720731	.8091122	.9959710	20.18604	.3308620	52.86896	.6224469

#1	.0187661	2261.775	.0122184	-.003357	2516.955	.0026793	.0523984
#2	.0181640	2283.252	.0120313	-.002884	2503.079	.0038787	.0517516
#3	.0186467	2246.810	.0119938	-.002223	2517.950	.0074159	.0521142

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.476672	.0115034	.0033873	-.004667	-.115002	-.016457	.0142209
Stddev	.914282	.0004328	.0003525	.000783	.002189	.015498	.0020534
%RSD	16.69412	3.762529	10.40753	16.77012	1.903373	94.17062	14.43913

#1	4.534720	.0115183	.0037943	-.003803	-.113825	-.031022	.0133235
#2	5.534785	.0110633	.0031887	-.004871	-.117527	-.018180	.0127689
#3	6.360511	.0119286	.0031789	-.005328	-.113653	-.000170	.0165702

Sample Name: LR-1 Acquired: 8/27/2025 12:17:36 Type: Unk
Method: 6010-200.7 NEW(v131) 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	.2284900	-.377408	.0618669
Stddev	.0104775	.006711	.0001658
%RSD	4.585557	1.778159	.2680018
#1	.2291886	-.379045	.0617109
#2	.2176806	-.383149	.0620411
#3	.2386007	-.370030	.0618489

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3920.940	68851.84	8606.561	2916.600	4027.655
Stddev	12.061	172.75	22.623	12.149	10.129
%RSD	.3076079	.2509080	.2628551	.4165507	.2514900
#1	3933.743	69037.89	8616.809	2923.922	4038.641
#2	3919.286	68696.50	8580.627	2902.576	4025.636
#3	3909.791	68821.13	8622.246	2923.302	4018.687

Sample Name: LR-2 Acquired: 8/27/2025 12:22:15 Type: Unk
Method: 6010-200.7 NEW(v131) 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	.1121429	-.347593	.1322856	.0236734	-.162330	1912.914	.0261442
Stddev	.0084153	.010231	.0033192	.0066603	.008034	9.127	.0006530
%RSD	7.504049	2.943306	2.509118	28.13433	4.949136	.4771255	2.497791

#1	.1210061	-.336380	.1360296	.0161796	-.170922	1906.417	.0268753
#2	.1042617	-.349982	.1297039	.0289178	-.161065	1908.975	.0259384
#3	.1111609	-.356418	.1311231	.0259226	-.155004	1923.349	.0256189

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0424757	.0326546	12.75178	-.046335	.0699730	.1634677	2880.095
Stddev	.0000369	.0025122	.29312	.000687	.0004887	.0252594	28.188
%RSD	.0867471	7.693299	2.298684	1.483722	.6983932	15.45225	.9787302

#1	.0424532	.0345898	13.07010	-.045562	.0694127	.1869529	2852.348
#2	.0424556	.0335585	12.69226	-.046567	.0703111	.1667042	2879.232
#3	.0425182	.0298155	12.49299	-.046876	.0701951	.1367460	2908.705

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.193570	1.048735	.0488397	^ *****	3.092438	.0458347	.0884721
Stddev	.002887	.007538	.0006578	-----	.023134	.0014062	.0028054
%RSD	1.491233	.7187305	1.346772	-----	.7480935	3.068010	3.170959

#1	-.190237	1.045322	.0493956	^ -----	3.076950	.0455815	.0888918
#2	-.195256	1.057376	.0490100	^ -----	3.119031	.0445723	.0910440
#3	-.195217	1.043508	.0481135	^ -----	3.081333	.0473503	.0854805

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1966.378	^ *****	-.016753	.0298065	.0043127	.5219702	.0990208
Stddev	21.907	-----	.000575	.0023238	.0021650	.0160096	.0025171
%RSD	1.114067	-----	3.431749	7.796443	50.19999	3.067142	2.542016

#1	1942.765	^ -----	-.017291	.0295231	.0033812	.5034882	.1007201
#2	1970.329	^ -----	-.016822	.0322590	.0027694	.5308710	.0961291
#3	1986.041	^ -----	-.016147	.0276373	.0067876	.5315516	.1002134

Sample Name: LR-2 Acquired: 8/27/2025 12:22:15 Type: Unk
Method: 6010-200.7 NEW(v131) 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	-.536025	.2832984	-2.76071
Stddev	.017466	.0031767	.02712
%RSD	3.258495	1.121343	.9823321
#1	-.516318	.2799026	-2.73404
#2	-.542168	.2837952	-2.75983
#3	-.549591	.2861976	-2.78826

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4992.705	83236.59	10225.68	3742.957	5178.292
Stddev	4.223	290.40	30.76	11.139	9.220
%RSD	.0845880	.3488824	.3007791	.2975930	.1780511
#1	4989.119	83514.08	10192.99	3750.990	5184.418
#2	4997.360	83260.87	10230.01	3730.241	5182.770
#3	4991.636	82934.81	10254.04	3747.639	5167.689

Sample Name: LR-3 Acquired: 8/27/2025 12:26:42 Type: Unk
Method: 6010-200.7 NEW(v131) 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	.1012687	.0163129	229.5181	-.000179	.1335061	.0761341	.0049082
Stddev	.0015346	.0019629	2.7558	.003221	.0003344	.0055368	.0004835
%RSD	1.515360	12.03259	1.200683	1802.241	.2504456	7.272434	9.851628

#1	.1009892	.0184731	226.4938	-.002925	.1338598	.0699857	.0053274
#2	.0998931	.0146387	230.1732	.003367	.1331952	.0807261	.0050180
#3	.1029238	.0158269	231.8872	-.000978	.1334635	.0776905	.0043792

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004456	-.001622	.2251352	24.47194	.0063349	54.01448	.0464242
Stddev	.000035	.000005	.0021318	.13655	.0000308	.16153	.0015485
%RSD	.7902775	.3112919	.9468849	.5579725	.4865723	.2990566	3.335634

#1	-.004415	-.001620	.2231571	24.41066	.0063114	53.94347	.0455794
#2	-.004481	-.001628	.2273930	24.37677	.0063234	53.90061	.0482114
#3	-.004471	-.001619	.2248553	24.62839	.0063698	54.19935	.0454818

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	51.04114	-.188347	24.22514	.0039262	.2437762	-.042566	30.26376
Stddev	.20621	.023959	.08613	.0001389	.0091871	.000649	.35265
%RSD	.4040132	12.72088	.3555212	3.537905	3.768676	1.524686	1.165243

#1	50.89425	-.214984	24.18608	.0037902	.2508923	-.041947	30.65352
#2	51.27689	-.181504	24.16546	.0039204	.2334046	-.043241	30.17098
#3	50.95230	-.168554	24.32387	.0040679	.2470316	-.042511	29.96677

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3454002	.0014885	-.014737	.0033563	-.045858	-.148966	.1518020
Stddev	.0195790	.0004323	.000402	.0001989	.001483	.011262	.0009639
%RSD	5.668501	29.04058	2.728468	5.925949	3.234896	7.559770	.6349370

#1	.3633716	.0009937	-.014286	.0034690	-.047281	-.159975	.1529034
#2	.3482935	.0017927	-.014869	.0031266	-.044321	-.137468	.1511130
#3	.3245356	.0016791	-.015057	.0034732	-.045974	-.149456	.1513895

Sample Name: LR-3 Acquired: 8/27/2025 12:26:42 Type: Unk
Method: 6010-200.7 NEW(v131) 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	.0608811	-.002629	.0005435
Stddev	.0017161	.000494	.0000117
%RSD	2.818807	18.80032	2.145152
#1	.0618066	-.003176	.0005396
#2	.0589009	-.002213	.0005342
#3	.0619358	-.002498	.0005566

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5846.597	107506.3	10935.83	4504.323	7368.336
Stddev	34.465	254.4	37.37	20.079	45.785
%RSD	.5894881	.2366523	.3416957	.4457615	.6213794
#1	5878.869	107321.9	10956.04	4481.150	7409.256
#2	5850.628	107796.5	10892.72	4515.276	7376.867
#3	5810.294	107400.3	10958.75	4516.543	7318.885

Sample Name: PB169396BL Acquired: 8/27/2025 12:31:35 Type: Unk
Method: 6010-200.7 NEW(v131) 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	-.000750	-.000222	-.000091	-.000393	-.001798	.0065396	.0008110
Stddev	.000805	.001786	.000495	.002784	.000903	.0060156	.0010994
%RSD	107.3819	802.8318	544.5224	708.8030	50.24060	91.98642	135.5635

#1	.000150	-.000396	-.000557	.000039	-.002024	.0101313	.0009467
#2	-.000998	-.001915	-.000143	.002150	-.002566	.0098929	.0018363
#3	-.001402	.001644	.000428	-.003367	-.000803	-.000405	-.000350

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000920	.0000085	.0601012	.0000652	.0000524	.0001104	.0068333
Stddev	.0000418	.0000511	.0011497	.0001860	.0000874	.0001183	.0033076
%RSD	45.41898	604.2545	1.912963	285.4761	166.9316	107.0798	48.40453

#1	.0001393	.0000173	.0604464	-.000088	.0001519	.0002302	.0106516
#2	.0000602	.0000545	.0610387	.000272	.0000174	-.000006	.0049977
#3	.0000765	-.000046	.0588184	.000012	-.000012	.000107	.0048505

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000169	.0070536	.0001514	.0002447	.1995571	-.003940	-.001099
Stddev	.000147	.0176180	.0001894	.0002893	.0308283	.003873	.000194
%RSD	87.00139	249.7744	125.1071	118.1882	15.44834	98.30544	17.67737

#1	-.000006	.0018474	.0003454	.0005294	.1653038	-.004990	-.000884
#2	-.000291	.0266880	.0001418	-.000049	.2082928	-.007180	-.001151
#3	-.000211	-.007375	-.000033	.000254	.2250749	.000350	-.001263

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2044798	-.001370	-.000082	-.000536	.0010154	.0097819	.0014111
Stddev	.0610390	.000431	.000093	.000198	.0014859	.0103125	.0009539
%RSD	29.85086	31.45689	114.0453	36.95733	146.3363	105.4238	67.59832

#1	.1417831	-.001781	-.000188	-.000761	.0024895	.0014640	.0003442
#2	.2079427	-.001406	-.000047	-.000456	.0010386	.0065614	.0017074
#3	.2637137	-.000922	-.000011	-.000390	-.000482	.0213203	.0021817

Sample Name: PB169396BL Acquired: 8/27/2025 12:31:35 Type: Unk
Method: 6010-200.7 NEW(v131) 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	.0001067	.0002595	-.000073
Stddev	.0004622	.0014108	.000025
%RSD	433.0360	543.6978	33.71443

#1	-.000000	-.001231	-.000046
#2	.000613	.000436	-.000078
#3	-.000293	.001574	-.000094

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6327.475	110922.2	10569.31	4796.036	7823.388
Stddev	6.705	503.2	28.18	13.870	7.470
%RSD	.1059678	.4536529	.2666336	.2892019	.0954790

#1	6320.595	110436.5	10561.11	4781.103	7821.133
#2	6333.990	110888.8	10546.14	4798.487	7831.725
#3	6327.840	111441.3	10600.68	4808.517	7817.306

Sample Name: PB169396BS Acquired: 8/27/2025 12:35:55 Type: Unk
Method: 6010-200.7 NEW(v131) 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	.7627578	2.052221	.9235383	1.948269	.7994224	1.968767
Stddev	.0016666	.068688	.0004205	.010411	.0006348	.006520
%RSD	.2184979	3.346992	.0455336	.5343551	.0794009	.3311864

#1	.7625566	2.115624	.9239079	1.956375	.7993411	1.974645
#2	.7612010	1.979251	.9236262	1.936528	.7988322	1.969903
#3	.7645159	2.061789	.9230808	1.951903	.8000939	1.961753

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1901797	.1913002	.1847229	1.058334	.3965425	.1905933
Stddev	.0008125	.0007912	.0002526	.002549	.0015395	.0003897
%RSD	.4272306	.4135854	.1367725	.2408338	.3882244	.2044774

#1	.1892638	.1919438	.1844318	1.061277	.3955498	.1901767
#2	.1904617	.1904169	.1848528	1.056903	.3983160	.1906544
#3	.1908136	.1915400	.1848843	1.056822	.3957619	.1909489

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3021334	3.004241	.1961895	1.997664	.4776440	.0742515
Stddev	.0002428	.008737	.0007918	.006398	.0006455	.0003805
%RSD	.0803540	.2908142	.4035624	.3202798	.1351345	.5124350

#1	.3019621	3.002484	.1965806	2.004722	.4770642	.0745951
#2	.3020269	2.996517	.1952783	1.996028	.4775282	.0738426
#3	.3024113	3.013723	.1967096	1.992244	.4783395	.0743168

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.078898	.2931773	.2031147	9.987716	.2782759	.4084940
Stddev	.020723	.0012852	.0015332	.031975	.0006630	.0007218
%RSD	.6730702	.4383683	.7548565	.3201480	.2382573	.1766940

#1	3.055021	.2942632	.2028378	9.952952	.2789900	.4090119
#2	3.092205	.2917583	.2017388	10.01587	.2776798	.4076695
#3	3.089469	.2935103	.2047675	9.99433	.2781579	.4088005

Sample Name: PB169396BS Acquired: 8/27/2025 12:35:55 Type: Unk
Method: 6010-200.7 NEW(v131) 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	.6666484	.1929098	.9437304	5.373530	F -.001281	.1959479
Stddev	.0012962	.0005108	.0043895	.022118	.002834	.0014061
%RSD	.1944284	.2648063	.4651276	.4116021	221.2330	.7176104

#1	.6676967	.1934348	.9442782	5.387664	-.004214	.1969753
#2	.6651992	.1924144	.9478203	5.348041	.001443	.1943453
#3	.6670494	.1928801	.9390926	5.384884	-.001072	.1965229

Elem	Sr4077
Units	ppm
Avg	.1908788
Stddev	.0002403
%RSD	.1258703

#1	.1911301
#2	.1908552
#3	.1906513

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6287.464	108281.0	10837.92	4696.509	7576.822
Stddev	8.365	93.5	40.00	25.814	9.258
%RSD	.1330399	.0863226	.3690640	.5496433	.1221834

#1	6296.231	108366.3	10811.30	4717.216	7584.687
#2	6279.570	108295.6	10883.92	4704.724	7566.620
#3	6286.591	108181.1	10818.55	4667.587	7579.159

Sample Name: PB169397BL Acquired: 8/27/2025 12:39:55 Type: Unk
Method: 6010-200.7 NEW(v131) 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	.0002685	.0000292	-.000445	-.000079	-.002736	.0011078	.0010655
Stddev	.0019752	.0009362	.000673	.001561	.000446	.0021616	.0013127
%RSD	735.5921	3210.589	151.1888	1981.302	16.29334	195.1290	123.1941

#1	-.001701	-.000845	-.000415	.001675	-.002273	.0015827	-.000353
#2	.002249	-.000084	-.001133	-.000596	-.002772	.0029925	.002238
#3	.000257	.001017	.000212	-.001315	-.003163	-.001252	.001312

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001463	.0000504	.0032934	.0001841	.0000305	-.000119	-.004296
Stddev	.0000511	.0000211	.0113389	.0001575	.0001088	.000615	.002584
%RSD	34.91753	41.85146	344.2974	85.55311	356.6379	516.2270	60.14098

#1	.0001130	.0000665	.0078712	.0002974	.0001556	.000589	-.001515
#2	.0001207	.0000581	-.009619	.0000042	-.000043	-.000515	-.006622
#3	.0002051	.0000265	.011628	.0002507	-.000021	-.000432	-.004751

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000390	-.008199	.0001281	.0002809	.0834799	-.002306	-.001390
Stddev	.000076	.012382	.0003431	.0003856	.0048038	.002240	.000080
%RSD	19.39391	151.0194	267.9030	137.2546	5.754390	97.13911	5.732465

#1	-.000367	-.005098	.0005235	.0000463	.0889926	-.003109	-.001310
#2	-.000328	-.021836	-.000048	.0007259	.0801906	-.004033	-.001393
#3	-.000474	.002338	-.000092	.0000705	.0812566	.000225	-.001469

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006136	-.002103	-.000197	-.000464	.0006139	-.000470	.0015387
Stddev	.0066554	.000235	.000054	.000219	.0020586	.011805	.0013158
%RSD	1084.634	11.17398	27.36281	47.19867	335.3342	2512.356	85.51386

#1	-.004043	-.001832	-.000197	-.000251	-.001698	-.013594	.0023837
#2	.008236	-.002227	-.000252	-.000688	.001292	.009283	.0022098
#3	-.002352	-.002250	-.000144	-.000453	.002248	.002902	.0000227

Sample Name: PB169397BL Acquired: 8/27/2025 12:39:55 Type: Unk
Method: 6010-200.7 NEW(v131) 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	-.004890	-.002189	-.000005
Stddev	.001945	.002007	.000109
%RSD	39.77862	91.66705	2378.945
#1	-.006629	-.001064	.000121
#2	-.005250	-.004506	-.000055
#3	-.002790	-.000997	-.000080

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6322.955	110195.4	10663.33	4771.690	7829.128
Stddev	18.796	196.9	32.72	13.141	13.283
%RSD	.2972604	.1787137	.3068405	.2753979	.1696556
#1	6302.548	110132.4	10700.58	4756.848	7813.914
#2	6339.558	110037.7	10650.17	4776.377	7835.051
#3	6326.757	110416.1	10639.24	4781.845	7838.418

Sample Name: PB169397BS Acquired: 8/27/2025 12:44:14 Type: Unk
Method: 6010-200.7 NEW(v131) 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	.7793130	2.151986	.9433934	1.988978	.7918277	2.002156
Stddev	.0022474	.048633	.0005322	.003708	.0021496	.013395
%RSD	.2883797	2.259896	.0564181	.1864305	.2714697	.6690304

#1	.7770747	2.102745	.9440053	1.985708	.7907242	1.992811
#2	.7815693	2.153228	.9430374	1.988218	.7943049	1.996155
#3	.7792949	2.199986	.9431376	1.993007	.7904540	2.017503

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1899547	.2040046	.1888486	1.024516	.4039845	.1944562
Stddev	.0002267	.0005416	.0001956	.016331	.0007420	.0003948
%RSD	.1193297	.2654632	.1035895	1.594007	.1836695	.2030018

#1	.1901711	.2036403	.1888426	1.033888	.4031363	.1945067
#2	.1899740	.2037466	.1886560	1.005659	.4043036	.1940387
#3	.1897190	.2046269	.1890471	1.034002	.4045136	.1948234

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3076129	2.916680	.1985195	1.999785	.4875639	.0752091
Stddev	.0007910	.017435	.0005696	.029001	.0006274	.0003784
%RSD	.2571514	.5977802	.2869131	1.450184	.1286842	.5031390

#1	.3080104	2.934748	.1991637	1.978464	.4880214	.0748614
#2	.3067019	2.915337	.1983121	2.032808	.4868487	.0751538
#3	.3081263	2.899955	.1980827	1.988083	.4878217	.0756122

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.795571	.3006770	.2081400	9.430567	.2969119	.4050042
Stddev	.022693	.0018195	.0006054	.018202	.0022396	.0006769
%RSD	.8117654	.6051332	.2908805	.1930135	.7543089	.1671282

#1	2.789795	.3020744	.2080106	9.439234	.2962062	.4042239
#2	2.820595	.2986196	.2087997	9.442816	.2951101	.4053553
#3	2.776324	.3013370	.2076098	9.409651	.2994193	.4054335

Sample Name: PB169397BS Acquired: 8/27/2025 12:44:14 Type: Unk
Method: 6010-200.7 NEW(v131) 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	.6632253	.1888471	.8865992	5.491559	F .0003499	.1984140
Stddev	.0005863	.0008228	.0115182	.006476	.0037123	.0017282
%RSD	.0883985	.4356949	1.299139	.1179227	1061.118	.8710191
#1	.6625640	.1897870	.8746669	5.484153	.0041801	.1990665
#2	.6634302	.1884974	.8874780	5.496160	.0001014	.1997211
#3	.6636816	.1882569	.8976528	5.494363	-.003232	.1964546

Elem	Sr4077
Units	ppm
Avg	.1920937
Stddev	.0006199
%RSD	.3226932
#1	.1927939
#2	.1918726
#3	.1916148

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6280.046	108697.2	10325.55	4737.128	7553.412
Stddev	3.647	262.9	32.46	3.525	5.948
%RSD	.0580761	.2418229	.3143544	.0744017	.0787431
#1	6278.544	108978.1	10353.38	4736.973	7546.545
#2	6277.390	108656.2	10333.38	4740.728	7556.766
#3	6284.205	108457.3	10289.89	4733.684	7556.926

Sample Name: Q2950-01 Acquired: 8/27/2025 12:48:16 Type: Unk
Method: 6010-200.7 NEW(v131) 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	-.001831	.0000531	-.000077	.0014071	.0007925	.0847147
Stddev	.001695	.0023546	.000140	.0011720	.0005864	.0074510
%RSD	92.55589	4436.668	183.0479	83.29256	73.99679	8.795455

#1	.000120	.0013375	.000058	.0000875	.0001168	.0768830
#2	-.002936	-.002664	-.000065	.0023268	.0011691	.0917154
#3	-.002678	.001486	-.000222	.0018070	.0010917	.0855457

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2253521	-.000013	.0000418	145.4724	.0116215	.0012104
Stddev	.0014215	.000038	.0000205	.4419	.0002926	.0001908
%RSD	.6307834	300.3846	48.94958	.3037509	2.517930	15.76140

#1	.2254380	-.000053	.0000591	144.9894	.0118054	.0010584
#2	.2238896	.000022	.0000192	145.5714	.0112840	.0014245
#3	.2267287	-.000006	.0000471	145.8563	.0117750	.0011483

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006929	.0698494	.0132819	153.3150	.0313365	-.000305
Stddev	.0000797	.0050471	.0001863	.4202	.0003702	.000252
%RSD	11.50865	7.225748	1.402255	.2740471	1.181435	82.49356

#1	.0007797	.0668352	.0133221	152.8385	.0311031	-.000402
#2	.0006759	.0670368	.0134448	153.4740	.0317634	-.000494
#3	.0006230	.0756762	.0130789	153.6324	.0311430	-.000019

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1363.131	.0063740	.1177378	68.72200	.6904425	.0157069
Stddev	6.888	.0009630	.0002786	.40412	.0070105	.0002692
%RSD	.5052848	15.10889	.2366282	.5880470	1.015369	1.713855

#1	1363.977	.0054611	.1179837	68.96189	.6828817	.0160142
#2	1369.556	.0073803	.1174352	68.25543	.6967276	.0155126
#3	1355.859	.0062806	.1177944	68.94869	.6917180	.0155940

Sample Name: Q2950-01 Acquired: 8/27/2025 12:48:16 Type: Unk
Method: 6010-200.7 NEW(v131) 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	-.003180	-.005448	F 15.71743	.0737147	F 133.8679	.0006287
Stddev	.000711	.001108	.09440	.0024537	.1242	.0009278
%RSD	22.35930	20.32993	.6006003	3.328610	.0927431	147.5823

#1	-.003874	-.005006	15.80235	.0763580	133.7300	.0004925
#2	-.002453	-.004629	15.61579	.0732761	133.9707	.0016170
#3	-.003212	-.006708	15.73416	.0715099	133.9030	-.000224

Elem	Sr4077
Units	ppm
Avg	1.823161
Stddev	.009166
%RSD	.5027662

#1	1.814445
#2	1.822319
#3	1.832719

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5155.929	89181.95	9999.972	3903.898	5571.872
Stddev	11.702	241.15	68.924	22.545	6.514
%RSD	.2269715	.2703968	.6892421	.5775054	.1169038

#1	5142.504	88947.53	10058.71	3880.969	5564.626
#2	5161.306	89169.01	9924.10	3926.039	5573.748
#3	5163.976	89429.30	10017.11	3904.686	5577.242

Sample Name: Q2950-01DUP Acquired: 8/27/2025 12:52:37 Type: Unk
Method: 6010-200.7 NEW(v131) 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	-.003303	-.002153	.0053308	-.000128	.0034290	.0799495
Stddev	.001412	.002291	.0009806	.004376	.0007431	.0027134
%RSD	42.75587	106.4030	18.39458	3421.627	21.67136	3.393925

#1	-.003575	-.004038	.0060828	.004656	.0038272	.0805038
#2	-.001774	-.002817	.0042217	-.001112	.0038882	.0770018
#3	-.004559	.000397	.0056879	-.003928	.0025717	.0823430

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2226828	.0000420	-.000017	143.8198	.0118331	.0013876
Stddev	.0013307	.0000539	.000030	.2693	.0002173	.0000824
%RSD	.5975530	128.4578	182.9908	.1872422	1.836527	5.937902

#1	.2228822	.0000657	-.000020	143.5653	.0120804	.0013952
#2	.2239025	.0000799	.000015	144.1018	.0117464	.0013016
#3	.2212638	-.000020	-.000045	143.7923	.0116725	.0014658

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004030	.0834204	.0127095	151.7693	.0309852	-.000258
Stddev	.0003056	.0016708	.0002081	.2540	.0001702	.000192
%RSD	75.82548	2.002876	1.637401	.1673410	.5494024	74.39905

#1	.0006647	.0835096	.0129182	151.7476	.0308001	-.000163
#2	.0000672	.0850448	.0127081	152.0334	.0311350	-.000479
#3	.0004771	.0817068	.0125020	151.5269	.0310205	-.000132

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1328.275	.0062376	.1182303	68.71895	.6856521	.0158790
Stddev	6.525	.0013876	.0006083	.91863	.0082563	.0005047
%RSD	.4912440	22.24502	.5145067	1.336794	1.204150	3.178168

#1	1335.094	.0064027	.1175309	67.71342	.6931871	.0161959
#2	1327.640	.0075352	.1185238	68.92919	.6869428	.0161442
#3	1322.090	.0047749	.1186363	69.51423	.6768265	.0152971

Sample Name: Q2950-01DUP Acquired: 8/27/2025 12:52:37 Type: Unk
Method: 6010-200.7 NEW(v131) 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	-.002485	-.005669	F 15.51921	.0719530	F 132.1062	-.000446
Stddev	.000635	.000324	.14481	.0023922	.3534	.001078
%RSD	25.55814	5.718806	.9330827	3.324605	.2675278	241.5394
#1	-.003176	-.006016	15.35523	.0722794	132.0022	-.001132
#2	-.002355	-.005615	15.57291	.0694144	132.4999	-.001002
#3	-.001925	-.005374	15.62950	.0741652	131.8164	.000796

Elem	Sr4077
Units	ppm
Avg	1.804760
Stddev	.007173
%RSD	.3974213
#1	1.797947
#2	1.812244
#3	1.804089

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5141.817	89068.33	9994.869	3876.483	5538.570
Stddev	10.505	301.57	79.774	28.655	12.613
%RSD	.2043030	.3385819	.7981483	.7392032	.2277307
#1	5131.192	89416.46	9925.330	3906.707	5529.090
#2	5152.197	88887.06	9977.321	3873.034	5552.886
#3	5142.062	88901.49	10081.96	3849.709	5533.736

Sample Name: Q2950-01LX5 Acquired: 8/27/2025 12:56:58 Type: Unk
Method: 6010-200.7 NEW(v131) 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	-.001679	.0020106	-.001203	-.000549	-.000991	.0139827
Stddev	.000718	.0019639	.000850	.003545	.001439	.0104553
%RSD	42.75417	97.67720	70.62764	645.6383	145.2904	74.77334

#1	-.002406	-.000187	-.001467	.003433	-.002632	.0086771
#2	-.000971	.002623	-.000253	-.001721	-.000391	.0260270
#3	-.001660	.003595	-.001889	-.003359	.000052	.0072439

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0455767	.0001365	.0000405	30.42072	.0020652	.0003746
Stddev	.0006518	.0000498	.0001295	.04956	.0002912	.0001700
%RSD	1.430195	36.49591	319.5088	.1629265	14.10222	45.36837

#1	.0462778	.0000889	.0001872	30.45849	.0022503	.0003615
#2	.0449891	.0001324	-.000008	30.43908	.0022159	.0005508
#3	.0454631	.0001883	-.000058	30.36460	.0017295	.0002116

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000983	.0175793	.0023465	31.72428	.0066667	-.000018
Stddev	.0002315	.0011598	.0004611	.03800	.0001457	.000248
%RSD	235.4536	6.597707	19.64893	.1197909	2.185996	1357.517

#1	.0002179	.0163823	.0024846	31.72707	.0066448	-.000012
#2	.0002456	.0186979	.0027227	31.68495	.0065332	.000226
#3	-.000169	.0176578	.0018321	31.76081	.0068222	-.000269

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	278.2951	-.000560	.0214278	13.32184	.1574161	.0030917
Stddev	4.0355	.001436	.0002838	.17387	.0010802	.0001150
%RSD	1.450081	256.2247	1.324534	1.305173	.6861828	3.720864

#1	282.9273	.001030	.0211299	13.38262	.1561706	.0031092
#2	276.4178	-.001762	.0214586	13.45715	.1579821	.0031969
#3	275.5403	-.000949	.0216950	13.12573	.1580957	.0029688

Sample Name: Q2950-01LX5 Acquired: 8/27/2025 12:56:58 Type: Unk
Method: 6010-200.7 NEW(v131) 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	-.002086	-.000966	2.984527	.0144860	F 26.20077	.0142986
Stddev	.000552	.000578	.013436	.0012419	.20038	.0017014
%RSD	26.47498	59.77284	.4502017	8.573213	.7647792	11.89890
#1	-.001684	-.001527	2.994640	.0149538	26.42353	.0159057
#2	-.002715	-.000999	2.989660	.0130781	26.14359	.0125165
#3	-.001858	-.000373	2.969281	.0154261	26.03520	.0144736

Elem	Sr4077
Units	ppm
Avg	.3666468
Stddev	.0030598
%RSD	.8345329
#1	.3690018
#2	.3677503
#3	.3631883

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5788.506	98877.70	10376.38	4343.333	6474.791
Stddev	15.574	255.13	60.97	21.152	22.310
%RSD	.2690458	.2580293	.5875989	.4870042	.3445715
#1	5800.392	98615.54	10398.23	4327.847	6494.690
#2	5794.250	99125.17	10423.42	4367.433	6479.011
#3	5770.876	98892.41	10307.50	4334.719	6450.672

Sample Name: CCV02 Acquired: 8/27/2025 13:07:56 Type: Unk
Method: 6010-200.7 NEW(v131) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCV02 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.098405	5.412629	4.946837	5.182780	5.077281	9.951655	9.749072
Stddev	.011827	.052033	.009860	.012298	.014840	.033800	.179819
%RSD	.2319648	.9613286	.1993254	.2372833	.2922836	.3396463	1.844468

#1	5.094393	5.378173	4.936238	5.174694	5.066412	9.924217	9.618416
#2	5.089107	5.472484	4.948535	5.176714	5.071243	9.989412	9.954155
#3	5.111716	5.387230	4.955738	5.196933	5.094188	9.941334	9.674644

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2397504	2.496470	24.55391	1.020723	2.476961	1.249458	5.197546
Stddev	.0011292	.004879	.04358	.002092	.004135	.001606	.046935
%RSD	.4709901	.1954250	.1774728	.2049885	.1669569	.1285750	.9030262

#1	.2388509	2.491014	24.54533	1.018642	2.473448	1.247708	5.167314
#2	.2393827	2.497985	24.60114	1.022827	2.475916	1.249800	5.251616
#3	.2410177	2.500411	24.51527	1.020700	2.481519	1.250866	5.173707

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.438048	24.52470	2.483583	1.258932	25.57069	2.500479	2.548838
Stddev	.013290	.04235	.004696	.000804	.18709	.011688	.005811
%RSD	.5451052	.1726641	.1890728	.0638710	.7316603	.4674200	.2279948

#1	2.428599	24.53662	2.478849	1.258272	25.53238	2.488167	2.549395
#2	2.453244	24.47767	2.483659	1.259828	25.77397	2.511422	2.542769
#3	2.432300	24.55981	2.488240	1.258697	25.40572	2.501848	2.554352

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.02213	4.768452	5.120493	4.943213	4.947349	5.248979	4.942293
Stddev	.14825	.028018	.009905	.011594	.014938	.006195	.017149
%RSD	.5696888	.5875635	.1934397	.2345429	.3019363	.1180268	.3469918

#1	26.02063	4.743268	5.110798	4.929895	4.936074	5.255830	4.922776
#2	26.17112	4.763457	5.120085	4.948692	4.964291	5.247336	4.954954
#3	25.87464	4.798631	5.130595	4.951052	4.941682	5.243771	4.949148

Sample Name: CCV02 Acquired: 8/27/2025 13:07:56 Type: Unk
Method: 6010-200.7 NEW(v131) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCV02 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.013715	4.901474	5.027458
Stddev	.017400	.018996	.028762
%RSD	.3470482	.3875559	.5721071

#1	4.997211	4.886152	5.011485
#2	5.031890	4.922728	5.010227
#3	5.012043	4.895541	5.060662

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6168.117	106940.9	10904.08	4626.066	7030.022
Stddev	6.756	238.3	39.84	3.529	10.295
%RSD	.1095330	.2228640	.3653308	.0762787	.1464408

#1	6175.907	106984.3	10942.56	4623.127	7041.295
#2	6163.847	106683.8	10906.65	4629.980	7021.119
#3	6164.599	107154.5	10863.01	4625.091	7027.653

Sample Name: CCB02 Acquired: 8/27/2025 13:12:05 Type: Unk
Method: 6010-200.7 NEW(v131) 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	.0006399	-.000204	-.000087	-.002222	-.003084	.0163865	-.000074
Stddev	.0012159	.001726	.000530	.001645	.000788	.0075224	.000525
%RSD	190.0110	848.2037	611.9326	74.03195	25.56283	45.90642	710.2282

#1	.0001497	-.002192	.000484	-.000324	-.003994	.0181137	-.000603
#2	.0020243	.000912	-.000564	-.003236	-.002605	.0228950	-.000065
#3	-.000254	.000670	-.000180	-.003107	-.002654	.0081506	.000446

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001168	.0000481	.0011939	.0001602	.0000153	-.000128	.0043004
Stddev	.0000284	.0000668	.0004433	.0003837	.0001462	.000233	.0021103
%RSD	24.31099	138.7783	37.13002	239.5625	958.7944	182.9287	49.07275

#1	.0000890	-.000028	.0013713	-.000201	.0000392	-.000387	.0018640
#2	.0001156	.000097	.0006893	.000119	-.000141	.000064	.0054841
#3	.0001457	.000075	.0015209	.000563	.000148	-.000060	.0055533

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000240	.0189229	.0002292	.0006636	.2075211	-.001440	-.000325
Stddev	.000129	.0211586	.0000483	.0003927	.0336775	.001596	.000048
%RSD	53.67920	111.8148	21.08250	59.17117	16.22849	110.8508	14.67745

#1	-.000166	.0188449	.0002421	.0011170	.1733056	-.000043	-.000322
#2	-.000388	-.002197	.0002698	.0004411	.2086240	-.001097	-.000374
#3	-.000165	.040120	.0001758	.0004328	.2406336	-.003180	-.000279

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1686368	.0043891	.0004307	-.000540	.0004478	-.003777	.0011092
Stddev	.0431153	.0003673	.0001487	.000444	.0013195	.009742	.0003196
%RSD	25.56692	8.367907	34.51699	82.18362	294.6703	257.9173	28.81728

#1	.1199342	.0044472	.0002701	-.000806	.0009199	.002295	.0009784
#2	.1840457	.0047240	.0004583	-.000787	-.001043	.001388	.0008757
#3	.2019305	.0039963	.0005636	-.000028	.001466	-.015014	.0014735

Sample Name: CCB02 Acquired: 8/27/2025 13:12:05 Type: Unk
Method: 6010-200.7 NEW(v131) 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	.0071605	.0010541	.0000257
Stddev	.0017471	.0007827	.0000400
%RSD	24.39948	74.25173	155.9336

#1	.0051609	.0005345	.0000372
#2	.0079286	.0006735	.0000586
#3	.0083920	.0019543	-.000019

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6377.554	111304.1	10769.88	4793.399	7918.340
Stddev	6.801	321.6	64.93	7.048	8.480
%RSD	.1066408	.2889343	.6028507	.1470359	.1070923

#1	6382.862	111669.1	10844.05	4789.954	7924.197
#2	6379.912	111181.0	10742.25	4788.736	7922.207
#3	6369.887	111062.3	10723.34	4801.507	7908.616

Sample Name: Q2950-01MS Acquired: 8/27/2025 13:16:23 Type: Unk
Method: 6010-200.7 NEW(v131) 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	.8380944	1.892178	.8969394	2.094228	.8475164	2.019164
Stddev	.0008415	.034354	.0020107	.006093	.0025340	.020036
%RSD	.1004013	1.815595	.2241783	.2909535	.2989870	.9922688

#1	.8390076	1.887612	.8947690	2.088080	.8446641	2.039291
#2	.8373504	1.860335	.8987388	2.094341	.8495075	2.018979
#3	.8379252	1.928587	.8973103	2.100265	.8483776	1.999221

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4200449	.1777429	.1949085	148.6325	.4043053	.1980843
Stddev	.0010459	.0003253	.0006167	.1818	.0016596	.0005426
%RSD	.2490053	.1830124	.3163898	.1222854	.4104804	.2739007

#1	.4203894	.1777373	.1941992	148.4949	.4059690	.1974582
#2	.4188701	.1780710	.1953182	148.5640	.4026498	.1983791
#3	.4208751	.1774205	.1952080	148.8385	.4042972	.1984157

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2788428	3.349737	.1962566	156.9340	.5177464	.0818149
Stddev	.0007610	.006431	.0004421	.4882	.0008575	.0005461
%RSD	.2728943	.1919973	.2252859	.3111036	.1656137	.6674396

#1	.2780920	3.357092	.1960206	156.3730	.5168395	.0815039
#2	.2788230	3.346955	.1967666	157.2629	.5185439	.0824455
#3	.2796135	3.345165	.1959824	157.1660	.5178559	.0814954

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1463.104	.2933922	.3396968	85.44594	.9054752	.4353697
Stddev	1.871	.0014222	.0011221	.42745	.0015902	.0010083
%RSD	.1278520	.4847262	.3303131	.5002541	.1756200	.2316045

#1	1461.543	.2920559	.3401962	85.30381	.9040785	.4342075
#2	1465.177	.2932338	.3404825	85.10766	.9072059	.4358891
#3	1462.591	.2948869	.3384117	85.92634	.9051413	.4360124

Sample Name: Q2950-01MS Acquired: 8/27/2025 13:16:23 Type: Unk
Method: 6010-200.7 NEW(v131) 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	.6897053	.1852525	F 17.58862	6.522336	F 135.9120	.2130022
Stddev	.0031198	.0013750	.01577	.012725	.3643	.0014973
%RSD	.4523406	.7422468	.0896811	.1951053	.2680618	.7029369
#1	.6862305	.1853087	17.57098	6.511254	135.7558	.2112760
#2	.6906198	.1838502	17.59351	6.519519	135.6518	.2139486
#3	.6922658	.1865986	17.60137	6.536233	136.3284	.2137820

Elem	Sr4077
Units	ppm
Avg	2.062263
Stddev	.022419
%RSD	1.087129
#1	2.075901
#2	2.036388
#3	2.074500

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5113.459	89062.86	10336.73	3848.314	5508.781
Stddev	9.565	259.51	24.62	4.907	8.559
%RSD	.1870500	.2913739	.2382264	.1275116	.1553623
#1	5123.520	89219.42	10363.10	3849.711	5518.550
#2	5104.483	89205.85	10332.76	3842.859	5502.601
#3	5112.374	88763.31	10314.33	3852.370	5505.192

Sample Name: Q2950-01MSD Acquired: 8/27/2025 13:20:35 Type: Unk
Method: 6010-200.7 NEW(v131) 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	.8379678	1.880253	.9101774	2.078498	.8375914	2.064319
Stddev	.0035786	.005803	.0002178	.002339	.0036318	.020244
%RSD	.4270591	.3086526	.0239251	.1125495	.4335940	.9806760

#1	.8420451	1.886744	.9103503	2.079151	.8415459	2.085282
#2	.8365105	1.875567	.9099329	2.075901	.8344055	2.044880
#3	.8353477	1.878447	.9102491	2.080441	.8368227	2.062794

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4307377	.1775164	.1974225	152.4605	.4121724	.2005559
Stddev	.0031133	.0019344	.0004259	.3511	.0022425	.0003447
%RSD	.7227815	1.089685	.2157034	.2302659	.5440717	.1718660

#1	.4293718	.1759257	.1971006	152.1523	.4098521	.2006258
#2	.4285409	.1769538	.1972614	152.3865	.4143280	.2008602
#3	.4343005	.1796697	.1979053	152.8426	.4123370	.2001816

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2814213	3.491990	.2004052	161.6713	.5240009	.0821382
Stddev	.0002720	.039649	.0008821	.5970	.0006813	.0002173
%RSD	.0966682	1.135422	.4401497	.3692392	.1300286	.2645728

#1	.2817354	3.499766	.2003305	161.0002	.5237799	.0818936
#2	.2812592	3.527174	.1995628	161.8706	.5234575	.0823089
#3	.2812693	3.449028	.2013222	162.1430	.5247653	.0822122

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1550.317	.2997433	.3466993	90.60558	.9086861	.4362414
Stddev	20.278	.0020880	.0008047	.63935	.0108750	.0013039
%RSD	1.307960	.6965957	.2321098	.7056413	1.196784	.2988885

#1	1540.658	.3014744	.3472723	90.82341	.9021450	.4376861
#2	1573.619	.2974244	.3470462	91.10755	.9026735	.4358860
#3	1536.676	.3003311	.3457792	89.88578	.9212398	.4351520

Sample Name: Q2950-01MSD Acquired: 8/27/2025 13:20:35 Type: Unk
Method: 6010-200.7 NEW(v131) 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	.6975153	.1879230	F 18.58897	6.611661	F 137.5716	.2138510
Stddev	.0025297	.0013798	.17443	.015846	.3036	.0001206
%RSD	.3626721	.7342424	.9383309	.2396730	.2206980	.0564041
#1	.6973407	.1863830	18.65587	6.605397	137.9219	.2137394
#2	.6950774	.1883395	18.72005	6.599904	137.4085	.2139790
#3	.7001278	.1890466	18.39100	6.629682	137.3844	.2138346

Elem	Sr4077
Units	ppm
Avg	2.120444
Stddev	.030376
%RSD	1.432544
#1	2.087557
#2	2.126328
#3	2.147448

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5054.836	86182.05	10286.54	3778.706	5418.078
Stddev	3.463	577.11	126.87	18.181	3.008
%RSD	.0685057	.6696433	1.233384	.4811491	.0555114
#1	5051.208	86719.22	10411.17	3787.994	5419.452
#2	5058.105	85571.93	10290.92	3757.757	5420.153
#3	5055.197	86254.99	10157.54	3790.368	5414.629

Sample Name: Q2950-01A Acquired: 8/27/2025 13:24:50 Type: Unk
Method: 6010-200.7 NEW(v131) 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	.8340009	1.880867	.9013877	2.085717	.8400523	2.048015
Stddev	.0054441	.005961	.0059467	.011348	.0041728	.009593
%RSD	.6527697	.3169371	.6597258	.5441012	.4967314	.4683974

#1	.8402581	1.874119	.8968226	2.098585	.8436973	2.055531
#2	.8303488	1.883067	.8992280	2.081428	.8409588	2.037211
#3	.8313959	1.885416	.9081124	2.077138	.8355008	2.051303

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4081538	.1839294	.1951371	144.4727	.4061152	.1977664
Stddev	.0009861	.0012849	.0010393	.4649	.0016485	.0009829
%RSD	.2415961	.6985898	.5326133	.3217667	.4059244	.4970121

#1	.4086901	.1850993	.1940161	144.9843	.4042691	.1968218
#2	.4070158	.1841347	.1953266	144.3574	.4074403	.1976937
#3	.4087556	.1825542	.1960687	144.0763	.4066361	.1987837

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2788565	3.309853	.1969972	153.5694	.5183800	.0808054
Stddev	.0003509	.013429	.0003180	.6035	.0024566	.0006123
%RSD	.1258359	.4057135	.1613984	.3929950	.4738918	.7577273

#1	.2788507	3.298936	.1968502	154.1574	.5159252	.0805808
#2	.2792103	3.305775	.1967794	153.5994	.5183765	.0814982
#3	.2785086	3.324847	.1973621	152.9515	.5208384	.0803371

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1367.602	.2933959	.3419886	81.92874	.9184271	.4310584
Stddev	11.757	.0008663	.0005854	.81019	.0084373	.0007964
%RSD	.8596825	.2952756	.1711913	.9888970	.9186656	.1847509

#1	1381.085	.2940981	.3424438	81.19220	.9258414	.4318217
#2	1359.491	.2936618	.3413281	81.79748	.9201933	.4311209
#3	1362.229	.2924277	.3421938	82.79655	.9092465	.4302326

Sample Name: Q2950-01A Acquired: 8/27/2025 13:24:50 Type: Unk
Method: 6010-200.7 NEW(v131) 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	.6872088	.1821682	F 16.95383	6.538142	F 131.3342	.2094336
Stddev	.0037696	.0007240	.11652	.008813	.1073	.0004123
%RSD	.5485319	.3974159	.6872517	.1347960	.0816930	.1968661
#1	.6829754	.1829742	16.83313	6.528183	131.4480	.2089854
#2	.6884490	.1819573	16.96272	6.541307	131.2349	.2097967
#3	.6902021	.1815731	17.06565	6.544935	131.3197	.2095188

Elem	Sr4077
Units	ppm
Avg	1.995552
Stddev	.005524
%RSD	.2768296
#1	1.998178
#2	1.989205
#3	1.999274

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5100.627	87634.92	10003.21	3806.517	5487.345
Stddev	3.480	195.33	68.88	16.998	26.328
%RSD	.0682229	.2228858	.6885873	.4465452	.4797961
#1	5104.218	87851.66	9943.88	3803.946	5514.011
#2	5100.393	87472.51	9987.00	3824.654	5486.656
#3	5097.270	87580.60	10078.75	3790.952	5461.369

Sample Name: Q2954-11 Acquired: 8/27/2025 13:28:57 Type: Unk
Method: 6010-200.7 NEW(v131) 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	.0733353	-.033306	.0662246	.0015474	-.013364	22.20353
Stddev	.0011153	.000646	.0024437	.0030898	.001944	.03313
%RSD	1.520875	1.938229	3.689969	199.6826	14.54484	.1492201

#1	.0734415	-.032870	.0640936	-.000627	-.015579	22.18514
#2	.0743937	-.033000	.0688919	.000185	-.011943	22.18367
#3	.0721706	-.034047	.0656884	.005084	-.012571	22.24178

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3780921	.0107113	.0041545	53.12323	.0685675	.0356031
Stddev	.0006430	.0000293	.0001449	.03159	.0004573	.0000863
%RSD	.1700724	.2739291	3.487655	.0594589	.6669347	.2422790

#1	.3788304	.0107304	.0040042	53.15721	.0686109	.0355055
#2	.3776542	.0106775	.0041659	53.11771	.0690015	.0356348
#3	.3777918	.0107260	.0042934	53.09477	.0680900	.0356690

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0610825	227.7224	.8025488	17.21010	.0799091	.0109193
Stddev	.0002510	.6748	.0010502	.04217	.0005160	.0002922
%RSD	.4108417	.2963372	.1308530	.2450397	.6457591	2.676055

#1	.0613108	228.1215	.8035607	17.25197	.0794230	.0112188
#2	.0611228	228.1024	.8014642	17.21070	.0798538	.0109039
#3	.0608138	226.9432	.8026214	17.16764	.0804505	.0106350

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	133.4328	.1205697	.5183318	15.31714	.2501639	.0014415
Stddev	.5088	.0010792	.0011161	.05628	.0054910	.0002105
%RSD	.3812874	.8951119	.2153265	.3674387	2.194958	14.60084

#1	133.8389	.1203323	.5187527	15.33212	.2560150	.0016012
#2	133.5973	.1196288	.5191763	15.36442	.2493536	.0012030
#3	132.8621	.1217478	.5170665	15.25489	.2451230	.0015204

Sample Name: Q2954-11 Acquired: 8/27/2025 13:28:57 Type: Unk
Method: 6010-200.7 NEW(v131) 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	-.001802	.2128051	F 55.22400	7.563401	F 22.08400	.0294521
Stddev	.000647	.0019161	.07045	.030546	.06245	.0004636
%RSD	35.93014	.9003833	.1275733	.4038709	.2828040	1.574118
#1	-.001627	.2145064	55.29109	7.549738	22.06821	.0299335
#2	-.002519	.2131793	55.23031	7.542071	22.03096	.0294143
#3	-.001260	.2107295	55.15061	7.598394	22.15284	.0290085

Elem	Sr4077
Units	ppm
Avg	.1095296
Stddev	.0009146
%RSD	.8349923
#1	.1102333
#2	.1084958
#3	.1098596

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6189.374	106177.1	11374.67	4635.870	6703.914
Stddev	10.363	135.3	19.72	9.806	3.119
%RSD	.1674241	.1274042	.1733396	.2115260	.0465309
#1	6189.323	106193.5	11380.14	4624.548	6707.358
#2	6179.037	106034.3	11391.08	4641.401	6703.107
#3	6199.762	106303.4	11352.80	4641.662	6701.277

Sample Name: Q2954-11DUP Acquired: 8/27/2025 13:32:58 Type: Unk
Method: 6010-200.7 NEW(v131) 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	.0633182	-.027748	.0620018	-.001451	-.010745	19.06350
Stddev	.0026082	.000646	.0009413	.002521	.001633	.02080
%RSD	4.119259	2.326676	1.518099	173.7462	15.19792	.1090943

#1	.0603181	-.027254	.0616816	-.003645	-.009337	19.05109
#2	.0650475	-.027511	.0630613	-.002012	-.010363	19.05191
#3	.0645889	-.028478	.0612623	.001303	-.012535	19.08751

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3480903	.0103757	.0045752	50.56842	.0573026	.0324381
Stddev	.0001442	.0000534	.0001455	.04640	.0002006	.0000996
%RSD	.0414368	.5144974	3.180529	.0917568	.3500793	.3071008

#1	.3479514	.0104202	.0047421	50.52176	.0573967	.0325151
#2	.3480802	.0103165	.0044744	50.56892	.0570722	.0324735
#3	.3482393	.0103903	.0045093	50.61456	.0574388	.0323256

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0607412	197.9007	.7382639	16.07702	.0740857	.0062399
Stddev	.0003917	.8820	.0017246	.05297	.0005892	.0010642
%RSD	.6449317	.4456800	.2335953	.3294868	.7953536	17.05521

#1	.0611858	196.8826	.7397827	16.13692	.0747552	.0050647
#2	.0604471	198.4314	.7363892	16.03635	.0736458	.0071385
#3	.0605905	198.3883	.7386198	16.05780	.0738562	.0065166

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	118.0894	.1041413	.4938070	13.21927	.1923979	.0011728
Stddev	.6014	.0012960	.0012063	.08958	.0056928	.0001969
%RSD	.5092706	1.244451	.2442921	.6776252	2.958847	16.79125

#1	117.4447	.1054527	.4927626	13.11742	.1858555	.0013576
#2	118.6352	.1028613	.4935311	13.28580	.1951161	.0011951
#3	118.1883	.1041098	.4951274	13.25459	.1962219	.0009656

Sample Name: Q2954-11DUP Acquired: 8/27/2025 13:32:58 Type: Unk
Method: 6010-200.7 NEW(v131) 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	-.001745	.1748017	F 46.07019	6.476251	F 20.19128	.0260747
Stddev	.000673	.0007649	.19763	.010727	.04119	.0009709
%RSD	38.54265	.4375737	.4289828	.1656296	.2040217	3.723670
#1	-.001543	.1754686	45.85375	6.479649	20.18616	.0256025
#2	-.002496	.1739668	46.11575	6.464236	20.23479	.0254301
#3	-.001197	.1749696	46.24106	6.484866	20.15288	.0271914

Elem	Sr4077
Units	ppm
Avg	.1170398
Stddev	.0005941
%RSD	.5076454
#1	.1177063
#2	.1165656
#3	.1168476

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6171.069	104070.0	10802.60	4542.556	6716.431
Stddev	7.890	325.0	20.17	17.215	9.235
%RSD	.1278572	.3122857	.1866945	.3789672	.1374994
#1	6166.309	104369.3	10781.74	4560.512	6705.978
#2	6166.722	103724.3	10804.04	4526.194	6719.833
#3	6180.177	104116.4	10822.00	4540.962	6723.483

Sample Name: Q2954-11LX5 Acquired: 8/27/2025 13:37:02 Type: Unk
Method: 6010-200.7 NEW(v131) 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	.0147306	-.006412	.0143357	-.000646	-.004613	5.199569
Stddev	.0018115	.001439	.0008547	.003247	.002224	.008415
%RSD	12.29764	22.44399	5.962064	502.9975	48.20718	.1618338

#1	.0128291	-.007101	.0151990	.000165	-.007062	5.191574
#2	.0149265	-.004758	.0134899	-.004221	-.004058	5.198785
#3	.0164362	-.007376	.0143182	.002119	-.002719	5.208349

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0822984	.0026622	.0009627	11.77733	.0156376	.0073467
Stddev	.0000917	.0000919	.0001037	.00552	.0001944	.0002123
%RSD	.1114403	3.450900	10.76717	.0468503	1.243441	2.889960

#1	.0823222	.0027128	.0010725	11.77109	.0154972	.0071101
#2	.0821972	.0027176	.0008665	11.78156	.0155561	.0074091
#3	.0823759	.0025561	.0009491	11.77934	.0158595	.0075207

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0155410	46.54855	.1758474	3.843203	.0168570	.0007785
Stddev	.0000713	.10021	.0005526	.022571	.0002586	.0000987
%RSD	.4589665	.2152811	.3142270	.5872958	1.533976	12.67279

#1	.0155191	46.58144	.1762718	3.818145	.0167160	.0008118
#2	.0154831	46.62819	.1752226	3.849526	.0166996	.0008563
#3	.0156207	46.43603	.1760478	3.861938	.0171555	.0006675

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.56835	.0252907	.1127403	3.781548	.0362100	.0002040
Stddev	.09117	.0022554	.0001065	.090552	.0005111	.0002584
%RSD	.3565895	8.917855	.0945016	2.394579	1.411423	126.6784

#1	25.67141	.0246178	.1126226	3.721252	.0356413	-.000049
#2	25.53544	.0278060	.1127683	3.737716	.0363578	.000467
#3	25.49821	.0234484	.1128301	3.885675	.0366308	.000194

Sample Name: Q2954-11LX5 Acquired: 8/27/2025 13:37:02 Type: Unk
Method: 6010-200.7 NEW(v131) 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	-.001673	.0622680	F 11.96024	1.578224	4.633652	.0183549
Stddev	.000503	.0005264	.03901	.003909	.001229	.0025507
%RSD	30.09177	.8454006	.3261629	.2476642	.0265231	13.89674
#1	-.001645	.0621972	11.91637	1.573785	4.635057	.0155663
#2	-.001184	.0617806	11.99102	1.581149	4.632775	.0189282
#3	-.002190	.0628262	11.97333	1.579738	4.633125	.0205702

Elem	Sr4077
Units	ppm
Avg	.0261835
Stddev	.0003400
%RSD	1.298587
#1	.0265289
#2	.0258491
#3	.0261724

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6207.248	104489.1	10309.21	4562.697	7201.687
Stddev	4.633	109.2	12.70	17.153	1.112
%RSD	.0746323	.1044894	.1232243	.3759296	.0154378
#1	6205.292	104374.4	10303.53	4553.514	7200.657
#2	6203.914	104591.8	10323.76	4582.486	7202.866
#3	6212.538	104501.1	10300.33	4552.091	7201.538

Sample Name: Q2954-11MS Acquired: 8/27/2025 13:41:12 Type: Unk
Method: 6010-200.7 NEW(v131) 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	.8081495	1.955250	.9663923	1.842910	.6416338	22.88849
Stddev	.0012753	.038568	.0020902	.005563	.0043513	.02029
%RSD	.1578057	1.972556	.2162856	.3018565	.6781652	.0886419

#1	.8075324	1.938526	.9676402	1.839663	.6366269	22.89664
#2	.8073000	1.927867	.9639792	1.839734	.6445013	22.86539
#3	.8096159	1.999358	.9675574	1.849334	.6437731	22.90343

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5557699	.1805373	.1939934	54.04026	.4446199	.2279056
Stddev	.0037845	.0008481	.0002869	.10440	.0005557	.0002403
%RSD	.6809455	.4697803	.1478973	.1931883	.1249833	.1054568

#1	.5516459	.1809481	.1941318	53.94032	.4442043	.2281514
#2	.5590837	.1795620	.1936636	54.14861	.4452511	.2276711
#3	.5565801	.1811018	.1941849	54.03186	.4444044	.2278943

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3274218	213.5983	.9513162	18.73308	.5609845	.0721451
Stddev	.0006599	1.8827	.0036009	.04245	.0013252	.0003872
%RSD	.2015609	.8814297	.3785170	.2266303	.2362213	.5367461

#1	.3275238	211.9794	.9476212	18.74231	.5614211	.0717715
#2	.3267168	215.6644	.9548150	18.77015	.5594961	.0725446
#3	.3280248	213.1513	.9515124	18.68677	.5620363	.0721192

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	138.7959	.3936719	.6933915	25.23622	.4737560	.3977827
Stddev	1.6332	.0041956	.0009695	.25694	.0027392	.0005439
%RSD	1.176706	1.065764	.1398248	1.018127	.5781970	.1367214

#1	137.3945	.3888278	.6932219	25.02264	.4739361	.3971847
#2	140.5895	.3961573	.6925179	25.52134	.4764008	.3979154
#3	138.4036	.3960307	.6944346	25.16467	.4709312	.3982478

Sample Name: Q2954-11MS Acquired: 8/27/2025 13:41:12 Type: Unk
Method: 6010-200.7 NEW(v131) 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	.4729566	.3662425	F 53.54777	F 11.84486	F 20.74838	.2163921
Stddev	.0014335	.0010792	.34158	.03745	.09997	.0015816
%RSD	.3030931	.2946799	.6379058	.3161715	.4818367	.7308877
#1	.4720508	.3650102	53.29609	11.80549	20.67840	.2145826
#2	.4722097	.3670194	53.93662	11.84905	20.70387	.2175106
#3	.4746093	.3666979	53.41061	11.88004	20.86288	.2170831

Elem	Sr4077
Units	ppm
Avg	.3109293
Stddev	.0006438
%RSD	.2070657
#1	.3103608
#2	.3116284
#3	.3107986

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6140.490	105342.1	11384.75	4596.980	6650.755
Stddev	3.255	668.4	21.87	30.713	6.624
%RSD	.0530150	.6345010	.1920860	.6681155	.0995928
#1	6143.220	105714.7	11364.89	4596.489	6646.539
#2	6141.364	104570.4	11381.16	4566.515	6658.390
#3	6136.887	105741.1	11408.19	4627.936	6647.337

Sample Name: Q2954-11MSD Acquired: 8/27/2025 13:45:08 Type: Unk
Method: 6010-200.7 NEW(v131) 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	.7863493	1.853722	.9410394	1.787534	.6153021	21.99553
Stddev	.0015607	.028227	.0030071	.001635	.0022014	.00317
%RSD	.1984797	1.522725	.3195510	.0914720	.3577816	.0144288

#1	.7852442	1.869215	.9384468	1.788836	.6152010	21.99645
#2	.7881347	1.870809	.9403353	1.785699	.6175524	21.99199
#3	.7856689	1.821141	.9443361	1.788066	.6131530	21.99814

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5159587	.1905632	.1904170	51.13824	.4340206	.2214695
Stddev	.0021452	.0004725	.0001746	.20259	.0022967	.0003364
%RSD	.4157684	.2479238	.0916778	.3961623	.5291678	.1518981

#1	.5137190	.1901324	.1905195	50.97803	.4331111	.2216211
#2	.5161622	.1904887	.1905160	51.07073	.4323180	.2217034
#3	.5179949	.1910684	.1902154	51.36597	.4366328	.2210840

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3293321	187.3814	.9101318	17.78924	.5450667	.0642098
Stddev	.0004424	.5216	.0026470	.08592	.0006234	.0002447
%RSD	.1343421	.2783497	.2908415	.4829635	.1143631	.3810560

#1	.3295162	187.1355	.9070936	17.72501	.5443691	.0639297
#2	.3296527	187.0281	.9113615	17.75587	.5452617	.0643176
#3	.3288273	187.9804	.9119403	17.88683	.5455692	.0643820

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	113.0518	.3759453	.6633484	21.57160	.3869251	.3872715
Stddev	.3319	.0019009	.0008611	.07107	.0026588	.0003273
%RSD	.2935525	.5056366	.1298116	.3294771	.6871658	.0845206

#1	112.8074	.3769314	.6623615	21.53640	.3871931	.3874775
#2	112.9184	.3737540	.6639469	21.52500	.3841425	.3868941
#3	113.4296	.3771506	.6637367	21.65340	.3894398	.3874429

Sample Name: Q2954-11MSD Acquired: 8/27/2025 13:45:08 Type: Unk
Method: 6010-200.7 NEW(v131) 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	.4493612	.3561471	F 46.53328	F 11.52872	F 19.83278	.2044616
Stddev	.0008536	.0018518	.12658	.01326	.02233	.0017878
%RSD	.1899706	.5199584	.2720231	.1150011	.1125779	.8744120
#1	.4502612	.3540485	46.40545	11.53157	19.85796	.2025335
#2	.4485630	.3568411	46.53581	11.54031	19.82500	.2060645
#3	.4492594	.3575517	46.65858	11.51426	19.81539	.2047868

Elem	Sr4077
Units	ppm
Avg	.3041644
Stddev	.0011089
%RSD	.3645791
#1	.3029272
#2	.3050688
#3	.3044973

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6158.795	106300.9	10464.24	4673.988	6684.996
Stddev	9.483	380.2	38.90	9.499	5.740
%RSD	.1539729	.3576878	.3717412	.2032405	.0858703
#1	6157.126	106615.0	10506.05	4680.930	6685.168
#2	6150.258	106409.6	10457.56	4663.162	6679.172
#3	6169.002	105878.2	10429.12	4677.872	6690.649

Sample Name: Q2954-11A Acquired: 8/27/2025 13:49:05 Type: Unk
Method: 6010-200.7 NEW(v131) 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	.8195372	2.005225	.9685919	1.873546	.7387994	22.10454
Stddev	.0007727	.062312	.0014786	.003582	.0035298	.04496
%RSD	.0942824	3.107493	.1526550	.1912104	.4777766	.2033885

#1	.8192045	1.944516	.9669861	1.870371	.7347472	22.06917
#2	.8189866	2.002133	.9688926	1.872838	.7404460	22.15513
#3	.8204205	2.069026	.9698971	1.877430	.7412051	22.08932

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5253822	.1909092	.1958187	51.21305	.4437559	.2277920
Stddev	.0022681	.0010337	.0000936	.09046	.0011582	.0005164
%RSD	.4317109	.5414530	.0477927	.1766266	.2610094	.2266804

#1	.5264719	.1921016	.1957249	51.26746	.4425652	.2272887
#2	.5268998	.1902669	.1959121	51.26305	.4438237	.2283205
#3	.5227749	.1903591	.1958191	51.10863	.4448787	.2277667

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3387745	198.9707	.9243470	17.93629	.5618129	.0719943
Stddev	.0003569	.3563	.0013822	.05933	.0009886	.0011199
%RSD	.1053637	.1790808	.1495286	.3307745	.1759715	1.555519

#1	.3383625	198.5616	.9254162	17.86783	.5609647	.0707023
#2	.3389907	199.1376	.9248386	17.96824	.5628987	.0725943
#3	.3389704	199.2130	.9227863	17.97279	.5615754	.0726863

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	117.1346	.3843816	.6788027	22.60440	.4177846	.4030801
Stddev	.2563	.0029528	.0011440	.06193	.0047187	.0005454
%RSD	.2188378	.7681991	.1685287	.2739914	1.129462	.1353045

#1	116.9945	.3866526	.6798908	22.53479	.4224405	.4024905
#2	117.4304	.3854486	.6776100	22.65343	.4179079	.4031834
#3	116.9788	.3810436	.6789074	22.62497	.4130055	.4035665

Sample Name: Q2954-11A Acquired: 8/27/2025 13:49:05 Type: Unk
Method: 6010-200.7 NEW(v131) 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	.6792806	.3914497	F 48.50082	F 12.35797	F 20.64152	.2113927
Stddev	.0024375	.0106321	.13372	.06149	.12719	.0011319
%RSD	.3588358	2.716082	.2757106	.4975859	.6161876	.5354469
#1	.6769325	.3930206	48.36756	12.29692	20.52192	.2124561
#2	.6791107	.4012090	48.49989	12.35709	20.62749	.2115190
#3	.6817986	.3801196	48.63500	12.41990	20.77514	.2102029

Elem	Sr4077
Units	ppm
Avg	.2994947
Stddev	.0015078
%RSD	.5034615
#1	.3009408
#2	.2996116
#3	.2979319

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6186.746	107362.7	10831.85	4726.477	6712.920
Stddev	9.202	44.4	60.43	10.677	4.611
%RSD	.1487337	.0413268	.5579271	.2258925	.0686850
#1	6183.622	107314.3	10766.66	4714.207	6710.775
#2	6197.103	107401.4	10842.91	4731.566	6718.213
#3	6179.513	107372.3	10886.00	4733.657	6709.774

Sample Name: PB169417BL Acquired: 8/27/2025 13:53:01 Type: Unk
Method: 6010-200.7 NEW(v131) 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	.0003377	-.001047	.0002314	-.002138	-.000583	.0061361
Stddev	.0017842	.000446	.0009333	.002637	.000373	.0048622
%RSD	528.3168	42.63795	403.3433	123.3075	63.95116	79.23915

#1	.0012122	-.000766	.0012550	-.004845	-.000154	.0098455
#2	.0015160	-.001562	.0000112	-.001993	-.000827	.0079313
#3	-.001715	-.000813	-.000572	.000423	-.000768	.0006316

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0040064	.0001411	.0000175	.0091675	.0002607	.0001615
Stddev	.0006285	.0000592	.0000673	.0021921	.0001397	.0000772
%RSD	15.68616	41.94097	385.6314	23.91154	53.56662	47.80588

#1	.0046937	.0001316	.0000506	.0075943	.0003945	.0000874
#2	.0034610	.0000873	.0000618	.0116713	.0001159	.0001556
#3	.0038645	.0002045	-.000060	.0082368	.0002718	.0002414

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000008	.0079184	-.000302	-.001804	.0002249	.0003150
Stddev	.000084	.0042064	.000295	.020963	.0001187	.0002362
%RSD	1007.124	53.12128	97.57282	1161.970	52.79031	74.99250

#1	.000073	.0040930	-.000265	-.019753	.0001824	.0005347
#2	-.000096	.0124231	-.000028	.021235	.0003590	.0003451
#3	-.000002	.0072393	-.000614	-.006894	.0001333	.0000651

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7454435	-.002717	-.001367	.7080772	-.000354	-.000002
Stddev	.0199214	.000112	.000034	.1249823	.000650	.000324
%RSD	2.672422	4.139281	2.513385	17.65095	183.6833	17511.72

#1	.7246536	-.002587	-.001369	.5855156	-.000237	-.000332
#2	.7473123	-.002788	-.001332	.7033687	.000230	.000315
#3	.7643647	-.002775	-.001400	.8353472	-.001054	.000012

Sample Name: PB169417BL Acquired: 8/27/2025 13:53:01 Type: Unk
Method: 6010-200.7 NEW(v131) 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	-.000316	-.000722	-.000477	.0008550	F .0298822	F .0104581
Stddev	.000413	.001837	.007055	.0014281	.0034558	.0017020
%RSD	130.8395	254.3463	1480.266	167.0278	11.56492	16.27459
#1	-.000785	-.002774	-.003207	.0009251	.0332546	.0084934
#2	-.000005	-.000161	.007536	-.000607	.0300434	.0113966
#3	-.000158	.000769	-.005759	.002247	.0263486	.0114844

Elem	Sr4077
Units	ppm
Avg	.0000320
Stddev	.0000822
%RSD	257.0526
#1	.0001144
#2	-.000050
#3	.000032

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6253.278	108645.1	10479.02	4747.903	7699.990
Stddev	30.209	110.9	33.10	15.329	49.871
%RSD	.4830863	.1020466	.3158585	.3228546	.6476719
#1	6280.437	108731.8	10516.06	4752.852	7750.272
#2	6258.656	108683.3	10452.34	4760.145	7699.158
#3	6220.742	108520.2	10468.66	4730.711	7650.541

Sample Name: CCV03 Acquired: 8/27/2025 14:09:04 Type: Unk
Method: 6010-200.7 NEW(v131) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCV03 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.067642	4.929219	5.021014	5.102297	4.988689	10.08490	9.630870
Stddev	.009595	.071913	.012283	.005682	.005084	.02450	.058988
%RSD	.1893348	1.458908	.2446368	.1113621	.1019005	.2429832	.6124937

#1	5.066077	4.919114	5.009735	5.106959	4.993810	10.08990	9.644366
#2	5.077923	5.005649	5.034101	5.103965	4.983644	10.10652	9.681941
#3	5.058926	4.862892	5.019204	5.095968	4.988612	10.05828	9.566303

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2518073	2.528067	24.77134	1.056687	2.477077	1.247628	5.197328
Stddev	.0008829	.006761	.08001	.003154	.005139	.001608	.015738
%RSD	.3506324	.2674206	.3229992	.2985058	.2074789	.1288818	.3028005

#1	.2510828	2.523146	24.74993	1.054707	2.472689	1.247777	5.214516
#2	.2527907	2.535776	24.85988	1.060324	2.482731	1.249156	5.183626
#3	.2515484	2.525280	24.70421	1.055029	2.475811	1.245950	5.193842

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.443951	24.97212	2.500580	1.275359	24.55685	2.500436	2.584476
Stddev	.007855	.05637	.006641	.000699	.04148	.005035	.007741
%RSD	.3214099	.2257295	.2655612	.0548423	.1689266	.2013696	.2995278

#1	2.444242	25.03527	2.494219	1.274876	24.56022	2.499246	2.575630
#2	2.451656	24.95423	2.507468	1.275039	24.59654	2.505960	2.587785
#3	2.435954	24.92687	2.500054	1.276161	24.51378	2.496103	2.590013

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.48325	4.953882	5.070116	4.932280	4.898104	5.233444	5.046451
Stddev	.03225	.017504	.006057	.020422	.017842	.033477	.029938
%RSD	.1265363	.3533400	.1194551	.4140501	.3642553	.6396674	.5932400

#1	25.50432	4.934098	5.072779	4.920658	4.900189	5.229338	5.033883
#2	25.44613	4.967358	5.074385	4.955861	4.914811	5.268784	5.080624
#3	25.49931	4.960189	5.063184	4.920323	4.879311	5.202210	5.024846

Sample Name: CCV03 Acquired: 8/27/2025 14:09:04 Type: Unk
Method: 6010-200.7 NEW(v131) 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	4.839746	4.894981	4.923643
Stddev	.025784	.017540	.022031
%RSD	.5327622	.3583206	.4474475
#1	4.838338	4.889048	4.907239
#2	4.866206	4.914718	4.948684
#3	4.814695	4.881178	4.915007

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5960.698	99501.56	9931.003	4364.991	6772.910
Stddev	8.578	255.28	46.181	5.304	18.096
%RSD	.1439028	.2565556	.4650142	.1215175	.2671830
#1	5958.637	99382.65	9939.594	4370.712	6785.197
#2	5953.339	99327.43	9881.130	4364.024	6752.130
#3	5970.119	99794.60	9972.284	4360.237	6781.403

Sample Name: CCB03 Acquired: 8/27/2025 14:13:15 Type: Unk
Method: 6010-200.7 NEW(v131) 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	.0014816	.0004116	-.000531	.0013123	-.001123	.0087063	.0017206
Stddev	.0017375	.0012098	.001410	.0011163	.001251	.0082144	.0006588
%RSD	117.2733	293.9044	265.5044	85.06905	111.3819	94.34975	38.28693

#1	.0021114	.0010919	-.002156	.0012909	-.002566	.0022812	.0020246
#2	-.000483	-.000985	.000378	.0002068	-.000362	.0179616	.0009648
#3	.002816	.001128	.000184	.0024392	-.000440	.0058761	.0021726

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000478	.0000580	-.003064	.0000455	.0000940	-.000109	.0085952
Stddev	.0000165	.0000811	.007349	.0001868	.0000163	.000126	.0035242
%RSD	34.56109	139.7680	239.8234	410.7747	17.32037	115.3062	41.00245

#1	.0000374	.0001481	.001718	.0000994	.0000813	-.000056	.0111238
#2	.0000392	.0000351	.000615	-.000162	.0000882	-.000253	.0045696
#3	.0000669	-.000009	-.011527	.000199	.0001123	-.000018	.0100922

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001348	.0117533	.0000803	.0007390	.2085940	-.001790	-.001136
Stddev	.0003907	.0259439	.0002553	.0002240	.0100159	.003858	.000276
%RSD	289.8814	220.7375	317.9313	30.30355	4.801598	215.5340	24.32507

#1	.0003376	-.018058	-.000210	.0008965	.1974629	.002665	-.001433
#2	.0003823	.024097	.000270	.0008380	.2114408	-.004055	-.000887
#3	-.000316	.029220	.000181	.0004827	.2168783	-.003980	-.001088

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3150406	.0069404	.0002879	-.000170	.0005393	.0003883	.0002427
Stddev	.0447381	.0005671	.0001344	.000344	.0006113	.0098824	.0013680
%RSD	14.20075	8.171268	46.69328	202.7919	113.3427	2545.191	563.5724

#1	.2781881	.0075950	.0003590	-.000366	.0011605	-.008880	-.001300
#2	.3021153	.0065977	.0003719	.000228	-.000062	-.000743	.001308
#3	.3648185	.0066285	.0001329	-.000370	.000519	.010788	.000720

Sample Name: CCB03 Acquired: 8/27/2025 14:13:15 Type: Unk
Method: 6010-200.7 NEW(v131) 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	.0099417	.0000510	.0000807
Stddev	.0012146	.0009019	.0000154
%RSD	12.21704	1768.552	19.04583
#1	.0085693	-.000910	.0000777
#2	.0103777	.000880	.0000973
#3	.0108782	.000183	.0000670

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6191.961	106366.4	10086.70	4648.735	7664.618
Stddev	11.864	427.1	45.68	37.636	7.826
%RSD	.1915991	.4015096	.4528662	.8095880	.1021100
#1	6198.234	106575.8	10137.22	4654.541	7672.766
#2	6199.371	106648.3	10074.58	4683.130	7663.928
#3	6178.278	105875.0	10048.31	4608.533	7657.159

Sample Name: PB169417BS Acquired: 8/27/2025 14:17:34 Type: Unk
Method: 6010-200.7 NEW(v131) 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	.7806774	1.876362	.9536372	1.968248	.7949184	2.023836
Stddev	.0043136	.094419	.0021345	.008602	.0019165	.011054
%RSD	.5525464	5.032044	.2238276	.4370139	.2411002	.5462101

#1	.7759276	1.772590	.9558579	1.958326	.7937000	2.028831
#2	.7817534	1.899291	.9516008	1.972817	.7939276	2.031512
#3	.7843512	1.957206	.9534528	1.973601	.7971275	2.011166

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1975191	.2057122	.1906980	1.058039	.4106057	.1959180
Stddev	.0008339	.0007224	.0004193	.008538	.0016292	.0002131
%RSD	.4222122	.3511868	.2198490	.8069271	.3967761	.1087803

#1	.1982846	.2050979	.1907126	1.064391	.4087577	.1959042
#2	.1976423	.2065081	.1902716	1.061391	.4112248	.1957122
#3	.1966304	.2055305	.1911097	1.048334	.4118346	.1961377

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3093200	3.003970	.2034320	2.064492	.4937728	.0769335
Stddev	.0003673	.023525	.0012585	.033759	.0004752	.0002275
%RSD	.1187276	.7831393	.6186197	1.635207	.0962299	.2957293

#1	.3092546	2.983316	.2048818	2.062861	.4941017	.0767032
#2	.3089899	2.999018	.2026213	2.031578	.4932280	.0769392
#3	.3097156	3.029578	.2027929	2.099036	.4939886	.0771581

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.016884	.3006035	.2119918	10.04594	.3050723	.4068395
Stddev	.031157	.0030950	.0005760	.09051	.0005287	.0011881
%RSD	1.032756	1.029583	.2717215	.9009674	.1732941	.2920308

#1	3.022002	.3035911	.2125239	10.06572	.3051113	.4057621
#2	2.983485	.3008081	.2120713	9.94717	.3055803	.4066427
#3	3.045165	.2974114	.2113801	10.12492	.3045252	.4081137

Sample Name: PB169417BS Acquired: 8/27/2025 14:17:34 Type: Unk
Method: 6010-200.7 NEW(v131) 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	.6691058	.1916662	.9222237	5.650778	F .0063196	.2009196
Stddev	.0025287	.0012216	.0138116	.046800	.0027213	.0011864
%RSD	.3779198	.6373864	1.497636	.8282119	43.06163	.5904954
#1	.6677510	.1912550	.9379462	5.598359	.0043843	.2006120
#2	.6675432	.1907033	.9120469	5.665610	.0051434	.1999173
#3	.6720232	.1930404	.9166780	5.688365	.0094312	.2022295

Elem	Sr4077
Units	ppm
Avg	.1962091
Stddev	.0011794
%RSD	.6011033
#1	.1973166
#2	.1949689
#3	.1963418

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6151.582	105104.4	10078.34	4609.791	7382.910
Stddev	8.045	363.1	46.10	13.466	9.553
%RSD	.1307734	.3454596	.4574497	.2921168	.1293968
#1	6159.888	105479.4	10130.02	4609.972	7385.272
#2	6151.029	105079.2	10041.44	4623.165	7391.061
#3	6143.828	104754.5	10063.55	4596.235	7372.398

Sample Name: Q2954-01 Acquired: 8/27/2025 14:21:36 Type: Unk
Method: 6010-200.7 NEW(v131) 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	.1765031	-.054377	.1916811	.0112311	-.025091	112.9980
Stddev	.0009497	.001106	.0013353	.0006393	.001734	.1503
%RSD	.5380398	2.033524	.6966341	5.692484	6.908964	.1330012

#1	.1769848	-.055598	.1901402	.0107612	-.024883	112.8246
#2	.1754091	-.054088	.1924046	.0109731	-.023470	113.0901
#3	.1771153	-.053444	.1924986	.0119592	-.026919	113.0793

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.155056	.0278956	.0111169	12.56527	.3421461	.0536251
Stddev	.002723	.0001993	.0000184	.03537	.0005827	.0003213
%RSD	.2357319	.7145704	.1658953	.2814814	.1703152	.5991017

#1	1.152708	.0276655	.0111011	12.52979	.3415650	.0533266
#2	1.158041	.0280128	.0111372	12.60053	.3427304	.0539651
#3	1.154421	.0280086	.0111125	12.56548	.3421430	.0535835

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0839947	434.9037	.3687700	12.69292	.1283054	.0139218
Stddev	.0016144	.7907	.0013790	.05330	.0001440	.0002024
%RSD	1.922079	.1818087	.3739313	.4199097	.1122271	1.453494

#1	.0821392	435.7505	.3674948	12.64965	.1284716	.0141471
#2	.0847663	434.1846	.3702334	12.75246	.1282168	.0137553
#3	.0850785	434.7760	.3685816	12.67665	.1282279	.0138632

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.430840	.4638828	.4890943	27.46465	.3596761	.0025210
Stddev	.015216	.0034950	.0010033	.12959	.0019770	.0000891
%RSD	1.063400	.7534205	.2051267	.4718463	.5496566	3.535661

#1	1.423333	.4621750	.4889035	27.43727	.3578742	.0024291
#2	1.420837	.4615700	.4882002	27.35094	.3617909	.0026070
#3	1.448350	.4679033	.4901793	27.60574	.3593633	.0025269

Sample Name: Q2954-01 Acquired: 8/27/2025 14:21:36 Type: Unk
Method: 6010-200.7 NEW(v131) 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	.0606904	.7344076	F 35.93562	F 27.46765	7.299941	.1004064
Stddev	.0003227	.0101583	.39964	.05986	.007960	.0005014
%RSD	.5317111	1.383198	1.112105	.2179166	.1090461	.4994160
#1	.0607280	.7264821	36.38287	27.49679	7.292397	.1002296
#2	.0609926	.7458591	35.61357	27.50734	7.308261	.1000173
#3	.0603505	.7308817	35.81041	27.39880	7.299165	.1009723

Elem	Sr4077
Units	ppm
Avg	-.293488
Stddev	.001181
%RSD	.4024470
#1	-.294704
#2	-.292345
#3	-.293415

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6869.100	117162.7	12539.55	5132.150	6833.217
Stddev	16.004	269.7	64.39	13.520	10.558
%RSD	.2329820	.2301605	.5135114	.2634308	.1545080
#1	6860.359	117392.6	12609.96	5146.215	6826.371
#2	6887.571	117229.5	12483.66	5119.251	6845.376
#3	6859.370	116865.9	12525.03	5130.986	6827.903

Sample Name: Q2954-06 Acquired: 8/27/2025 14:25:36 Type: Unk
Method: 6010-200.7 NEW(v131) 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	.0943887	-.032069	.1157639	.0049474	-.020262	88.94636
Stddev	.0016705	.001654	.0020515	.0029025	.002849	.07226
%RSD	1.769850	5.157376	1.772162	58.66792	14.06342	.0812419

#1	.0955222	-.030331	.1173923	.0046101	-.018170	88.99287
#2	.0924703	-.032253	.1164395	.0022283	-.023507	88.98310
#3	.0951737	-.033623	.1134597	.0080039	-.019108	88.86311

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6312769	.0188165	.0054834	11.36432	.2879921	.0342578
Stddev	.0053716	.0001259	.0002007	.01946	.0008735	.0002435
%RSD	.8509084	.6689679	3.660660	.1712579	.3033187	.7107033

#1	.6371058	.0187547	.0052533	11.37904	.2880989	.0340203
#2	.6265262	.0189613	.0055743	11.37166	.2888074	.0342464
#3	.6301988	.0187334	.0056225	11.34225	.2870701	.0345068

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0485401	297.8841	.1907644	12.19085	.0866761	.0076296
Stddev	.0011706	1.2048	.0003436	.06214	.0004939	.0003195
%RSD	2.411503	.4044441	.1801052	.5097432	.5697990	4.187065

#1	.0473602	299.2247	.1904763	12.16205	.0871820	.0079958
#2	.0485591	296.8919	.1906723	12.14834	.0861952	.0074847
#3	.0497011	297.5357	.1911447	12.26217	.0866511	.0074083

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.363127	.3803133	.2519580	26.60022	.2652902	.0017949
Stddev	.009060	.0007881	.0009585	.06441	.0041751	.0001440
%RSD	.6646272	.2072270	.3804002	.2421314	1.573782	8.020474

#1	1.370893	.3801579	.2524464	26.67411	.2698061	.0019456
#2	1.353174	.3796144	.2508537	26.57062	.2615707	.0016588
#3	1.365313	.3811675	.2525738	26.55594	.2644937	.0017804

Sample Name: Q2954-06 Acquired: 8/27/2025 14:25:36 Type: Unk
Method: 6010-200.7 NEW(v131) 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	.0164144	.5332119	F 13.61411	F 16.37395	F 42.79328	.0696072
Stddev	.0001740	.0067534	.18069	.01169	.08169	.0002044
%RSD	1.059902	1.266551	1.327258	.0713996	.1908834	.2936621

#1	.0162279	.5404046	13.72441	16.36685	42.79220	.0693876
#2	.0164430	.5270065	13.71234	16.38745	42.87550	.0697920
#3	.0165723	.5322248	13.40558	16.36756	42.71214	.0696419

Elem	Sr4077
Units	ppm
Avg	-.185208
Stddev	.000567
%RSD	.3063019

#1	-.185859
#2	-.184943
#3	-.184822

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6508.449	112364.6	11646.29	4930.490	6979.449
Stddev	7.411	368.0	26.09	20.053	6.874
%RSD	.1138620	.3275002	.2239918	.4067216	.0984874

#1	6506.056	112547.0	11647.84	4921.436	6971.597
#2	6516.761	111941.1	11619.46	4916.561	6982.365
#3	6502.531	112605.9	11671.56	4953.474	6984.383

Sample Name: Q2960-01 Acquired: 8/27/2025 14:29:37 Type: Unk
Method: 6010-200.7 NEW(v131) 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	.0681590	-.021458	1.002982	.0088971	-.012191	173.1980
Stddev	.0036762	.002281	.000430	.0054038	.001450	3.8021
%RSD	5.393599	10.62819	.0428957	60.73672	11.89790	2.195222

#1	.0687489	-.023721	1.003256	.0080154	-.010713	171.1209
#2	.0642235	-.021494	1.002486	.0039884	-.012247	170.8869
#3	.0715047	-.019160	1.003203	.0146876	-.013613	177.5862

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.182952	.0114700	.0151161	48.22722	.3375224	.1609690
Stddev	.032932	.0002212	.0000885	1.05968	.0004258	.0003553
%RSD	2.783893	1.928559	.5856179	2.197271	.1261493	.2207026

#1	1.163778	.0112564	.0152061	47.63885	.3371922	.1613033
#2	1.164100	.0114555	.0151129	47.59227	.3373722	.1610077
#3	1.220978	.0116981	.0150292	49.45054	.3380030	.1605959

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4939881	332.2694	5.526031	57.32113	.2981222	.0117835
Stddev	.0015630	2.5748	.146358	1.19051	.0003294	.0008470
%RSD	.3164038	.7749180	2.648523	2.076915	.1105043	7.188010

#1	.4932258	332.2256	5.439779	56.63390	.2980626	.0117374
#2	.4957859	329.7168	5.443294	56.63368	.2984774	.0109605
#3	.4929524	334.8658	5.695018	58.69581	.2978266	.0126526

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.449636	.6050596	1.943212	13.18091	.2325973	.0068431
Stddev	.075917	.0134932	.002669	.09304	.0115665	.0002259
%RSD	.8033858	2.230059	.1373573	.7058523	4.972754	3.300924

#1	9.440130	.6003634	1.946181	13.19161	.2430543	.0068133
#2	9.378919	.5945419	1.942443	13.08298	.2345641	.0070824
#3	9.529858	.6202733	1.941011	13.26813	.2201735	.0066336

Sample Name: Q2960-01 Acquired: 8/27/2025 14:29:37 Type: Unk
Method: 6010-200.7 NEW(v131) 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	.0357231	7.311261	F 14.94979	6.602912	4.555090	.2258425
Stddev	.0009466	.203837	.31612	.015406	.015033	.0051957
%RSD	2.649838	2.787986	2.114520	.2333184	.3300294	2.300576
#1	.0366779	7.199622	14.92457	6.585389	4.544721	.2233562
#2	.0357063	7.187631	14.64705	6.609015	4.548219	.2223571
#3	.0347850	7.546530	15.27777	6.614330	4.572331	.2318141

Elem	Sr4077
Units	ppm
Avg	-.058137
Stddev	.004990
%RSD	8.582339
#1	-.062214
#2	-.059625
#3	-.052573

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6763.966	115408.6	12317.82	5112.288	6447.799
Stddev	10.154	335.4	213.84	23.820	3.945
%RSD	.1501127	.2906518	1.736008	.4659287	.0611902
#1	6771.446	115022.9	12463.99	5085.261	6448.080
#2	6768.046	115571.3	12417.09	5130.219	6451.596
#3	6752.407	115631.7	12072.39	5121.384	6443.720

Sample Name: Q2960-01DUP Acquired: 8/27/2025 14:33:38 Type: Unk
Method: 6010-200.7 NEW(v131) 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	.0722374	-.021392	.6778819	.0017312	-.014215	172.7046
Stddev	.0014519	.000378	.0029856	.0000461	.001784	.4756
%RSD	2.009919	1.765042	.4404348	2.661521	12.55013	.2753652

#1	.0712319	-.020958	.6746378	.0017401	-.012404	172.1829
#2	.0715784	-.021568	.6805144	.0016814	-.015971	172.8170
#3	.0739020	-.021648	.6784933	.0017722	-.014270	173.1139

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9443487	.0131989	.0180183	61.28086	.5632280	.1770738
Stddev	.0061712	.0001330	.0001725	.26551	.0028600	.0006599
%RSD	.6534923	1.007267	.9575792	.4332598	.5077809	.3726528

#1	.9379513	.0132408	.0181577	60.97494	.5608820	.1764532
#2	.9448290	.0130500	.0178253	61.41640	.5623881	.1770012
#3	.9502658	.0133058	.0180719	61.45124	.5664139	.1777669

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4905416	348.4090	5.853275	58.22364	.3086132	.0037878
Stddev	.0011391	2.6549	.038638	.12075	.0012357	.0003891
%RSD	.2322148	.7620147	.6601105	.2073948	.4004059	10.27333

#1	.4918090	345.3938	5.811423	58.08749	.3071870	.0033646
#2	.4896031	349.4372	5.860812	58.26568	.3092888	.0041301
#3	.4902128	350.3961	5.887589	58.31776	.3093638	.0038687

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.379667	.7001371	1.449771	10.35717	.1451072	.0057865
Stddev	.044389	.0041312	.004152	.06503	.0069674	.0002577
%RSD	.4732474	.5900578	.2863910	.6278497	4.801541	4.452616

#1	9.328799	.6968104	1.446290	10.28221	.1383794	.0055003
#2	9.399647	.6988396	1.448656	10.39845	.1522917	.0060000
#3	9.410555	.7047613	1.454366	10.39086	.1446505	.0058591

Sample Name: Q2960-01DUP Acquired: 8/27/2025 14:33:38 Type: Unk
Method: 6010-200.7 NEW(v131) 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	.0325263	9.053927	F 12.34842	7.333317	4.509505	.1881409
Stddev	.0007680	.033602	.15609	.032872	.017829	.0021631
%RSD	2.361049	.3711317	1.264038	.4482604	.3953621	1.149722
#1	.0331664	9.027819	12.50830	7.301483	4.496795	.1873130
#2	.0316748	9.042124	12.19642	7.331328	4.501834	.1865141
#3	.0327378	9.091838	12.34055	7.367138	4.529885	.1905957

Elem	Sr4077
Units	ppm
Avg	-.066399
Stddev	.001270
%RSD	1.912583
#1	-.064955
#2	-.066899
#3	-.067343

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6917.287	118092.3	11969.95	5168.021	6435.303
Stddev	14.810	454.7	35.15	8.741	16.078
%RSD	.2140942	.3850726	.2936367	.1691274	.2498336
#1	6932.194	118567.9	11991.38	5178.080	6453.822
#2	6917.089	118047.4	11989.08	5162.278	6424.913
#3	6902.577	117661.7	11929.38	5163.706	6427.173

Sample Name: Q2960-01LX5 Acquired: 8/27/2025 14:37:39 Type: Unk
Method: 6010-200.7 NEW(v131) 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	.0148415	-.003818	.2055100	.0017239	-.001911	39.46449	.2736944
Stddev	.0014398	.002085	.0006051	.0013203	.000650	.15316	.0002965
%RSD	9.700833	54.60893	.2944315	76.58876	34.01667	.3880831	.1083484

#1	.0165016	-.002144	.2056271	.0023138	-.001194	39.31800	.2736860
#2	.0139350	-.006153	.2060481	.0002115	-.002080	39.45194	.2734022
#3	.0140879	-.003155	.2048550	.0026464	-.002461	39.62354	.2739951

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0027582	.0017008	11.39105	.0770993	.0315573	.1189878	76.33545
Stddev	.0000273	.0000396	.03107	.0003194	.0000197	.0008242	.63938
%RSD	.9882385	2.330144	.2727186	.4143071	.0623966	.6926737	.8375871

#1	.0027599	.0016566	11.37867	.0774680	.0315479	.1180402	77.06125
#2	.0027302	.0017129	11.36809	.0769243	.0315799	.1195379	76.08960
#3	.0027846	.0017330	11.42640	.0769056	.0315440	.1193853	75.85549

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.322352	13.51205	.0595579	.0033550	2.240915	.1384260	.4472484
Stddev	.001041	.03621	.0004680	.0002574	.006197	.0019981	.0009942
%RSD	.0787172	.2679735	.7857405	7.671402	.2765612	1.443425	.2222841

#1	1.321391	13.53470	.0598722	.0035516	2.246450	.1396363	.4482324
#2	1.323458	13.47029	.0597815	.0034498	2.242077	.1395220	.4462444
#3	1.322209	13.53116	.0590201	.0030637	2.234220	.1361198	.4472685

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.895595	.0511978	.0011646	.0056492	1.695702	2.853747	1.260565
Stddev	.039785	.0022027	.0002026	.0005218	.004168	.127123	.009706
%RSD	1.373976	4.302284	17.39955	9.236195	.2458114	4.454584	.7700107

#1	2.870852	.0537163	.0013797	.0062374	1.691500	2.707926	1.249650
#2	2.874445	.0496310	.0011366	.0054678	1.695770	2.912085	1.268228
#3	2.941488	.0502461	.0009773	.0052423	1.699836	2.941229	1.263816

Sample Name: Q2960-01LX5 Acquired: 8/27/2025 14:37:39 Type: Unk
Method: 6010-200.7 NEW(v131) 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	.8646408	.0479518	-.012506
Stddev	.0086408	.0008375	.000679
%RSD	.9993494	1.746495	5.426453
#1	.8547261	.0474441	-.013256
#2	.8686305	.0489184	-.012327
#3	.8705659	.0474929	-.011934

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6347.266	107707.1	11078.31	4755.524	7206.918
Stddev	8.099	619.7	45.00	21.058	6.023
%RSD	.1275934	.5753369	.4061940	.4428164	.0835773
#1	6354.576	107043.9	11130.06	4731.411	7213.132
#2	6348.664	107806.0	11056.53	4764.864	7206.516
#3	6338.560	108271.4	11048.35	4770.297	7201.105

Sample Name: Q2960-01MS Acquired: 8/27/2025 14:41:44 Type: Unk
Method: 6010-200.7 NEW(v131) 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	.7195117	1.723325	1.924594	1.563094	.2946145	213.8323
Stddev	.0011850	.025285	.004656	.007305	.0030292	.1443
%RSD	.1647011	1.467247	.2419433	.4673360	1.028201	.0674844

#1	.7197906	1.752520	1.920734	1.567521	.2923830	213.9157
#2	.7182121	1.708391	1.929766	1.554662	.2933976	213.6656
#3	.7205325	1.709065	1.923284	1.567098	.2980630	213.9155

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.210868	.1692367	.2106478	86.24376	.6846499	.3923148
Stddev	.005606	.0009052	.0002209	.08710	.0020451	.0004258
%RSD	.4629952	.5348547	.1048773	.1009883	.2987038	.1085375

#1	1.208037	.1698218	.2104257	86.28868	.6855706	.3925387
#2	1.207242	.1681941	.2106503	86.14337	.6860728	.3925820
#3	1.217325	.1696941	.2108675	86.29922	.6823063	.3918238

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7729429	362.7701	7.273723	61.42457	.8165945	.0749072
Stddev	.0015886	1.6216	.017261	.11203	.0007296	.0009717
%RSD	.2055229	.4469981	.2373049	.1823798	.0893450	1.297263

#1	.7720785	362.2454	7.272078	61.42592	.8163678	.0751184
#2	.7719739	364.5891	7.257344	61.31187	.8174106	.0757560
#3	.7747762	361.4759	7.291748	61.53591	.8160052	.0738473

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.52475	.9464428	2.138376	22.52142	.4116553	.3348691
Stddev	.10819	.0037470	.003637	.16358	.0058048	.0002561
%RSD	.7999760	.3959008	.1700783	.7263351	1.410105	.0764684

#1	13.49497	.9501518	2.135575	22.50120	.4103339	.3350208
#2	13.64472	.9426590	2.142486	22.69416	.4180068	.3350129
#3	13.43457	.9465176	2.137066	22.36888	.4066251	.3345734

Sample Name: Q2960-01MS Acquired: 8/27/2025 14:41:44 Type: Unk
Method: 6010-200.7 NEW(v131) 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	.6983674	8.151266	F 18.36469	F 12.79561	4.438630	.3837093
Stddev	.0013107	.030700	.20548	.05180	.022023	.0011360
%RSD	.1876729	.3766248	1.118907	.4048557	.4961576	.2960535
#1	.6975453	8.167648	18.26960	12.84860	4.458183	.3830204
#2	.6976779	8.115850	18.60049	12.74508	4.414773	.3850205
#3	.6998789	8.170300	18.22397	12.79314	4.442935	.3830871

Elem	Sr4077
Units	ppm
Avg	.0658158
Stddev	.0024862
%RSD	3.777531
#1	.0657493
#2	.0633635
#3	.0683346

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6882.045	117364.6	12527.07	5138.043	6309.736
Stddev	3.807	553.3	31.44	19.586	8.580
%RSD	.0553203	.4713962	.2509403	.3811962	.1359753
#1	6877.736	117539.6	12526.33	5147.191	6300.880
#2	6883.444	116745.0	12558.87	5115.557	6310.317
#3	6884.954	117809.1	12496.01	5151.382	6318.010

Sample Name: Q2960-01MSD Acquired: 8/27/2025 14:45:39 Type: Unk
Method: 6010-200.7 NEW(v131) 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	.6991455	1.763058	2.028663	1.526641	.2843950	214.1482
Stddev	.0022911	.031428	.001288	.006022	.0024584	.2673
%RSD	.3276929	1.782605	.0634968	.3944354	.8644474	.1247976

#1	.7010409	1.771027	2.028183	1.519743	.2849337	214.1469
#2	.6965995	1.789734	2.030123	1.530847	.2865393	214.4160
#3	.6997961	1.728412	2.027684	1.529332	.2817118	213.8816

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.243579	.1605436	.2081955	64.03571	.7208873	.3897389
Stddev	.000566	.0003933	.0002087	.15023	.0030825	.0002452
%RSD	.0454780	.2450136	.1002510	.2345998	.4275957	.0629132

#1	1.242993	.1609945	.2083267	64.01934	.7179317	.3898850
#2	1.244121	.1602711	.2083050	64.19346	.7206474	.3894558
#3	1.243622	.1603651	.2079548	63.89434	.7240827	.3898759

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8443729	379.9399	6.580509	61.57825	.8410783	.0794570
Stddev	.0005128	2.2685	.015090	.31705	.0025917	.0010618
%RSD	.0607333	.5970652	.2293201	.5148794	.3081373	1.336358

#1	.8449651	377.3405	6.563412	61.38083	.8403559	.0783358
#2	.8440720	380.9594	6.586144	61.94397	.8389245	.0804473
#3	.8440818	381.5197	6.591971	61.40996	.8439545	.0795879

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.50255	.9552272	2.175866	24.53556	.5184200	.3323929
Stddev	.07935	.0032748	.007908	.07523	.0118504	.0006295
%RSD	.5471282	.3428324	.3634507	.3066319	2.285864	.1893897

#1	14.41964	.9561159	2.168322	24.45128	.5049027	.3319441
#2	14.51024	.9515997	2.184094	24.59594	.5233364	.3331125
#3	14.57777	.9579659	2.175182	24.55946	.5270209	.3321220

Sample Name: Q2960-01MSD Acquired: 8/27/2025 14:45:39 Type: Unk
Method: 6010-200.7 NEW(v131) 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	.7080675	8.752793	F 18.25753	F 13.11441	4.514660	.3956202
Stddev	.0007502	.023427	.15359	.01880	.006199	.0021017
%RSD	.1059561	.2676544	.8412232	.1433583	.1373131	.5312482
#1	.7084735	8.746698	18.26724	13.11479	4.519691	.3940234
#2	.7072018	8.778665	18.40603	13.13302	4.516555	.3980013
#3	.7085273	8.733015	18.09932	13.09543	4.507735	.3948360

Elem	Sr4077
Units	ppm
Avg	.0422665
Stddev	.0014460
%RSD	3.421052
#1	.0439348
#2	.0414906
#3	.0413741

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	7071.218	120940.7	13226.08	5316.107	6356.173
Stddev	2.372	217.4	17.18	33.209	2.696
%RSD	.0335429	.1797781	.1299065	.6246957	.0424217
#1	7069.590	121191.6	13208.44	5353.252	6356.395
#2	7070.124	120822.0	13227.05	5289.286	6358.751
#3	7073.940	120808.5	13242.76	5305.782	6353.372

Sample Name: Q2960-01A Acquired: 8/27/2025 14:49:35 Type: Unk
Method: 6010-200.7 NEW(v131) 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	.7078692	1.702928	1.792894	1.581582	.6244159	170.8023
Stddev	.0030503	.026976	.003005	.000746	.0016192	.4630
%RSD	.4309078	1.584082	.1675818	.0471521	.2593175	.2710974

#1	.7043605	1.729635	1.793311	1.582400	.6251269	170.6462
#2	.7093568	1.703459	1.789703	1.581407	.6225628	170.4375
#3	.7098902	1.675691	1.795669	1.580940	.6255580	171.3232

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.256842	.1673365	.1983122	51.28429	.7105549	.3502367
Stddev	.006076	.0002094	.0003851	.20369	.0023813	.0007866
%RSD	.4834344	.1251408	.1941789	.3971779	.3351279	.2246028

#1	1.253008	.1675083	.1986156	51.13032	.7078718	.3507970
#2	1.253669	.1671033	.1978790	51.20730	.7113759	.3493374
#3	1.263847	.1673979	.1984420	51.51526	.7124171	.3505758

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7157544	335.4288	5.653522	58.03122	.7639665	.0737063
Stddev	.0027446	1.8560	.035022	.32791	.0012503	.0008086
%RSD	.3834529	.5533181	.6194801	.5650628	.1636602	1.097069

#1	.7168602	333.3107	5.630391	58.00807	.7638111	.0727731
#2	.7126294	336.2054	5.636359	57.71549	.7628012	.0741479
#3	.7177736	336.7704	5.693815	58.37009	.7652873	.0741981

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.70529	.8531346	1.970696	20.84558	.4354478	.3331035
Stddev	.01827	.0029829	.002038	.03407	.0039727	.0001081
%RSD	.1560860	.3496381	.1033902	.1634305	.9123262	.0324601

#1	11.68536	.8502288	1.968577	20.81456	.4335387	.3332089
#2	11.70927	.8529860	1.970868	20.88204	.4327901	.3331088
#3	11.72125	.8561890	1.972641	20.84014	.4400147	.3329928

Sample Name: Q2960-01A Acquired: 8/27/2025 14:49:35 Type: Unk
Method: 6010-200.7 NEW(v131) 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	.6675163	7.701056	F 11.56751	F 12.07447	4.425879	.3754548
Stddev	.0025951	.012692	.22562	.05943	.015817	.0001613
%RSD	.3887635	.1648029	1.950497	.4922222	.3573692	.0429624
#1	.6698756	7.692011	11.55695	12.13846	4.442796	.3753588
#2	.6647368	7.695592	11.79822	12.02099	4.411460	.3753646
#3	.6679367	7.715564	11.34735	12.06396	4.423381	.3756411

Elem	Sr4077
Units	ppm
Avg	.0953303
Stddev	.0016861
%RSD	1.768665
#1	.0959249
#2	.0934275
#3	.0966386

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6850.571	114879.0	12197.78	5049.788	6502.263
Stddev	8.675	215.2	45.03	17.233	9.699
%RSD	.1266360	.1873353	.3691772	.3412596	.1491654
#1	6855.393	115098.9	12211.34	5066.481	6507.787
#2	6855.764	114869.3	12234.47	5050.823	6507.938
#3	6840.556	114668.8	12147.52	5032.061	6491.064

Sample Name: CCV04 Acquired: 8/27/2025 14:53:30 Type: Unk
Method: 6010-200.7 NEW(v131) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCV04 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.117009	4.982805	4.993847	5.161648	5.054528	10.07428	9.800054
Stddev	.006386	.092152	.006720	.013480	.008346	.06827	.076722
%RSD	.1248091	1.849398	.1345625	.2611506	.1651280	.6776454	.7828733

#1	5.115920	5.086523	4.992674	5.168985	5.047027	9.99753	9.821508
#2	5.111237	4.910359	4.987791	5.146091	5.053036	10.12822	9.863766
#3	5.123870	4.951531	5.001076	5.169868	5.063519	10.09710	9.714889

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2403274	2.516124	24.83590	1.041337	2.473069	1.251504	5.337847
Stddev	.0008597	.002503	.08980	.000648	.001644	.001596	.042948
%RSD	.3577360	.0994911	.3615781	.0622082	.0664728	.1275642	.8046016

#1	.2394833	2.518997	24.73376	1.041407	2.473686	1.250586	5.299559
#2	.2412020	2.514412	24.90246	1.040657	2.471205	1.250579	5.329695
#3	.2402969	2.514962	24.87147	1.041947	2.474315	1.253348	5.384287

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.472987	24.96043	2.497650	1.257368	25.77809	2.513755	2.540030
Stddev	.007977	.08101	.001995	.000571	.10568	.014012	.003718
%RSD	.3225636	.3245339	.0798705	.0454385	.4099587	.5573946	.1463812

#1	2.463781	24.87427	2.497648	1.257393	25.79360	2.497970	2.544309
#2	2.477840	25.03504	2.495655	1.256784	25.66551	2.524722	2.537584
#3	2.477341	24.97197	2.499645	1.257926	25.87516	2.518571	2.538197

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.93040	4.752234	5.090613	4.922524	4.947440	5.320100	5.032029
Stddev	.17193	.017572	.004429	.007532	.021777	.017702	.007809
%RSD	.6630426	.3697644	.0869973	.1530155	.4401685	.3327418	.1551850

#1	25.82104	4.737824	5.089776	4.927391	4.922297	5.301803	5.034235
#2	25.84159	4.771810	5.086662	4.913848	4.960381	5.321355	5.023355
#3	26.12857	4.747068	5.095400	4.926333	4.959640	5.337141	5.038498

Sample Name: CCV04 Acquired: 8/27/2025 14:53:30 Type: Unk
Method: 6010-200.7 NEW(v131) 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	4.872354	4.938419	4.951717
Stddev	.017472	.020557	.046288
%RSD	.3585846	.4162601	.9347953
#1	4.892198	4.914684	4.947801
#2	4.859284	4.950517	4.999840
#3	4.865580	4.950057	4.907512

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5990.709	103682.0	10539.51	4531.686	6834.752
Stddev	7.117	151.7	51.76	12.819	13.741
%RSD	.1188078	.1463101	.4911236	.2828785	.2010479
#1	5983.995	103799.2	10593.01	4521.046	6820.294
#2	5998.171	103736.1	10489.68	4545.918	6847.642
#3	5989.963	103510.7	10535.84	4528.095	6836.320

Sample Name: CCB04 Acquired: 8/27/2025 14:57:42 Type: Unk
Method: 6010-200.7 NEW(v131) 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	.0007100	.0014430	-.000037	.0003978	-.001108	.0089660	-.002103
Stddev	.0020141	.0004490	.001052	.0022351	.001588	.0013871	.001247
%RSD	283.6802	31.11931	2845.106	561.9197	143.3580	15.47124	59.26933

#1	.0023616	.0015909	-.001111	-.002104	-.000052	.0105530	-.003457
#2	.0013022	.0017993	.000009	.001101	-.002934	.0079847	-.001851
#3	-.001534	.0009386	.000991	.002197	-.000337	.0083603	-.001002

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000660	.0000262	.0089598	.0000516	.0000197	-.000245	.0087030
Stddev	.0000674	.0000384	.0035594	.0003382	.0000688	.000268	.0055413
%RSD	102.1203	146.6504	39.72700	655.0313	349.9362	109.5885	63.67147

#1	.0001063	-.000005	.0062480	.0003322	.0000979	-.000016	.0040580
#2	.0001034	.000015	.0076408	.0001465	-.000008	-.000178	.0072145
#3	-.000012	.000069	.0129904	-.000324	-.000031	-.000540	.0148366

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000472	-.002636	.0000903	.0005617	.0678053	-.000437	-.001117
Stddev	.000070	.013928	.0001469	.0001115	.0311519	.000548	.000183
%RSD	14.89204	528.3274	162.6299	19.85551	45.94315	125.4507	16.40996

#1	-.000552	.009526	-.000064	.0004331	.0328563	.000196	-.001101
#2	-.000445	.000396	.000107	.0006321	.0779065	-.000754	-.001308
#3	-.000419	-.017831	.000228	.0006199	.0926530	-.000753	-.000942

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0635936	.0043037	.0003194	.0067628	.0000075	-.004041	.0004571
Stddev	.0387838	.0005213	.0003074	.0006853	.0005482	.011980	.0013038
%RSD	60.98698	12.11304	96.25428	10.13300	7279.663	296.4459	285.2205

#1	.0512933	.0047574	.0004989	.0072289	.0006405	-.014799	-.000218
#2	.0324515	.0037342	.0004948	.0059760	-.000307	-.006195	-.000370
#3	.1070360	.0044193	-.000036	.0070836	-.000310	.008870	.001960

Sample Name: CCB04 Acquired: 8/27/2025 14:57:42 Type: Unk
Method: 6010-200.7 NEW(v131) 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	.0072487	-.002369	.0000921
Stddev	.0013035	.000960	.0000558
%RSD	17.98213	40.51134	60.56406
#1	.0069984	-.003076	.0001431
#2	.0060885	-.001277	.0001005
#3	.0086591	-.002756	.0000326

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6257.684	109413.8	9731.993	4745.798	7727.304
Stddev	39.977	110.5	14.651	7.377	61.554
%RSD	.6388521	.1010318	.1505430	.1554419	.7965817
#1	6231.786	109519.5	9746.644	4738.079	7690.472
#2	6237.539	109422.8	9717.343	4746.536	7693.075
#3	6303.726	109299.0	9731.990	4752.778	7798.365

Sample Name: PB169418BL Acquired: 8/27/2025 15:34:49 Type: Unk
Method: 6010-200.7 NEW(v131) 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	.0004542	-.000270	.0006514	.0002746	-.000937	.0005707	-.001869
Stddev	.0006371	.001106	.0005762	.0001778	.000529	.0064959	.000168
%RSD	140.2598	410.1613	88.45552	64.75823	56.44568	1138.266	8.970158

#1	.0002934	-.001381	.0008700	.0001823	-.001196	-.005836	-.001767
#2	.0011563	-.000258	.0010864	.0001619	-.001287	.000396	-.002063
#3	-.000087	.000830	-.000002	.0004795	-.000329	.007152	-.001778

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000723	-.000016	.0290004	.0001216	.0000636	-.000190	.0049748
Stddev	.0000250	.000055	.0123218	.0000956	.0000953	.000088	.0028998
%RSD	34.63918	352.0057	42.48825	78.59286	149.8882	46.35944	58.28970

#1	.0000502	-.000076	.0227973	.0000213	.0001592	-.000264	.0070548
#2	.0000995	.000032	.0210129	.0002116	-.000031	-.000093	.0062073
#3	.0000672	-.000003	.0431910	.0001320	.000063	-.000214	.0016623

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000791	.0237373	.0002828	.0009334	.0607056	-.000860	-.001229
Stddev	.000240	.0174372	.0001272	.0001962	.0219168	.001893	.000181
%RSD	30.35332	73.45894	44.96844	21.02013	36.10349	220.0078	14.69557

#1	-.000516	.0273831	.0003092	.0011504	.0378978	.000994	-.001423
#2	-.000899	.0390633	.0003947	.0007685	.0626121	-.000786	-.001065
#3	-.000959	.0047655	.0001445	.0008813	.0816069	-.002789	-.001199

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.047032	-.002344	-.000114	-.000332	-.000061	-.005712	-.001465
Stddev	.019137	.000534	.000043	.000145	.000404	.007571	.000978
%RSD	40.68892	22.78746	37.78877	43.71933	667.2073	132.5435	66.74344

#1	-.064078	-.002224	-.000159	-.000485	.000364	-.013933	-.000663
#2	-.050687	-.001879	-.000073	-.000315	-.000106	-.004176	-.001177
#3	-.026332	-.002927	-.000109	-.000196	-.000440	.000973	-.002554

Sample Name: PB169418BL Acquired: 8/27/2025 15:34:49 Type: Unk
Method: 6010-200.7 NEW(v131) 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	.0036470	-.001397	.0000388
Stddev	.0021779	.002476	.0000117
%RSD	59.71756	177.1585	30.12485
#1	.0038716	-.003131	.0000491
#2	.0057039	-.002500	.0000413
#3	.0013655	.001438	.0000261

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6293.535	110973.6	10720.51	4820.572	7760.125
Stddev	11.992	618.2	60.91	12.202	22.632
%RSD	.1905413	.5570374	.5681736	.2531315	.2916479
#1	6304.641	111645.1	10665.79	4833.647	7780.201
#2	6295.144	110428.3	10786.14	4818.581	7764.575
#3	6280.820	110847.5	10709.61	4809.488	7735.598

Sample Name: PB169418BS Acquired: 8/27/2025 15:40:12 Type: Unk
Method: 6010-200.7 NEW(v131) 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	.7926228	1.916970	.9521495	2.021345	.8249642	2.026291
Stddev	.0018005	.030652	.0018039	.003360	.0026302	.012049
%RSD	.2271522	1.598964	.1894593	.1662069	.3188239	.5946515

#1	.7914997	1.885175	.9511514	2.017667	.8277542	2.014302
#2	.7946994	1.919402	.9510652	2.024254	.8246081	2.026171
#3	.7916691	1.946334	.9542319	2.022113	.8225301	2.038400

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1927969	.2061106	.1902190	1.072486	.4094404	.1957644
Stddev	.0023712	.0003925	.0002429	.013805	.0010489	.0002191
%RSD	1.229885	.1904396	.1277087	1.287176	.2561838	.1119125

#1	.1913593	.2058494	.1899488	1.086159	.4088763	.1956823
#2	.1914977	.2065620	.1904194	1.058553	.4087942	.1955983
#3	.1955338	.2059204	.1902887	1.072745	.4106507	.1960127

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3114416	2.986828	.2040121	2.028761	.4944336	.0763198
Stddev	.0006734	.005252	.0017108	.012353	.0008313	.0002988
%RSD	.2162081	.1758264	.8385865	.6088738	.1681363	.3914559

#1	.3110871	2.987956	.2032909	2.034184	.4935484	.0760194
#2	.3122181	2.981104	.2027799	2.037474	.4951978	.0766169
#3	.3110195	2.991424	.2059654	2.014624	.4945545	.0763232

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.812801	.3024595	.2129757	9.627593	.3013582	.4178094
Stddev	.035882	.0030811	.0002935	.064045	.0003581	.0009657
%RSD	1.275668	1.018673	.1377898	.6652227	.1188313	.2311234

#1	2.790748	.3017711	.2132762	9.576716	.3009544	.4170168
#2	2.793451	.2997809	.2129613	9.606552	.3016375	.4188849
#3	2.854205	.3058266	.2126898	9.699512	.3014826	.4175266

Sample Name: PB169418BS Acquired: 8/27/2025 15:40:12 Type: Unk
Method: 6010-200.7 NEW(v131) 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	.6770786	.1962102	.8916374	5.666652	F .0021460	.1988332
Stddev	.0022353	.0009064	.0150453	.038265	.0026123	.0019834
%RSD	.3301368	.4619568	1.687381	.6752587	121.7285	.9975371
#1	.6744986	.1952350	.8757136	5.623111	.0049299	.1978930
#2	.6784330	.1963688	.8935838	5.681920	-.000252	.1974947
#3	.6783043	.1970269	.9056147	5.694926	.001760	.2011119

Elem	Sr4077
Units	ppm
Avg	.1970209
Stddev	.0008263
%RSD	.4194175
#1	.1964009
#2	.1967027
#3	.1979590

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6203.660	108558.1	10367.19	4703.033	7489.987
Stddev	8.617	303.0	16.69	19.355	2.674
%RSD	.1389014	.2791138	.1610048	.4115398	.0356949
#1	6199.084	108751.9	10377.08	4700.271	7487.317
#2	6198.297	108713.4	10376.58	4723.621	7489.980
#3	6213.600	108208.9	10347.92	4685.208	7492.664

Sample Name: Q2964-02 Acquired: 8/27/2025 15:44:14 Type: Unk
Method: 6010-200.7 NEW(v131) 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	.0026004	-.000103	.0094686	.0022366	.0078849	5.930866
Stddev	.0021891	.003017	.0045350	.0033417	.0021929	.073833
%RSD	84.18034	2915.998	47.89480	149.4071	27.81160	1.244889

#1	.0016561	.002961	.0072226	.0033183	.0087843	5.949173
#2	.0010421	-.003070	.0146883	-.001512	.0094852	5.993822
#3	.0051032	-.000202	.0064950	.004903	.0053853	5.849602

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4151142	.0002665	.0006226	717.8096	.1318699	.0060173
Stddev	.0033208	.0000313	.0001049	3.9449	.0008038	.0001436
%RSD	.7999681	11.74542	16.84284	.5495688	.6095330	2.386550

#1	.4113066	.0002337	.0005739	713.2930	.1312091	.0061620
#2	.4174112	.0002698	.0007430	719.5564	.1327648	.0060152
#3	.4166247	.0002961	.0005510	720.5795	.1316360	.0058748

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3163611	5.625106	.7527975	53.77665	.0147284	.0010726
Stddev	.0012699	.067711	.0026310	.22570	.0001732	.0004009
%RSD	.4013980	1.203737	.3494934	.4197033	1.175843	37.37871

#1	.3178126	5.547232	.7497864	54.01818	.0149227	.0006097
#2	.3158156	5.670096	.7539543	53.74066	.0145905	.0013120
#3	.3154551	5.657989	.7546519	53.57110	.0146719	.0012960

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 5977.542	.0253258	.2392362	114.3541	.2503918	.0180594
Stddev	51.145	.0011784	.0018525	8.7893	.0022467	.0003467
%RSD	.8556246	4.652867	.7743275	7.686079	.8972732	1.919983

#1	6036.375	.0253484	.2381056	104.9414	.2529496	.0180576
#2	5952.577	.0241363	.2382289	115.7734	.2487377	.0184070
#3	5943.673	.0264927	.2413740	122.3474	.2494880	.0177136

Sample Name: Q2964-02 Acquired: 8/27/2025 15:44:14 Type: Unk
Method: 6010-200.7 NEW(v131) 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	-.011520	.1823186	F 119.6909	.9814502	F 2503.989	-.076317
Stddev	.001564	.0046051	1.3037	.0130319	28.788	.002070
%RSD	13.57829	2.525824	1.089233	1.327823	1.149704	2.712408
#1	-.010060	.1820183	118.2758	.9856966	2537.231	-.077913
#2	-.011328	.1778711	120.8432	.9668248	2487.251	-.077060
#3	-.013171	.1870665	119.9536	.9918294	2487.485	-.073978

Elem	Sr4077
Units	ppm
Avg	3.970005
Stddev	.103650
%RSD	2.610825
#1	3.856642
#2	3.993447
#3	4.059926

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3299.077	61346.20	9244.988	2507.874	3160.324
Stddev	7.143	202.64	90.664	7.534	8.928
%RSD	.2165268	.3303262	.9806823	.3004313	.2825099
#1	3304.091	61443.56	9144.169	2507.323	3160.413
#2	3302.242	61113.25	9270.973	2515.669	3169.207
#3	3290.898	61481.78	9319.823	2500.630	3151.352

Sample Name: Q2964-02DUP Acquired: 8/27/2025 15:48:49 Type: Unk
Method: 6010-200.7 NEW(v131) 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	.0007164	.0020481	.0115279	.0070250	.0062068	5.882144
Stddev	.0035019	.0041639	.0009645	.0037930	.0008883	.036628
%RSD	488.8567	203.3076	8.366466	53.99272	14.31134	.6226942

#1	.0036283	-.002698	.0104411	.0073998	.0052390	5.915876
#2	.0016901	.003756	.0122820	.0106166	.0069848	5.843183
#3	-.003169	.005087	.0118605	.0030585	.0063966	5.887373

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4134071	.0002141	.0005119	722.2656	.1291925	.0058242
Stddev	.0037986	.0000257	.0001764	9.4667	.0005984	.0003557
%RSD	.9188532	12.02025	34.45580	1.310689	.4631758	6.106677

#1	.4131317	.0002421	.0004199	724.7016	.1285922	.0056304
#2	.4097537	.0002088	.0007152	711.8191	.1297890	.0062347
#3	.4173359	.0001914	.0004005	730.2763	.1291961	.0056076

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3180060	5.333786	.7546679	54.00088	.0135132	.0010854
Stddev	.0011295	.054210	.0063460	.34951	.0005654	.0002135
%RSD	.3551683	1.016354	.8409036	.6472283	4.183889	19.67341

#1	.3192044	5.271204	.7551256	54.10376	.0132577	.0013311
#2	.3169613	5.366257	.7481054	53.61148	.0131206	.0009814
#3	.3178524	5.363897	.7607727	54.28741	.0141612	.0009438

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 5741.604	.0251813	.2406969	161.2964	.2480698	.0160343
Stddev	47.379	.0014174	.0006898	6.4909	.0025208	.0002826
%RSD	.8251929	5.628717	.2865903	4.024230	1.016149	1.762222

#1	5716.189	.0252831	.2400971	154.0708	.2503200	.0159751
#2	5796.268	.0265451	.2414507	163.1843	.2453457	.0163417
#3	5712.354	.0237158	.2405429	166.6341	.2485436	.0157860

Sample Name: Q2964-02DUP Acquired: 8/27/2025 15:48:49 Type: Unk
Method: 6010-200.7 NEW(v131) 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	-.011810	.1784647	F 121.8802	.9534453	F 2523.375	-.077287
Stddev	.000631	.0108199	1.2050	.0046036	6.463	.002150
%RSD	5.343225	6.062768	.9886818	.4828357	.2561370	2.781457
#1	-.012529	.1796872	120.5170	.9515776	2529.879	-.079631
#2	-.011552	.1886214	122.8030	.9586892	2516.954	-.075408
#3	-.011348	.1670855	122.3208	.9500690	2523.292	-.076822

Elem	Sr4077
Units	ppm
Avg	4.028001
Stddev	.018566
%RSD	.4609175
#1	4.010578
#2	4.025895
#3	4.047530

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3228.207	60360.35	9211.456	2456.422	3098.819
Stddev	7.133	241.44	101.805	15.108	4.741
%RSD	.2209703	.3999909	1.105202	.6150453	.1529871
#1	3236.425	60593.47	9149.239	2473.014	3104.019
#2	3224.576	60376.20	9328.942	2452.793	3097.699
#3	3223.620	60111.38	9156.186	2443.458	3094.738

Sample Name: Q2964-02LX5 Acquired: 8/27/2025 15:53:25 Type: Unk
Method: 6010-200.7 NEW(v131) 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	.0000961	.0029177	.0015968	.0005616	.0018715	1.253914
Stddev	.0022195	.0018979	.0013603	.0034320	.0017674	.010715
%RSD	2310.040	65.04571	85.18938	611.0828	94.43878	.8545594

#1	-.002158	.0030729	.0010108	-.003243	-.000148	1.260717
#2	.002279	.0009470	.0006277	.003424	.002627	1.259462
#3	.000167	.0047332	.0031519	.001505	.003135	1.241562

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0834877	.0000956	.0000570	167.6686	.0319602	.0012579
Stddev	.0007012	.0000414	.0000756	.3356	.0003098	.0002251
%RSD	.8398631	43.23605	132.7544	.2001557	.9691951	17.89641

#1	.0830689	.0000610	-.000006	168.0384	.0322879	.0010355
#2	.0830971	.0000845	.000036	167.5841	.0319206	.0014856
#3	.0842972	.0001414	.000141	167.3833	.0316722	.0012527

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0759061	1.140989	.1721566	13.18901	.0033066	.0003680
Stddev	.0012239	.032668	.0007682	.03373	.0001507	.0001390
%RSD	1.612401	2.863148	.4462215	.2557139	4.558058	37.77010

#1	.0772829	1.177109	.1728356	13.20388	.0032153	.0002167
#2	.0754937	1.132349	.1723114	13.15041	.0034806	.0004901
#3	.0749416	1.113509	.1713228	13.21275	.0032239	.0003972

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2247.794	.0053577	.0424028	34.21523	.0597344	.0039568
Stddev	23.009	.0009800	.0003291	.63684	.0007590	.0000821
%RSD	1.023636	18.29212	.7761053	1.861276	1.270682	2.075279

#1	2271.381	.0061306	.0427417	33.50477	.0601482	.0039669
#2	2246.591	.0042554	.0420845	34.73476	.0588584	.0040333
#3	2225.410	.0056872	.0423821	34.40617	.0601967	.0038700

Sample Name: Q2964-02LX5 Acquired: 8/27/2025 15:53:25 Type: Unk
Method: 6010-200.7 NEW(v131) 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	-.003791	.0389459	F 22.47902	.1632258	F 1656.626	.0013303
Stddev	.000658	.0025099	.40438	.0017975	33.825	.0023637
%RSD	17.34520	6.444510	1.798943	1.101222	2.041823	177.6830
#1	-.003942	.0417778	22.66429	.1639803	1695.287	-.001377
#2	-.003071	.0369962	22.75757	.1645232	1632.486	.002383
#3	-.004360	.0380638	22.01519	.1611741	1642.104	.002985

Elem	Sr4077
Units	ppm
Avg	.8416965
Stddev	.0051708
%RSD	.6143343
#1	.8402060
#2	.8474488
#3	.8374346

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4822.826	81537.78	10461.60	3613.081	4944.320
Stddev	16.235	155.17	154.63	7.474	11.107
%RSD	.3366382	.1903029	1.478051	.2068647	.2246466
#1	4806.354	81366.59	10464.72	3607.801	4937.811
#2	4823.310	81577.59	10614.64	3609.809	4938.005
#3	4838.814	81669.17	10305.43	3621.633	4957.145

Sample Name: Q2964-02MS Acquired: 8/27/2025 15:57:55 Type: Unk
Method: 6010-200.7 NEW(v131) 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	1.022026	1.634996	.8607678	3.333155	.9522902	8.128481
Stddev	.007544	.029971	.0054728	.016474	.0136173	.046175
%RSD	.7381900	1.833117	.6358050	.4942604	1.429953	.5680606

#1	1.029629	1.601653	.8584430	3.351868	.9668388	8.127045
#2	1.021908	1.659696	.8568412	3.326763	.9501816	8.083041
#3	1.014541	1.643640	.8670192	3.320835	.9398502	8.175357

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6160776	.1708758	.1902784	764.3553	.4634008	.2003935
Stddev	.0024976	.0038317	.0007399	7.7929	.0043766	.0006984
%RSD	.4054103	2.242363	.3888248	1.019534	.9444592	.3485032

#1	.6149179	.1676173	.1896782	761.5685	.4684532	.1995905
#2	.6143707	.1699132	.1900521	758.3390	.4609718	.2007309
#3	.6189443	.1750970	.1911050	773.1584	.4607773	.2008591

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5669651	8.907088	.9529833	57.79919	.4914219	.1058579
Stddev	.0018943	.127810	.0127411	1.04449	.0023073	.0008776
%RSD	.3341130	1.434919	1.336972	1.807108	.4695170	.8290452

#1	.5652479	9.012967	.9453792	56.93551	.4891095	.1049909
#2	.5666503	8.943185	.9458781	57.50198	.4914322	.1058370
#3	.5689971	8.765112	.9676927	58.96008	.4937241	.1067458

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 5285.654	.3068566	.5076962	196.0246	.4672531	.4069255
Stddev	53.169	.0021682	.0033112	1.4681	.0090734	.0009110
%RSD	1.005905	.7065954	.6521995	.7489620	1.941856	.2238611

#1	5236.470	.3051569	.5049525	194.3644	.4594100	.4079583
#2	5278.424	.3092985	.5113741	197.1518	.4651588	.4062363
#3	5342.068	.3061144	.5067620	196.5577	.4771905	.4065819

Sample Name: Q2964-02MS Acquired: 8/27/2025 15:57:55 Type: Unk
Method: 6010-200.7 NEW(v131) 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	.6165553	.3667601	F 121.7489	9.803690	F 2597.448	.2452167
Stddev	.0049641	.0098170	2.0436	.009465	21.877	.0038946
%RSD	.8051318	2.676672	1.678507	.0965405	.8422428	1.588206
#1	.6108675	.3703456	123.7492	9.793492	2572.762	.2490184
#2	.6200144	.3742803	121.8327	9.805388	2605.145	.2453960
#3	.6187841	.3556544	119.6647	9.812191	2614.435	.2412355

Elem	Sr4077
Units	ppm
Avg	4.417611
Stddev	.065930
%RSD	1.492440
#1	4.395745
#2	4.365392
#3	4.491696

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3255.647	61071.56	8866.458	2482.431	3106.831
Stddev	16.079	275.89	187.846	12.808	10.387
%RSD	.4938829	.4517461	2.118615	.5159429	.3343304
#1	3237.142	60753.00	9019.647	2494.840	3094.844
#2	3263.590	61229.34	8922.853	2469.258	3112.475
#3	3266.209	61232.35	8656.875	2483.196	3113.174

Sample Name: Q2964-02MSD Acquired: 8/27/2025 16:02:20 Type: Unk
Method: 6010-200.7 NEW(v131) 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	1.052274	1.684634	.8699482	3.441129	1.001139	8.090661
Stddev	.005025	.027452	.0108100	.008452	.007618	.046502
%RSD	.4775497	1.629578	1.242602	.2456192	.7609797	.5747614

#1	1.052870	1.713888	.8801212	3.435005	.995870	8.059894
#2	1.046977	1.659434	.8585976	3.450772	.997674	8.067933
#3	1.056974	1.680581	.8711257	3.437609	1.009875	8.144156

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6213478	.1646695	.1922686	734.2638	.4700717	.2027125
Stddev	.0019453	.0034682	.0018562	8.4291	.0027956	.0015625
%RSD	.3130792	2.106170	.9654249	1.147965	.5947174	.7707793

#1	.6210602	.1686661	.1940238	742.5858	.4696469	.2039634
#2	.6195623	.1624502	.1903256	725.7315	.4730554	.2009611
#3	.6234209	.1628922	.1924564	734.4741	.4675128	.2032131

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5670551	9.318889	.9327039	56.30196	.4967901	.1088304
Stddev	.0038029	.168164	.0075811	.71912	.0045571	.0010062
%RSD	.6706455	1.804553	.8128070	1.277248	.9173002	.9245882

#1	.5704441	9.126361	.9411248	57.12214	.5010128	.1088635
#2	.5629422	9.393268	.9264223	56.00417	.4919597	.1078081
#3	.5677788	9.437039	.9305648	55.77958	.4973979	.1098197

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 5470.697	.3065324	.5195566	203.4230	.4486354	.4182439
Stddev	30.470	.0048633	.0051004	9.6293	.0089139	.0017280
%RSD	.5569725	1.586546	.9816741	4.733610	1.986890	.4131617

#1	5501.782	.3115733	.5172602	192.4920	.4588373	.4200166
#2	5469.427	.3061552	.5160083	207.1261	.4423517	.4165643
#3	5440.881	.3018687	.5254015	210.6510	.4447173	.4181509

Sample Name: Q2964-02MSD Acquired: 8/27/2025 16:02:20 Type: Unk
Method: 6010-200.7 NEW(v131) 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	.6278533	.3756169	F 127.3151	9.962555	F 2552.316	.2554348
Stddev	.0069617	.0160467	2.6495	.037702	47.100	.0078050
%RSD	1.108812	4.272103	2.081068	.3784369	1.845388	3.055586
#1	.6348796	.3572805	124.2642	9.964701	2604.640	.2464236
#2	.6209580	.3870940	128.6437	9.923825	2513.306	.2600744
#3	.6277223	.3824762	129.0375	9.999138	2539.003	.2598062

Elem	Sr4077
Units	ppm
Avg	4.246732
Stddev	.050696
%RSD	1.193777
#1	4.213918
#2	4.221155
#3	4.305121

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3189.006	59570.00	9177.145	2389.095	3054.010
Stddev	1.405	208.53	205.190	10.837	5.164
%RSD	.0440727	.3500602	2.235882	.4535956	.1690746
#1	3188.545	59772.17	8941.822	2400.148	3051.009
#2	3190.584	59355.64	9270.930	2388.648	3059.972
#3	3187.889	59582.18	9318.684	2378.488	3051.049

Sample Name: Q2964-02A Acquired: 8/27/2025 16:06:43 Type: Unk
Method: 6010-200.7 NEW(v131) 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	1.027369	1.768054	.8492994	3.372993	.9574774	7.950271
Stddev	.005305	.035993	.0012542	.022643	.0098620	.021981
%RSD	.5163907	2.035749	.1476751	.6712910	1.030001	.2764860

#1	1.033328	1.747580	.8499940	3.396710	.9680456	7.963962
#2	1.023157	1.746968	.8500527	3.351605	.9485198	7.961934
#3	1.025624	1.809614	.8478516	3.370664	.9558668	7.924916

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6183745	.1536475	.1875018	701.5774	.4573013	.1975813
Stddev	.0018315	.0018489	.0005279	6.9964	.0025051	.0003648
%RSD	.2961842	1.203357	.2815667	.9972366	.5477896	.1846252

#1	.6165504	.1554781	.1881105	708.1377	.4545682	.1979410
#2	.6202134	.1536838	.1872257	702.3803	.4594882	.1972116
#3	.6183598	.1517808	.1871691	694.2142	.4578475	.1975912

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5493335	9.878986	.9215250	54.35486	.4860059	.1065937
Stddev	.0020730	.049455	.0041662	.35221	.0015609	.0005643
%RSD	.3773751	.5006057	.4520949	.6479856	.3211698	.5293706

#1	.5513563	9.823142	.9230774	54.72813	.4877128	.1069030
#2	.5472136	9.896573	.9246920	54.30808	.4846511	.1069356
#3	.5494307	9.917244	.9168055	54.02839	.4856539	.1059424

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 5649.918	.3057553	.5131475	208.9213	.4208314	.4032687
Stddev	32.368	.0026995	.0028036	6.9615	.0037377	.0021583
%RSD	.5728849	.8828902	.5463574	3.332112	.8881621	.5351957

#1	5652.648	.3088681	.5125032	201.3553	.4249444	.4057585
#2	5680.833	.3043404	.5107221	210.3530	.4199076	.4019305
#3	5616.271	.3040574	.5162172	215.0556	.4176423	.4021170

Sample Name: Q2964-02A Acquired: 8/27/2025 16:06:43 Type: Unk
Method: 6010-200.7 NEW(v131) 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	.6156926	.3676960	F 129.9266	9.579476	F 2518.174	.2603064
Stddev	.0032149	.0060755	1.4047	.021625	15.993	.0051673
%RSD	.5221643	1.652313	1.081123	.2257442	.6351145	1.985082
#1	.6183348	.3675358	128.3450	9.600917	2511.888	.2552119
#2	.6121132	.3738500	130.4059	9.557671	2506.279	.2601639
#3	.6166298	.3617022	131.0288	9.579840	2536.356	.2655435

Elem	Sr4077
Units	ppm
Avg	4.243159
Stddev	.097947
%RSD	2.308362
#1	4.184350
#2	4.356228
#3	4.188898

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3246.905	59917.28	9733.254	2372.686	3129.116
Stddev	21.340	52.71	111.277	10.699	21.472
%RSD	.6572531	.0879738	1.143261	.4509065	.6861879
#1	3222.385	59976.69	9614.816	2360.990	3105.520
#2	3257.043	59899.02	9749.326	2381.978	3134.321
#3	3261.286	59876.12	9835.621	2375.091	3147.506

Sample Name: CCV05 Acquired: 8/27/2025 16:24:06 Type: Unk
Method: 6010-200.7 NEW(v131) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCV05 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.099963	5.482302	4.960807	5.161587	4.997908	9.904775
Stddev	.008355	.217151	.001455	.015980	.005783	.057027
%RSD	.1638275	3.960954	.0293330	.3096000	.1156985	.5757509

#1	5.090379	5.240488	4.960214	5.146085	4.997503	9.840394
#2	5.103802	5.545773	4.962465	5.160670	4.992338	9.924988
#3	5.105709	5.660647	4.959743	5.178006	5.003882	9.948942

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.372219	.2461018	2.503383	24.20016	1.035061	2.457292
Stddev	.091004	.0014671	.001958	.15304	.002961	.001354
%RSD	.9709961	.5961352	.0782228	.6324100	.2860673	.0550891

#1	9.374497	.2444190	2.502252	24.03361	1.033772	2.458648
#2	9.280098	.2471125	2.502252	24.23225	1.032963	2.455940
#3	9.462063	.2467737	2.505644	24.33461	1.038448	2.457288

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.241770	5.077729	2.408243	24.48379	2.479602	1.249043
Stddev	.001581	.026228	.019631	.15746	.000789	.000918
%RSD	.1273304	.5165274	.8151530	.6431302	.0318388	.0734939

#1	1.241968	5.082659	2.387093	24.30201	2.480459	1.248908
#2	1.240100	5.049386	2.411755	24.57134	2.479443	1.248200
#3	1.243243	5.101142	2.425880	24.57802	2.478904	1.250021

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.01087	2.468818	2.543251	27.26254	4.865326	5.091627
Stddev	.15988	.017220	.003386	.17681	.036213	.006004
%RSD	.6146614	.6974817	.1331326	.6485472	.7443171	.1179203

#1	26.18243	2.449047	2.546407	27.17459	4.823517	5.090876
#2	25.86603	2.476871	2.543671	27.14696	4.885546	5.086035
#3	25.98416	2.480535	2.539675	27.46608	4.886913	5.097972

Sample Name: CCV05 Acquired: 8/27/2025 16:24:06 Type: Unk
Method: 6010-200.7 NEW(v131) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCV05 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.910241	4.854187	5.093371	4.974567	F 6.738671	4.807435
Stddev	.010958	.029506	.027201	.021468	.051505	.027591
%RSD	.2231637	.6078539	.5340437	.4315469	.7643184	.5739183
#1	4.898812	4.822353	5.096701	4.950441	6.679847	4.778162
#2	4.920658	4.859589	5.064659	4.991560	6.760500	4.811181
#3	4.911253	4.880619	5.118754	4.981701	6.775667	4.832961

Elem	Sr4077
Units	ppm
Avg	4.877691
Stddev	.043608
%RSD	.8940300
#1	4.833634
#2	4.878602
#3	4.920836

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6011.702	103718.8	10262.24	4510.637	6858.526
Stddev	14.238	108.9	60.76	10.291	13.771
%RSD	.2368301	.1050082	.5920467	.2281444	.2007829
#1	5995.504	103775.2	10331.85	4499.090	6845.201
#2	6017.368	103787.9	10219.90	4518.839	6857.674
#3	6022.234	103593.2	10234.96	4513.982	6872.703

Sample Name: CCB05 Acquired: 8/27/2025 16:39:13 Type: Unk
Method: 6010-200.7 NEW(v131) 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	-.002194	-.001410	.0002115	.0016781	-.000860	.0047795	.0026216
Stddev	.000971	.000771	.0007896	.0007569	.001030	.0016496	.0008363
%RSD	44.26942	54.69400	373.3760	45.10446	119.7083	34.51467	31.90143

#1	-.003159	-.001824	-.000138	.0013876	-.001905	.0031584	.0018334
#2	-.001217	-.001886	-.000343	.0025372	.000155	.0064563	.0034989
#3	-.002205	-.000520	.001116	.0011094	-.000831	.0047239	.0025323

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000001	-.000007	-.012236	-.000058	-.000059	-.000101	-.002270
Stddev	.000040	.000026	.004821	.000134	.000115	.000179	.006111
%RSD	6811.961	376.2083	39.40021	230.2370	194.1308	177.5428	269.1629

#1	.000032	-.000000	-.008965	.000096	-.000185	-.000050	.003632
#2	.000012	.000015	-.017772	-.000147	-.000034	.000047	-.008570
#3	-.000045	-.000035	-.009970	-.000124	.000041	-.000301	-.001872

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017910	.0158049	.0000086	.0004980	.2989411	.0007242	-.001099
Stddev	.0003087	.0240521	.0001793	.0003050	.0188134	.0005752	.000040
%RSD	17.23420	152.1818	2079.500	61.24252	6.293339	79.42715	3.614363

#1	.0020786	.0028079	.0002065	.0001726	.3067121	.0000666	-.001054
#2	.0014649	.0010475	-.000038	.0007773	.3126241	.0009718	-.001128
#3	.0018295	.0435593	-.000143	.0005439	.2774871	.0011342	-.001116

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.079559	-.000088	.0001308	-.001929	-.000176	-.012418	.0008044
Stddev	.035751	.000187	.0002663	.000355	.000880	.007263	.0006638
%RSD	44.93614	212.8003	203.6026	18.40824	500.7960	58.48435	82.51997

#1	-.046241	-.000298	.0003997	-.001524	-.000813	-.014870	.0013992
#2	-.117326	-.000024	.0001253	-.002188	.000829	-.004247	.0000883
#3	-.075110	.000059	-.000133	-.002075	-.000543	-.018137	.0009257

Sample Name: CCB05 Acquired: 8/27/2025 16:39:13 Type: Unk
Method: 6010-200.7 NEW(v131) 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	.4850769	-.009136	-.000025
Stddev	.0078501	.000240	.000091
%RSD	1.618319	2.624849	357.1487

#1	.4940044	-.009412	-.000106
#2	.4819726	-.008974	.000072
#3	.4792536	-.009023	-.000042

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6461.828	113295.8	10722.71	4851.768	8089.437
Stddev	9.007	190.7	35.02	18.222	1.549
%RSD	.1393853	.1683065	.3265605	.3755654	.0191497

#1	6472.086	113508.6	10746.58	4869.271	8090.999
#2	6455.213	113238.3	10682.51	4853.128	8087.901
#3	6458.185	113140.5	10739.05	4832.904	8089.411

Sample Name: Q2964-02DLX5 Acquired: 8/27/2025 16:43:32 Type: Unk
Method: 6010-200.7 NEW(v131) 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	.0004194	.0039007	.0013973	-.001660	.0009717	1.127585
Stddev	.0002639	.0004545	.0018499	.002153	.0010997	.017364
%RSD	62.91842	11.65176	132.3838	129.7055	113.1732	1.539918

#1	.0006182	.0042277	.0033557	-.000419	.0020744	1.145883
#2	.0005201	.0033817	-.000321	-.004147	-.000125	1.125534
#3	.0001200	.0040927	.001157	-.000415	.000966	1.111337

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0765491	.0001130	.0000242	161.2310	.0311821	.0016072
Stddev	.0005910	.0000272	.0000265	.1672	.0004082	.0001262
%RSD	.7720389	24.08941	109.6473	.1037189	1.309079	7.848964

#1	.0770881	.0001160	-.000006	161.3980	.0308305	.0015286
#2	.0766423	.0000844	.000041	161.2315	.0310861	.0015403
#3	.0759171	.0001386	.000038	161.0636	.0316298	.0017527

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0734980	1.000843	.1639024	12.82093	.0030357	.0005724
Stddev	.0000436	.012918	.0008261	.09201	.0005667	.0006791
%RSD	.0593673	1.290761	.5040113	.7176217	18.66867	118.6527

#1	.0734481	.990316	.1633042	12.86717	.0031045	.0011151
#2	.0735173	.996953	.1648449	12.88064	.0024378	-.000189
#3	.0735286	1.015259	.1635580	12.71498	.0035649	.000791

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2091.383	.0038890	.0405020	20.25943	.0617387	.0042138
Stddev	6.728	.0029165	.0006974	1.12527	.0005087	.0001025
%RSD	.3216871	74.99488	1.721837	5.554285	.8240399	2.431555

#1	2099.072	.0069758	.0408007	19.18728	.0622400	.0042206
#2	2088.494	.0035115	.0410003	20.15983	.0617532	.0043126
#3	2086.582	.0011795	.0397050	21.43119	.0612229	.0041080

Sample Name: Q2964-02DLX5 Acquired: 8/27/2025 16:43:32 Type: Unk
Method: 6010-200.7 NEW(v131) 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	-.003379	.0324042	F 20.03323	.1572137	F 1688.141	-.003280
Stddev	.000221	.0011629	.28877	.0016226	9.115	.002417
%RSD	6.552356	3.588672	1.441474	1.032090	.5399634	73.69897
#1	-.003615	.0312764	19.88490	.1553518	1685.886	-.006062
#2	-.003347	.0323369	19.84877	.1583259	1680.364	-.002084
#3	-.003175	.0335992	20.36603	.1579633	1698.172	-.001694

Elem	Sr4077
Units	ppm
Avg	.7944722
Stddev	.0034427
%RSD	.4333363
#1	.7934553
#2	.7916525
#3	.7983088

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4962.670	83633.13	10059.32	3695.159	5077.277
Stddev	9.203	327.96	143.56	4.059	7.940
%RSD	.1854449	.3921472	1.427094	.1098420	.1563746
#1	4952.960	83646.92	9965.93	3695.611	5070.862
#2	4963.785	83953.98	9987.41	3690.893	5074.813
#3	4971.265	83298.49	10224.62	3698.973	5086.156

Sample Name: Q2964-02DUPDLX5 Acquired: 8/27/2025 16:48:03 Type: Unk
Method: 6010-200.7 NEW(v131) 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	-.003134	.0027211	.0014022	-.000006	-.001767	1.078344
Stddev	.001282	.0012705	.0005206	.003266	.003302	.005938
%RSD	40.91962	46.69149	37.12586	52993.64	186.8645	.5506619

#1	-.003282	.0012735	.0013388	-.002651	-.002046	1.073460
#2	-.004336	.0036510	.0019516	-.001013	.001666	1.084954
#3	-.001784	.0032389	.0009163	.003645	-.004921	1.076619

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0747000	.0001292	.0001313	161.8766	.0307317	.0015215
Stddev	.0012854	.0000963	.0000451	.3102	.0002816	.0001153
%RSD	1.720745	74.54659	34.36679	.1916088	.9164731	7.577807

#1	.0732546	.0000221	.0001833	161.6322	.0305982	.0015955
#2	.0751304	.0001567	.0001027	161.7722	.0310553	.0015804
#3	.0757150	.0002087	.0001079	162.2256	.0305416	.0013887

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0743671	.8952265	.1647155	12.92645	.0031854	.0008477
Stddev	.0004684	.0024992	.0013275	.02244	.0003620	.0006409
%RSD	.6298839	.2791662	.8059309	.1735766	11.36291	75.60331

#1	.0747140	.8968626	.1640150	12.91516	.0030057	.0011831
#2	.0745531	.8923498	.1638849	12.91191	.0036021	.0012512
#3	.0738343	.8964671	.1662465	12.95229	.0029485	.0001087

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1865.617	.0048245	.0402766	20.90105	.0667010	.0034833
Stddev	27.643	.0014662	.0001793	.49936	.0007596	.0002771
%RSD	1.481697	30.39151	.4451507	2.389141	1.138778	7.955336

#1	1897.503	.0055944	.0402334	20.36470	.0658497	.0035313
#2	1848.414	.0031337	.0404735	20.98590	.0669437	.0031854
#3	1850.933	.0057453	.0401228	21.35254	.0673095	.0037333

Sample Name: Q2964-02DUPDLX5 Acquired: 8/27/2025 16:48:03 Type: Unk
Method: 6010-200.7 NEW(v131) 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	-.004133	.0310187	F 18.66012	.1542624	F 1672.839	.0022369
Stddev	.000449	.0016571	.07667	.0044544	41.893	.0026392
%RSD	10.85792	5.342361	.4108832	2.887517	2.504326	117.9841
#1	-.003920	.0292712	18.74062	.1592727	1711.666	-.000660
#2	-.003829	.0325676	18.65179	.1507505	1678.413	.002866
#3	-.004648	.0312172	18.58796	.1527639	1628.438	.004505

Elem	Sr4077
Units	ppm
Avg	.7855909
Stddev	.0026297
%RSD	.3347439
#1	.7845495
#2	.7836414
#3	.7885819

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4964.723	83001.95	9285.696	3690.438	5097.723
Stddev	18.186	339.53	38.551	15.053	23.720
%RSD	.3663112	.4090665	.4151672	.4078995	.4653098
#1	4949.993	82628.05	9327.265	3681.637	5076.492
#2	4985.050	83086.78	9278.703	3681.857	5123.325
#3	4959.128	83291.03	9251.120	3707.819	5093.350

Sample Name: Q2964-02LDLX25 Acquired: 8/27/2025 16:52:33 Type: Unk
Method: 6010-200.7 NEW(v131) 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	-.000490	.0021045	.0008256	.0004032	-.000757	.2121381
Stddev	.001545	.0007221	.0006830	.0013360	.000329	.0036469
%RSD	315.6977	34.31158	82.72620	331.3793	43.44847	1.719109

#1	-.002013	.0028944	.0000430	-.001045	-.000449	.2112273
#2	-.000533	.0014783	.0013016	.000666	-.001104	.2090329
#3	.001077	.0019408	.0011322	.001588	-.000718	.2161540

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0150405	.0001630	.0000145	32.45383	.0060057	.0003901
Stddev	.0004786	.0000665	.0000432	.08737	.0003415	.0000746
%RSD	3.182001	40.80299	297.5345	.2692255	5.686063	19.13418

#1	.0155593	.0001671	.0000426	32.35375	.0062124	.0003604
#2	.0146162	.0002274	-.000035	32.49281	.0056116	.0004750
#3	.0149460	.0000946	.000036	32.51493	.0061933	.0003349

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0153840	.1761324	.0324282	2.655803	.0006596	.0003422
Stddev	.0000723	.0078960	.0007908	.019166	.0003640	.0001499
%RSD	.4701082	4.482996	2.438712	.7216465	55.18151	43.80528

#1	.0154113	.1838893	.0318403	2.643128	.0002415	.0001841
#2	.0154387	.1681043	.0321170	2.646430	.0009058	.0004823
#3	.0153020	.1764036	.0333273	2.677851	.0008315	.0003601

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	416.2718	-.000443	.0063232	6.431096	.0125193	.0007891
Stddev	7.5149	.002978	.0001749	.146217	.0008054	.0001863
%RSD	1.805279	672.0059	2.766523	2.273592	6.433545	23.60517

#1	424.5510	.002664	.0062697	6.334108	.0121268	.0007499
#2	414.3825	-.003274	.0065186	6.359906	.0134458	.0006255
#3	409.8818	-.000720	.0061812	6.599275	.0119854	.0009918

Sample Name: Q2964-02LDLX25 Acquired: 8/27/2025 16:52:33 Type: Unk
Method: 6010-200.7 NEW(v131) 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	-.002138	.0073143	3.375284	.0278405	F 588.7161	.0075981
Stddev	.000516	.0017005	.065375	.0008127	.7941	.0026313
%RSD	24.12576	23.24863	1.936875	2.919154	.1348860	34.63067
#1	-.001581	.0092643	3.332400	.0273877	588.3227	.0094881
#2	-.002599	.0065391	3.342924	.0287787	588.1955	.0087134
#3	-.002234	.0061397	3.450527	.0273550	589.6301	.0045929

Elem	Sr4077
Units	ppm
Avg	.1519228
Stddev	.0006108
%RSD	.4020320
#1	.1514120
#2	.1517570
#3	.1525994

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5769.660	97752.45	10082.49	4368.210	6280.516
Stddev	8.658	486.12	81.53	8.296	11.597
%RSD	.1500599	.4972999	.8086186	.1899202	.1846529
#1	5770.412	97745.96	10129.38	4373.438	6281.436
#2	5760.651	98241.79	9988.35	4358.644	6268.487
#3	5777.918	97269.60	10129.75	4372.548	6291.626

Sample Name: Q2964-02MSDLX5 Acquired: 8/27/2025 16:56:59 Type: Unk
Method: 6010-200.7 NEW(v131) 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	.1749267	.3883935	.1913764	.5150498	.1675196	1.640993
Stddev	.0040226	.0064635	.0018054	.0041173	.0017071	.005744
%RSD	2.299569	1.664172	.9433894	.7993920	1.019075	.3500019

#1	.1794219	.3952903	.1916319	.5190979	.1663860	1.647403
#2	.1716661	.3874153	.1930405	.5108667	.1694830	1.636314
#3	.1736923	.3824748	.1894568	.5151849	.1666898	1.639263

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1199452	.0364435	.0419185	170.9336	.1118515	.0430475
Stddev	.0011670	.0005323	.0002150	.4056	.0006033	.0000735
%RSD	.9729162	1.460622	.5128633	.2372937	.5393291	.1707417

#1	.1207630	.0369956	.0421319	171.3407	.1112770	.0431171
#2	.1204639	.0364015	.0419216	170.9308	.1124799	.0430547
#3	.1186088	.0359335	.0417020	170.5295	.1117977	.0429706

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1334335	1.744166	.2146472	13.81731	.1068169	.0177254
Stddev	.0003859	.026038	.0004601	.10175	.0002268	.0004082
%RSD	.2892095	1.492879	.2143677	.7364193	.2123382	2.302789

#1	.1338620	1.717043	.2145934	13.90205	.1070765	.0172678
#2	.1331134	1.746494	.2142164	13.84542	.1067176	.0180519
#3	.1333250	1.768963	.2151319	13.70446	.1066567	.0178565

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2203.576	.0633180	.0885906	26.04313	.1114714	.0851113
Stddev	11.505	.0016942	.0005231	.93769	.0009550	.0007960
%RSD	.5221077	2.675660	.5904290	3.600530	.8567201	.9352468

#1	2197.013	.0644781	.0886623	25.06394	.1125692	.0859799
#2	2216.860	.0641020	.0880354	26.13252	.1110120	.0844166
#3	2196.854	.0613738	.0890742	26.93292	.1108328	.0849375

Sample Name: Q2964-02MSDLX5 Acquired: 8/27/2025 16:56:59 Type: Unk
Method: 6010-200.7 NEW(v131) 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	.1347417	.0801681	F 22.02842	1.636039	F 1688.031	.0452707
Stddev	.0003612	.0074803	.24061	.013658	31.661	.0022173
%RSD	.2680937	9.330815	1.092251	.8348328	1.875616	4.897891
#1	.1344933	.0878080	21.75842	1.651605	1704.541	.0434884
#2	.1345758	.0798380	22.10672	1.630448	1708.024	.0445700
#3	.1351561	.0728583	22.22013	1.626062	1651.527	.0477537

Elem	Sr4077
Units	ppm
Avg	.8914676
Stddev	.0010700
%RSD	.1200318
#1	.8902966
#2	.8923946
#3	.8917118

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4950.736	83911.26	10333.45	3704.760	5057.957
Stddev	23.385	391.97	104.17	7.421	16.961
%RSD	.4723483	.4671249	1.008064	.2003059	.3353268
#1	4924.769	84358.05	10237.09	3704.282	5038.471
#2	4970.134	83625.22	10319.29	3712.409	5066.007
#3	4957.304	83750.52	10443.97	3697.590	5069.394

Sample Name: Q2964-02MSDDLX5 Acquired: 8/27/2025 17:01:22 Type: Unk
Method: 6010-200.7 NEW(v131) 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	.1758083	.3882981	.1900019	.5015573	.1652076	1.543262
Stddev	.0001898	.0072437	.0008150	.0060469	.0006546	.015203
%RSD	.1079630	1.865491	.4289430	1.205620	.3962266	.9851260

#1	.1755899	.3828723	.1894020	.4947824	.1659632	1.560817
#2	.1759018	.3854982	.1896740	.5034815	.1648135	1.534560
#3	.1759332	.3965239	.1909298	.5064079	.1648460	1.534409

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1128732	.0363782	.0416102	161.4016	.1087428	.0427384
Stddev	.0008276	.0002376	.0001009	.6834	.0001231	.0001551
%RSD	.7332172	.6530781	.2425265	.4234229	.1132075	.3629066

#1	.1138134	.0366408	.0415020	161.5356	.1087590	.0426246
#2	.1125512	.0361782	.0417018	162.0081	.1088569	.0426755
#3	.1122549	.0363157	.0416267	160.6611	.1086123	.0429150

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1306048	1.615501	.2011390	13.11414	.1059603	.0173755
Stddev	.0008178	.023893	.0021312	.02379	.0001792	.0006968
%RSD	.6261446	1.478955	1.059541	.1814013	.1691543	4.009986

#1	.1297519	1.599168	.2006941	13.10936	.1057541	.0170719
#2	.1306805	1.642923	.2034575	13.09310	.1060789	.0168820
#3	.1313822	1.604413	.1992655	13.13995	.1060479	.0181725

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1991.793	.0628747	.0848995	25.15170	.1095203	.0845016
Stddev	50.460	.0025080	.0005135	.70695	.0016539	.0003813
%RSD	2.533385	3.988832	.6048720	2.810734	1.510113	.4512053

#1	2046.648	.0637111	.0844444	24.33557	.1110455	.0840663
#2	1981.378	.0648577	.0847979	25.57448	.1077624	.0846626
#3	1947.354	.0600555	.0854563	25.54506	.1097531	.0847761

Sample Name: Q2964-02MSDDLX5 Acquired: 8/27/2025 17:01:22 Type: Unk
Method: 6010-200.7 NEW(v131) 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	.1335048	.0695779	F 20.26282	1.605399	F 1691.094	.0479745
Stddev	.0009053	.0014536	.19319	.004279	12.419	.0001332
%RSD	.6781098	2.089173	.9534337	.2665348	.7343646	.2777274
#1	.1324618	.0689568	20.06036	1.600531	1704.429	.0478375
#2	.1339659	.0685381	20.44517	1.607099	1679.860	.0479825
#3	.1340867	.0712389	20.28292	1.608566	1688.994	.0481036

Elem	Sr4077
Units	ppm
Avg	.8376407
Stddev	.0087922
%RSD	1.049639
#1	.8356931
#2	.8472434
#3	.8299857

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4935.709	84758.77	10181.24	3767.774	5054.511
Stddev	7.795	188.19	88.65	22.227	7.411
%RSD	.1579386	.2220247	.8707125	.5899268	.1466122
#1	4944.278	84949.35	10081.16	3793.230	5063.037
#2	4933.811	84753.89	10249.89	3757.882	5049.619
#3	4929.037	84573.07	10212.68	3752.211	5050.877

Sample Name: Q2964-02ADLX5 Acquired: 8/27/2025 17:05:46 Type: Unk
Method: 6010-200.7 NEW(v131) 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	.1711511	.3792130	.1870641	.4879468	.1624505	1.476719
Stddev	.0002227	.0046770	.0008341	.0029526	.0022869	.004910
%RSD	.1301335	1.233330	.4459039	.6051004	1.407737	.3324618

#1	.1712359	.3765043	.1873901	.4890635	.1608578	1.471105
#2	.1713190	.3846135	.1876859	.4901781	.1650710	1.478842
#3	.1708985	.3765213	.1861162	.4845987	.1614228	1.480209

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1073803	.0367484	.0409100	154.7409	.1065584	.0415480
Stddev	.0002548	.0000474	.0001295	.3947	.0004392	.0001295
%RSD	.2372749	.1288687	.3164277	.2550647	.4121561	.3117494

#1	.1076468	.0367435	.0407873	154.6617	.1067666	.0414178
#2	.1071391	.0367980	.0408973	155.1692	.1068548	.0415495
#3	.1073551	.0367036	.0410453	154.3918	.1060538	.0416768

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1262871	1.593379	.1954634	12.54704	.1046972	.0168844
Stddev	.0006073	.006043	.0008472	.05153	.0004187	.0006049
%RSD	.4809300	.3792599	.4334199	.4106589	.3998904	3.582785

#1	.1260898	1.587356	.1962791	12.48821	.1042250	.0163410
#2	.1269685	1.599442	.1945879	12.58413	.1048432	.0175362
#3	.1258029	1.593339	.1955233	12.56879	.1050233	.0167760

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1826.906	.0610580	.0831845	24.03752	.1096313	.0815255
Stddev	14.734	.0014061	.0001817	.57338	.0004675	.0001292
%RSD	.8065200	2.302885	.2184630	2.385343	.4264264	.1584633

#1	1813.886	.0620357	.0831801	23.41498	.1090992	.0813765
#2	1823.932	.0616916	.0833683	24.15359	.1099764	.0815935
#3	1842.901	.0594465	.0830049	24.54398	.1098182	.0816066

Sample Name: Q2964-02ADLX5 Acquired: 8/27/2025 17:05:46 Type: Unk
Method: 6010-200.7 NEW(v131) 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	.1318514	.0689624	F 19.12301	1.568789	F 1635.287	.0484872
Stddev	.0005699	.0023951	.07746	.002105	21.892	.0023885
%RSD	.4321950	3.473080	.4050707	.1341694	1.338713	4.926061
#1	.1315327	.0662440	19.08926	1.568076	1634.750	.0464795
#2	.1315122	.0707624	19.21162	1.571158	1613.669	.0478533
#3	.1325093	.0698807	19.06814	1.567133	1657.443	.0511287

Elem	Sr4077
Units	ppm
Avg	.8014057
Stddev	.0020478
%RSD	.2555306
#1	.8008888
#2	.8036625
#3	.7996658

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5032.829	85399.23	10068.18	3765.276	5164.205
Stddev	8.712	253.41	20.57	15.252	2.103
%RSD	.1731041	.2967337	.2043187	.4050727	.0407192
#1	5024.818	85689.46	10091.40	3781.810	5162.950
#2	5031.566	85286.31	10060.92	3751.755	5166.633
#3	5042.104	85221.90	10052.22	3762.264	5163.033

Sample Name: CCV06 Acquired: 8/27/2025 17:10:12 Type: Unk
Method: 6010-200.7 NEW(v131) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCV06 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.950772	5.008230	4.762366	5.022240	5.028745	9.664239
Stddev	.033299	.102215	.039948	.044259	.034881	.018209
%RSD	.6726047	2.040939	.8388310	.8812621	.6936417	.1884212

#1	4.918948	4.899022	4.716381	4.978827	4.996299	9.684840
#2	4.985372	5.101603	4.788506	5.067299	5.065636	9.650293
#3	4.947995	5.024065	4.782210	5.020594	5.024300	9.657583

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.673277	.2258987	2.403651	23.79045	.9729187	2.418625
Stddev	.101538	.0012754	.020368	.06575	.0000711	.019341
%RSD	1.049674	.5645690	.8473684	.2763868	.0073104	.7996752

#1	9.788263	.2272813	2.380238	23.86621	.9729713	2.396845
#2	9.595948	.2256462	2.417283	23.75688	.9728378	2.433796
#3	9.635618	.2247684	2.413433	23.74825	.9729471	2.425233

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.225892	5.137077	2.380271	23.95480	2.420795	1.228164
Stddev	.009088	.017705	.014587	.06937	.020088	.002130
%RSD	.7413404	.3446424	.6128170	.2895808	.8298237	.1734380

#1	1.215874	5.116999	2.394485	24.03201	2.397789	1.230161
#2	1.233606	5.150449	2.380991	23.89773	2.434865	1.225922
#3	1.228195	5.143783	2.365338	23.93465	2.429730	1.228410

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.03917	2.444874	2.510171	F 28.15700	4.530979	5.082005
Stddev	.22525	.006567	.005683	.09888	.023575	.035953
%RSD	.8330679	.2686110	.2263937	.3511620	.5203119	.7074479

#1	27.21616	2.445441	2.516467	28.12802	4.557736	5.042573
#2	27.11575	2.451140	2.508625	28.26713	4.521943	5.112965
#3	26.78561	2.438042	2.505421	28.07585	4.513258	5.090476

Sample Name: CCV06 Acquired: 8/27/2025 17:10:12 Type: Unk
Method: 6010-200.7 NEW(v131) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCV06 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.832849	4.887243	5.241522	4.865665	F 5.666680	4.693088
Stddev	.049662	.017997	.032714	.049367	.047815	.026247
%RSD	1.027590	.3682366	.6241369	1.014596	.8437955	.5592754
#1	4.775849	4.899693	5.218547	4.810141	5.620213	4.710843
#2	4.866792	4.895426	5.227042	4.904602	5.715738	4.705482
#3	4.855905	4.866608	5.278978	4.882253	5.664087	4.662938

Elem	Sr4077
Units	ppm
Avg	4.888943
Stddev	.032794
%RSD	.6707709
#1	4.925446
#2	4.879412
#3	4.861970

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6188.193	108780.2	11451.59	4649.225	7091.607
Stddev	35.689	341.2	40.03	16.793	45.842
%RSD	.5767309	.3136527	.3495603	.3612069	.6464271
#1	6229.183	109035.6	11408.06	4641.913	7144.449
#2	6164.015	108912.1	11459.88	4637.326	7062.483
#3	6171.380	108392.7	11486.82	4668.434	7067.889

Sample Name: CCB06 Acquired: 8/27/2025 17:14:23 Type: Unk
Method: 6010-200.7 NEW(v131) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCB06 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006563	-.001672	-.000917	.0012091	-.000961	.0015727
Stddev	.0015585	.000806	.000920	.0015403	.001240	.0018979
%RSD	237.4483	48.21064	100.2934	127.3874	129.0549	120.6720

#1	.0012936	-.002524	-.000275	.0009804	.000465	.0026637
#2	-.001120	-.000922	-.001971	-.000204	-.001560	-.000619
#3	.001795	-.001571	-.000505	.002851	-.001787	.002673

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002927	-.000005	.0000710	-.015223	-.000068	-.000041
Stddev	.000640	.000029	.0000389	.010484	.000207	.000126
%RSD	21.86595	574.6410	54.79982	68.86995	305.9382	308.4821

#1	-.002993	-.000034	.0001022	-.027323	-.000271	-.000120
#2	-.003531	.000024	.0000834	-.008837	.000142	-.000107
#3	-.002256	-.000005	.0000274	-.009509	-.000074	.000105

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000468	-.002120	.0014983	.0153611	.0000962	.0012281
Stddev	.000232	.003559	.0001957	.0025873	.0001368	.0004560
%RSD	49.68602	167.8334	13.05859	16.84303	142.2640	37.12963

#1	-.000312	-.004200	.0016086	.0139816	.0000436	.0009518
#2	-.000735	-.004150	.0012724	.0137559	.0002515	.0017544
#3	-.000357	.001989	.0016139	.0183458	-.000007	.0009781

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4833963	-.000252	-.001195	.0331203	.0010589	.0005601
Stddev	.0217105	.000740	.000158	.0196156	.0005967	.0002271
%RSD	4.491239	293.3786	13.24331	59.22538	56.35145	40.55666

#1	.5062142	-.000308	-.001296	.0480571	.0016968	.0007701
#2	.4809790	.000514	-.001013	.0403978	.0005145	.0003190
#3	.4629956	-.000962	-.001277	.0109060	.0009654	.0005911

Sample Name: CCB06 Acquired: 8/27/2025 17:14:23 Type: Unk
Method: 6010-200.7 NEW(v131) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCB06 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002159	.0002426	-.002400	.0020269	F .2982652	-.008770
Stddev	.000056	.0003677	.021220	.0013037	.0053054	.000628
%RSD	2.601110	151.5600	884.0126	64.32076	1.778746	7.156982
#1	-.002211	.0006666	.020928	.0035277	.3023664	-.009229
#2	-.002166	.0000120	-.007574	.0013786	.3001556	-.009025
#3	-.002100	.0000492	-.020555	.0011745	.2922735	-.008055

Elem	Sr4077
Units	ppm
Avg	.0000983
Stddev	.0000650
%RSD	66.11469
#1	.0000265
#2	.0001151
#3	.0001531

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6698.471	119107.5	11372.68	5009.396	8446.502
Stddev	12.681	249.0	42.45	18.492	21.542
%RSD	.1893080	.2090269	.3733038	.3691495	.2550385
#1	6713.000	118983.3	11373.28	5010.525	8471.356
#2	6689.629	118945.0	11414.83	4990.365	8434.943
#3	6692.786	119394.1	11329.93	5027.298	8433.207

SOP ID : M3010A-Digestion-17

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: 08/27/2025 Time : 10:40 Temp : 97 °C

End Digest Date: 08/27/2025 Time : 13:45 Temp : 98 °C

Digestion tube ID: M5595

Block thermometer ID: MET-DIG. #1

Dig Technician Signature: *Slas*

Supervisor Signature: *[Signature]*

Temp : 1. 96°C 2. N/A

Standard Name	MLS USED	STD REF. # FROM LOG
LFS-1	0.25	M6180
LFS-2	0.25	M6181
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 97C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
08/27/25 14:45	<i>Slas 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
PB169418BL	PBW418	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	1
PB169418BS	LCS418	<2	50	25	Colorless	Colorless	Clear	Clear	M6180,M6181	2
Q2964-02MS	MW3MS	<2	50	25	Colorless	Colorless	Clear	Clear	M6180,M6181	5
Q2964-02MSD	MW3MSD	<2	50	25	Colorless	Colorless	Clear	Clear	M6180,M6181	6
Q2964-02DUP	MW3DUP	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	4
Q2964-02	MW3	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	3

WORKLIST(Hardcopy Internal Chain)

WorkList Name : PB169418

WorkList ID : 191517

Department : Digestion

Date : 08-27-2025 09:59:34

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2964-02	MW/3	Water	Metals Group4	1:1 HNO3 to pH < 2	GENV01	D41	08/25/2025	6010D

Date/Time 08/27/25 10:30

Raw Sample Received by: SLS met dg

Raw Sample Relinquished by: CPC cm

Date/Time 08/27/25 11:30

Raw Sample Received by: CPC cm

Raw Sample Relinquished by: SLS met dg

PERCENT SOLID

Supervisor: rubina
Analyst: jignesh
Date: 8/27/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:00
In Date: 08/26/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:25
Out Date: 08/27/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC:LB136967

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
Q2958-01	1	1	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2958-02	2	2	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2958-03	3	3	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2958-04	4	4	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2959-01	NWB-2200	5	1.17	10.15	11.32	11.3	99.8	
Q2959-02	NWB-2201	6	1.18	10.20	11.38	11.36	99.8	
Q2959-03	NWB-2202	7	1.15	10.42	11.57	11.54	99.7	
Q2959-04	NWB-2154	8	1.19	10.43	11.62	10.68	91.0	
Q2960-01	SU-03-08262025	9	1.18	10.38	11.56	10.82	92.9	
Q2960-02	SU-03-08262025-E2	10	1.19	10.14	11.33	10.42	91.0	
Q2961-03	BC247637-1-1	11	1.00	1.00	2.00	2.00	100.0	PILC
Q2961-04	BC247637-1-2	12	1.00	1.00	2.00	2.00	100.0	PILC
Q2961-05	BC254741-1-1	13	1.00	1.00	2.00	2.00	100.0	PILC
Q2961-06	BC254741-1-2	14	1.00	1.00	2.00	2.00	100.0	PILC
Q2961-07	BC254741-2-1	15	1.00	1.00	2.00	2.00	100.0	PILC
Q2961-08	BC254741-2-2	16	1.00	1.00	2.00	2.00	100.0	PILC
Q2961-09	Y2306-0011-1-1	17	1.00	1.00	2.00	2.00	100.0	PILC
Q2961-10	Y2306-0011-1-2	18	1.00	1.00	2.00	2.00	100.0	PILC
Q2961-11	Y2306-0011-2-1	19	1.00	1.00	2.00	2.00	100.0	PILC
Q2961-12	Y2306-0011-2-2	20	1.00	1.00	2.00	2.00	100.0	PILC
Q2962-01	821-ABC	21	1.00	1.00	2.00	2.00	100.0	oil sample
Q2962-03	821-DEF	22	1.00	1.00	2.00	2.00	100.0	oil sample
Q2962-05	821-GHI	23	1.00	1.00	2.00	2.00	100.0	oil sample
Q2964-01	RBBX4R	24	1.15	10.36	11.51	9.62	81.8	
Q2964-04	RPXY1R	25	1.16	10.58	11.74	10.15	85.0	

$$\% \text{ Solid} = \frac{(C-A) * 100}{(B-A)}$$

WORKLIST(Hardcopy Internal Chain)

WorkList Name : %1-082625

WorkList ID : 191489

Department : Wet-Chemistry

Date : 08-26-2025 10:14:42

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2958-01	1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	08/26/2025	Chemtech -SO
Q2958-02	2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	08/26/2025	Chemtech -SO
Q2958-03	3	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	08/26/2025	Chemtech -SO
Q2958-04	4	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	08/26/2025	Chemtech -SO
Q2959-01	NWB-2200	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	08/26/2025	Chemtech -SO
Q2959-02	NWB-2201	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	08/26/2025	Chemtech -SO
Q2959-03	NWB-2202	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	08/26/2025	Chemtech -SO
Q2959-04	NWB-2154	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	08/26/2025	Chemtech -SO
Q2960-01	SU-03-08262025	Solid	Percent Solids	Cool 4 deg C	PSEG05	D31	08/26/2025	Chemtech -SO
Q2960-02	SU-03-08262025-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	D31	08/26/2025	Chemtech -SO
Q2961-03	BC247637-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	08/26/2025	Chemtech -SO
Q2961-04	BC247637-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	08/26/2025	Chemtech -SO
Q2961-05	BC254741-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	08/26/2025	Chemtech -SO
Q2961-06	BC254741-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	08/26/2025	Chemtech -SO
Q2961-07	BC254741-2-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	08/26/2025	Chemtech -SO
Q2961-08	BC254741-2-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	08/26/2025	Chemtech -SO
Q2961-09	Y2306-0011-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	08/26/2025	Chemtech -SO
Q2961-10	Y2306-0011-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	08/26/2025	Chemtech -SO
Q2961-11	Y2306-0011-2-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	08/26/2025	Chemtech -SO
Q2961-12	Y2306-0011-2-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	08/26/2025	Chemtech -SO
Q2962-01	821-ABC	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	08/26/2025	Chemtech -SO

Date/Time

08/26/25 15:00

Raw Sample Received by:

JD CSM

Raw Sample Relinquished by:

JD CSM

Date/Time

08/26/25

Raw Sample Received by:

JD CSM

Raw Sample Relinquished by:

WORKLIST(Hardcopy Internal Chain)

87136967

WorkList Name : %1-082625 WorkList ID : 191489 Department : Wet-Chemistry Date : 08-26-2025 10:14:42

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2962-03	821-DEF	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	08/26/2025	Chemtech -SO
Q2962-05	821-GHI	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	08/26/2025	Chemtech -SO
Q2964-01	RBBX4R	Solid	Percent Solids	Cool 4 deg C	GENV01	D41	08/25/2025	Chemtech -SO
Q2964-04	RPXY1R	Solid	Percent Solids	Cool 4 deg C	GENV01	D41	08/25/2025	Chemtech -SO

Date/Time 08/26/25 15400
 Raw Sample Received by: SA WJC
 Raw Sample Relinquished by: SA WJC

Date/Time 08/26/25 1715
 Raw Sample Received by: JD CSM
 Raw Sample Relinquished by: JD CSM

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB136987

Review By	jaswal	Review On	8/28/2025 11:41:53 AM
Supervise By	Janvi	Supervise On	8/28/2025 12:07:16 PM
STD. NAME	STD REF.#		
ICAL Standard	MP86640,MP86656,MP86653,MP86643,MP86642,MP86641		
ICV Standard	MP86752,MP86656		
CCV Standard	MP86646		
ICSA Standard	MP86651,MP86753		
CRI Standard	MP86656		
LCS Standard			
Chk Standard	MP86647,MP86648		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	08/27/25 11:02		Jaswal	OK
2	S1	S1	CAL2	08/27/25 11:07		Jaswal	OK
3	S2	S2	CAL3	08/27/25 11:11		Jaswal	OK
4	S3	S3	CAL4	08/27/25 11:15		Jaswal	OK
5	S4	S4	CAL5	08/27/25 11:19		Jaswal	OK
6	S5	S5	CAL6	08/27/25 11:23		Jaswal	OK
7	ICV01	ICV01	ICV	08/27/25 11:28		Jaswal	OK
8	LLICV01	LLICV01	LLICV	08/27/25 11:34		Jaswal	OK
9	ICB01	ICB01	ICB	08/27/25 11:40		Jaswal	OK
10	CRI01	CRI01	CRDL	08/27/25 11:44		Jaswal	OK
11	ICSA01	ICSA01	ICSA	08/27/25 11:48		Jaswal	OK
12	ICSAB01	ICSAB01	ICSAB	08/27/25 11:53		Jaswal	OK
13	ICSADL	ICSADL	ICSA	08/27/25 11:57		Jaswal	OK
14	ICSABDL	ICSABDL	ICSAB	08/27/25 12:01		Jaswal	OK
15	CCV01	CCV01	CCV	08/27/25 12:05		Jaswal	OK
16	CCB01	CCB01	CCB	08/27/25 12:13		Jaswal	OK
17	LR-1	LR-1	HIGH STD	08/27/25 12:17		Jaswal	OK
18	LR-2	LR-2	HIGH STD	08/27/25 12:22		Jaswal	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB136987

Review By	jaswal	Review On	8/28/2025 11:41:53 AM
Supervise By	Janvi	Supervise On	8/28/2025 12:07:16 PM
STD. NAME	STD REF.#		
ICAL Standard	MP86640,MP86656,MP86653,MP86643,MP86642,MP86641		
ICV Standard	MP86752,MP86656		
CCV Standard	MP86646		
ICSA Standard	MP86651,MP86753		
CRI Standard	MP86656		
LCS Standard			
Chk Standard	MP86647,MP86648		

19	LR-3	LR-3	HIGH STD	08/27/25 12:26		Jaswal	OK
20	PB169396BL	PB169396BL	MB	08/27/25 12:31		Jaswal	OK
21	PB169396BS	PB169396BS	LCS	08/27/25 12:35		Jaswal	OK
22	PB169397BL	PB169397BL	MB	08/27/25 12:39		Jaswal	OK
23	PB169397BS	PB169397BS	LCS	08/27/25 12:44		Jaswal	OK
24	Q2950-01	402	SAM	08/27/25 12:48		Jaswal	OK
25	Q2950-01DUP	402DUP	DUP	08/27/25 12:52		Jaswal	OK
26	Q2950-01L	402L	SD	08/27/25 12:56		Jaswal	OK
27	CCV02	CCV02	CCV	08/27/25 13:07		Jaswal	OK
28	CCB02	CCB02	CCB	08/27/25 13:12		Jaswal	OK
29	Q2950-01MS	402MS	MS	08/27/25 13:16		Jaswal	OK
30	Q2950-01MSD	402MSD	MSD	08/27/25 13:20		Jaswal	OK
31	Q2950-01A	402A	PS	08/27/25 13:24		Jaswal	OK
32	Q2954-11	BRIDGE	SAM	08/27/25 13:28		Jaswal	OK
33	Q2954-11DUP	BRIDGEDUP	DUP	08/27/25 13:32		Jaswal	OK
34	Q2954-11L	BRIDGEL	SD	08/27/25 13:37		Jaswal	OK
35	Q2954-11MS	BRIDGEMS	MS	08/27/25 13:41		Jaswal	OK
36	Q2954-11MSD	BRIDGEMSD	MSD	08/27/25 13:45		Jaswal	OK
37	Q2954-11A	BRIDGEA	PS	08/27/25 13:49		Jaswal	OK
38	PB169417BL	PB169417BL	MB	08/27/25 13:53		Jaswal	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB136987

Review By	jaswal	Review On	8/28/2025 11:41:53 AM
Supervise By	Janvi	Supervise On	8/28/2025 12:07:16 PM
STD. NAME	STD REF.#		
ICAL Standard	MP86640,MP86656,MP86653,MP86643,MP86642,MP86641		
ICV Standard	MP86752,MP86656		
CCV Standard	MP86646		
ICSA Standard	MP86651,MP86753		
CRI Standard	MP86656		
LCS Standard			
Chk Standard	MP86647,MP86648		

39	CCV03	CCV03	CCV	08/27/25 14:09		Jaswal	OK
40	CCB03	CCB03	CCB	08/27/25 14:13		Jaswal	OK
41	PB169417BS	PB169417BS	LCS	08/27/25 14:17		Jaswal	OK
42	Q2954-01	BRIDGE-NORTH	SAM	08/27/25 14:21		Jaswal	OK
43	Q2954-06	BRIDGE-SOUTH	SAM	08/27/25 14:25		Jaswal	OK
44	Q2960-01	SU-03-08262025	SAM	08/27/25 14:29		Jaswal	OK
45	Q2960-01DUP	SU-03-08262025DUP	DUP	08/27/25 14:33		Jaswal	OK
46	Q2960-01L	SU-03-08262025L	SD	08/27/25 14:37		Jaswal	OK
47	Q2960-01MS	SU-03-08262025MS	MS	08/27/25 14:41		Jaswal	OK
48	Q2960-01MSD	SU-03-08262025MSD	MSD	08/27/25 14:45		Jaswal	OK
49	Q2960-01A	SU-03-08262025A	PS	08/27/25 14:49		Jaswal	OK
50	CCV04	CCV04	CCV	08/27/25 14:53		Jaswal	OK
51	CCB04	CCB04	CCB	08/27/25 14:57		Jaswal	OK
52	PB169418BL	PB169418BL	MB	08/27/25 15:34		Jaswal	OK
53	PB169418BS	PB169418BS	LCS	08/27/25 15:40		Jaswal	OK
54	Q2964-02	MW3	SAM	08/27/25 15:44	Na high	Jaswal	Dilution
55	Q2964-02DUP	MW3DUP	DUP	08/27/25 15:48	Na high	Jaswal	Dilution
56	Q2964-02L	MW3L	SD	08/27/25 15:53		Jaswal	OK
57	Q2964-02MS	MW3MS	MS	08/27/25 15:57	Na high	Jaswal	Dilution
58	Q2964-02MSD	MW3MSD	MSD	08/27/25 16:02	Na high	Jaswal	Dilution

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB136987

Review By	jaswal	Review On	8/28/2025 11:41:53 AM
Supervise By	Janvi	Supervise On	8/28/2025 12:07:16 PM

STD. NAME	STD REF.#
ICAL Standard	MP86640,MP86656,MP86653,MP86643,MP86642,MP86641
ICV Standard	MP86752,MP86656
CCV Standard	MP86646
ICSA Standard	MP86651,MP86753
CRI Standard	MP86656
LCS Standard	
Chk Standard	MP86647,MP86648

59	Q2964-02A	MW3A	PS	08/27/25 16:06		Jaswal	OK
60	CCV05	CCV05	CCV	08/27/25 16:24		Jaswal	OK
61	CCB05	CCB05	CCB	08/27/25 16:39		Jaswal	OK
62	Q2964-02DL	MW3DL	SAM	08/27/25 16:43	5x for Na	Jaswal	Confirms
63	Q2964-02DUPDL	MW3DUPDL	DUP	08/27/25 16:48	5x for Na	Jaswal	Confirms
64	Q2964-02LDL	MW3LDL	SD	08/27/25 16:52	Not required	Jaswal	Not Ok
65	Q2964-02MSDL	MW3MSDL	MS	08/27/25 16:56	5x for Na	Jaswal	Confirms
66	Q2964-02MSDDL	MW3MSDDL	MSD	08/27/25 17:01	5x for Na	Jaswal	Confirms
67	Q2964-02ADL	MW3ADL	PS	08/27/25 17:05	Not required	Jaswal	Not Ok
68	CCV06	CCV06	CCV	08/27/25 17:10	CCV fail for K	Jaswal	OK
69	CCB06	CCB06	CCB	08/27/25 17:14		Jaswal	OK

Prep Standard - Chemical Standard Summary

Order ID : Q2964

Test : Metals Group4

Prepbatch ID : PB169418,

Sequence ID/Qc Batch ID: LB136987,

Standard ID :
MP85156,

Chemical ID :
M6151,M6158,M6180,M6181,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 #
Seidler Chemical	BA-9530-33 / Hydrochloric Acid, Instra-Analyzed (cs/6x2.5L)	22G2862015	02/17/2026	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 #
Inorganic Ventures	WW-LFS-1 / Laboratory Fortified Stock Solution 1, 125 ml	W2-MEB752149	02/05/2026	08/06/2025 / Janvi	07/22/2025 / Janvi	M6180

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	V2-MEB7433480	02/05/2026	08/06/2025 / Janvi	07/22/2025 / Janvi	M6181

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

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

 **avantor**™

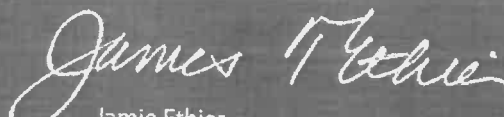


Material No.: 9530-33
Batch No.: 22G2862015

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


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

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:	W2-MEB752149
Matrix:	5% (v/v) HNO ₃

M6180
R-37/22/23

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	200.2 ± 0.7 µg/mL	Arsenic, As	80.1 ± 0.5 µg/mL
Barium, Ba	20.02 ± 0.12 µg/mL	Beryllium, Be	20.02 ± 0.11 µg/mL
Boron, B	30.02 ± 0.15 µg/mL	Cadmium, Cd	20.04 ± 0.09 µg/mL
Calcium, Ca	100.1 ± 0.3 µg/mL	Cerium, Ce	200.2 ± 1.0 µg/mL
Chromium, Cr	40.02 ± 0.26 µg/mL	Cobalt, Co	20.03 ± 0.09 µg/mL
Copper, Cu	30.03 ± 0.13 µg/mL	Iron, Fe	300.3 ± 1.3 µg/mL
Lead, Pb	100.1 ± 0.5 µg/mL	Lithium, Li	20.03 ± 0.09 µg/mL
Magnesium, Mg	200.2 ± 0.9 µg/mL	Manganese, Mn	19.99 ± 0.09 µg/mL
Mercury, Hg	70.0 ± 0.3 µg/mL	Nickel, Ni	50.05 ± 0.22 µg/mL
Phosphorus, P	600.5 ± 2.9 µg/mL	Potassium, K	1 001 ± 4 µg/mL
Selenium, Se	200.2 ± 1.1 µg/mL	Silver, Ag	7.52 ± 0.03 µg/mL
Sodium, Na	300.3 ± 1.3 µg/mL	Strontium, Sr	20.02 ± 0.10 µg/mL
Thallium, Tl	200.2 ± 1.0 µg/mL	Vanadium, V	30.02 ± 0.13 µg/mL
Zinc, Zn	20.05 ± 0.09 µg/mL		

Density: 1.037 g/mL (measured at 20 ± 5 °C)

Assay Information:

ANALYTE	METHOD	NIST SRM#	SRM LOT#
Ag	ICP Assay	3151	160729
Ag	Volhard	999c	999c
Al	ICP Assay	3101a	140903
Al	EDTA	928	928
As	ICP Assay	3103a	100818
B	ICP Assay	3107	190605
B	Calculated		See Sec. 4.2
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	160830
Ce	EDTA	928	928
Co	ICP Assay	3113	190630
Co	EDTA	928	928
Cr	ICP Assay	3112a	170630
Cu	ICP Assay	3114	120618
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	3152a	200413
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	ICP 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:

$$w_i = (1/u_{\text{char } i}^2) / (\sum (1/u_{\text{char } i}^2))$$

$$\text{CRM/RM Expanded Uncertainty } (\pm) = U_{\text{CRM/RM}} = k (u_{\text{char}}^2 + u_{\text{bb}}^2 + u_{\text{ITS}}^2 + u_{\text{TS}}^2)^{1/2}$$

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

$$\text{CRM/RM Expanded Uncertainty } (\pm) = U_{\text{CRM/RM}} = k (u_{\text{char } a}^2 + u_{\text{bb}}^2 + u_{\text{ITS}}^2 + u_{\text{TS}}^2)^{1/2}$$

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° - 25° C to minimize the effects of transpiration. Use at 20° ± 5° 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

Note: This solution contains Silver (Ag), please refer to our Sample Preparation Guide for more information (<https://www.inorganicventures.com/sample-preparation-guide/samples-containing-silver>)

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;

11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

11.1 Certification Issue Date

April 08, 2025

- 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

- **April 08, 2029**

- 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 Prepared By:

Justin Dirico
Stock Processing Supervisor



Certificate Approved By:

Jodie Wall
Stock VSM Coordinator



Certifying Officer:

Paul Gaines
Chairman / Senior Technical Director



300 Technology Drive
Christiansburg, VA 24073 USA
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F: 540-585-3012
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M6181
R → 7/22/28

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: V2-MEB743480
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 ± 0.5 µg/mL	Molybdenum, Mo	40.05 ± 0.22 µg/mL
Silica, SiO ₂	200.3 ± 1.4 µg/mL	Tin, Sn	70.1 ± 0.4 µg/mL
Titanium, Ti	20.03 ± 0.12 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
Sb	ICP Assay	3102a	140911
SiO ₂	Calculated		See Sec. 4.2
Sn	ICP Assay	3161a	140917
Ti	ICP Assay	traceable to 3162a	T2-Ti725816

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

Inorganic Ventures, 300 Technology Drive, Christiansburg, Va. 24073, USA; Telephone: 800.669.6799; 540.585.3030, Fax: 540.585.3012; inorganicventures.com; info@inorganicventures.com

11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

11.1 Certification Issue Date

May 07, 2024

- 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

- **May 07, 2029**

- 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 Prepared By:

Justin Dirico
Stock Processing Supervisor



Certificate Approved By:

Thomas Kozikowski
Stock VS Manager



Certifying Officer:

Paul Gaines
Chairman / Senior Technical Director





SHIPPING DOCUMENTS

CLIENT INFORMATION

REPORT TO BE SENT TO:

COMPANY: G Environmental
ADDRESS: 8 Carriage Lane
CITY: Succasunna STATE: NJ ZIP:
ATTENTION:
PHONE: FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: Buffington
PROJECT NO.: LOCATION: NJ
PROJECT MANAGER: GL
e-mail:
PHONE: FAX:

CLIENT BILLING INFORMATION

BILL TO: G Environmental PO#:
ADDRESS: 8 Carriage Lane
CITY: Succasunna STATE: NJ ZIP:
ATTENTION: PHONE:

ANALYSIS

DATA TURNAROUND INFORMATION

FAX (RUSH) 5 day DAYS*
HARDCOPY (DATA PACKAGE): 5 day 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 add reference
☒ EDD FORMAT 172 site NJ SEP

PRESERVATIVES

COMMENTS

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES										← Specify Preservatives A-HCl B-HNO3 C-H2SO4 D-NaOH E-ICE F-OTHER
			COMP	GRAB	DATE	TIME		1	2	3	4	5	6	7	8	9	
1.	MW3	GW			8/25/25	5	3	X	X		X	X					
2.	RBBX4R	SDI			8/25/25	1000	4			X							
3.	RAX1R	SDI			8/25/25	1106	4			X							
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:	Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☒ COOLER TEMP <u>2.12</u> °C
1. <u>Mar</u>	<u>8/26/25</u>	1. <u>R. J. - 1430</u>	Comments:
RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:	
2.		2.	
RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:	
3.		3.	

Page ____ of ____

CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete
☐ YES ☐ NO

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	TX-C25-00189
Virginia	460312