

Cover Page

Order ID : Q2289

Project ID : AEC-2025-0013- CSC 4019 Waterbury

Client : ATG-GREENVILLE AEC

Lab Sample Number

Q2289-01
Q2289-02
Q2289-03

Client Sample Number

SP-1
SP-2
SP-3

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

Signature : _____

Date: 6/18/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

DATA REPORTING QUALIFIERS- INORGANIC

For reporting results, the following “ Results Qualifiers” are used:

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

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q2289

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: 06/18/2025

LAB CHRONICLE

OrderID:	Q2289	OrderDate:	6/11/2025 11:44:58 AM
Client:	ATG-GREENVILLE AEC	Project:	AEC-2025-0013- CSC 4019 Waterbury
Contact:	Daniel Maalouf	Location:	A11

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2289-01	SP-1	Water	Metals ICP-Group1	6020B	06/10/25	06/17/25	06/18/25	06/11/25
Q2289-02	SP-2	Water	Metals ICP-Group1	6020B	06/10/25	06/17/25	06/18/25	06/11/25
Q2289-03	SP-3	Water	Metals ICP-Group1	6020B	06/10/25	06/17/25	06/18/25	06/11/25



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Hit Summary Sheet
SW-846

SDG No.: Q2289

Order ID: Q2289

Client: ATG-GREENVILLE AEC

Project ID: AEC-2025-0013- CSC 4019 Waterbury

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : SP-1								
Q2289-01	SP-1	Water	Copper	103		0.30	2.00	ug/L
Q2289-01	SP-1	Water	Lead	41.2		0.21	1.00	ug/L
Q2289-01	SP-1	Water	Zinc	376		1.25	5.00	ug/L
Client ID : SP-2								
Q2289-02	SP-2	Water	Copper	59.5		0.30	2.00	ug/L
Q2289-02	SP-2	Water	Lead	25.5		0.21	1.00	ug/L
Q2289-02	SP-2	Water	Zinc	167		1.25	5.00	ug/L
Client ID : SP-3								
Q2289-03	SP-3	Water	Copper	335		0.30	2.00	ug/L
Q2289-03	SP-3	Water	Lead	87.8		0.21	1.00	ug/L
Q2289-03	SP-3	Water	Zinc	830		1.25	5.00	ug/L



SAMPLE DATA

Report of Analysis

Client:	ATG-GREENVILLE AEC	Date Collected:	06/10/25
Project:	AEC-2025-0013- CSC 4019 Waterbury	Date Received:	06/11/25
Client Sample ID:	SP-1	SDG No.:	Q2289
Lab Sample ID:	Q2289-01	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-50-8	Copper	103		1	0.30	2.00	ug/L	06/17/25 10:10	06/18/25 12:59	6020B	3010A
7439-92-1	Lead	41.2		1	0.21	1.00	ug/L	06/17/25 10:10	06/18/25 12:59	6020B	3010A
7440-66-6	Zinc	376		1	1.25	5.00	ug/L	06/17/25 10:10	06/18/25 12:59	6020B	3010A

Color Before:	light Brown	Clarity Before:	Cloudy	Texture:
Color After:	light Brown	Clarity After:	Clear	Artifacts:
Comments:	Metals ICP-Group1			

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

Report of Analysis

Client:	ATG-GREENVILLE AEC	Date Collected:	06/10/25
Project:	AEC-2025-0013- CSC 4019 Waterbury	Date Received:	06/11/25
Client Sample ID:	SP-2	SDG No.:	Q2289
Lab Sample ID:	Q2289-02	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.
7440-50-8	Copper	59.5		1	0.30	2.00	ug/L	06/17/25 10:10	06/18/25 13:02	6020B	3010A
7439-92-1	Lead	25.5		1	0.21	1.00	ug/L	06/17/25 10:10	06/18/25 13:02	6020B	3010A
7440-66-6	Zinc	167		1	1.25	5.00	ug/L	06/17/25 10:10	06/18/25 13:02	6020B	3010A

Color Before:	light Brown	Clarity Before:	Cloudy	Texture:
Color After:	light Brown	Clarity After:	Clear	Artifacts:
Comments:	Metals ICP-Group1			

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

Report of Analysis

Client:	ATG-GREENVILLE AEC	Date Collected:	06/10/25
Project:	AEC-2025-0013- CSC 4019 Waterbury	Date Received:	06/11/25
Client Sample ID:	SP-3	SDG No.:	Q2289
Lab Sample ID:	Q2289-03	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-50-8	Copper	335		1	0.30	2.00	ug/L	06/17/25 10:10	06/18/25 13:05	6020B	3010A
7439-92-1	Lead	87.8		1	0.21	1.00	ug/L	06/17/25 10:10	06/18/25 13:05	6020B	3010A
7440-66-6	Zinc	830		1	1.25	5.00	ug/L	06/17/25 10:10	06/18/25 13:05	6020B	3010A

Color Before:	Brown	Clarity Before:	Cloudy	Texture:
Color After:	light Brown	Clarity After:	Clear	Artifacts:
Comments:	Metals ICP-Group1			

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: ATG-GREENVILLE AEC **SDG No.:** Q2289
Contract: ATGG01 **Lab Code:** CHEM **Case No.:** Q2289 **SAS No.:** Q2289
Initial Calibration Source: EPA
Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV1	Copper	101	100	100	90 - 110	P	06/18/2025	12:01	LB136195
	Lead	213	200	106	90 - 110	P	06/18/2025	12:01	LB136195
	Zinc	202	200	101	90 - 110	P	06/18/2025	12:01	LB136195

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: ATG-GREENVILLE AEC **SDG No.:** Q2289
Contract: ATGG01 **Lab Code:** CHEM **Case No.:** Q2289 **SAS No.:** Q2289
Initial Calibration Source: EPA
Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLICV1	Copper	2.09	2.0	104	80 - 120	P	06/18/2025	12:08	LB136195
	Lead	0.92	1.0	92	80 - 120	P	06/18/2025	12:08	LB136195
	Zinc	5.36	5.0	107	80 - 120	P	06/18/2025	12:08	LB136195

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: ATG-GREENVILLE AEC **SDG No.:** Q2289

Contract: ATGG01 **Lab Code:** CHEM **Case No.:** Q2289 **SAS No.:** Q2289

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV1	Copper	5090	5000	102	90 - 110	P	06/18/2025	12:48	LB136195
	Lead	2670	2500	107	90 - 110	P	06/18/2025	12:48	LB136195
	Zinc	4980	5000	100	90 - 110	P	06/18/2025	12:48	LB136195
CCV2	Copper	5110	5000	102	90 - 110	P	06/18/2025	13:12	LB136195
	Lead	2640	2500	106	90 - 110	P	06/18/2025	13:12	LB136195
	Zinc	5010	5000	100	90 - 110	P	06/18/2025	13:12	LB136195
CCV3	Copper	5100	5000	102	90 - 110	P	06/18/2025	13:49	LB136195
	Lead	2630	2500	105	90 - 110	P	06/18/2025	13:49	LB136195
	Zinc	4960	5000	99	90 - 110	P	06/18/2025	13:49	LB136195
CCV4	Copper	5160	5000	103	90 - 110	P	06/18/2025	14:15	LB136195
	Lead	2600	2500	104	90 - 110	P	06/18/2025	14:15	LB136195
	Zinc	4980	5000	100	90 - 110	P	06/18/2025	14:15	LB136195



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Metals

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CRDL STANDARD FOR AA & ICP

Client: ATG-GREENVILLE AEC **SDG No.:** Q2289
Contract: ATGG01 **Lab Code:** CHEM **Case No.:** Q2289 **SAS No.:** Q2289
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
CRI	Copper	2.43	2.0	122	70 - 130	P	06/18/2025	12:55	LB136195
	Lead	0.95	1.0	95	70 - 130	P	06/18/2025	12:55	LB136195
	Zinc	5.03	5.0	101	50 - 150	P	06/18/2025	12:55	LB136195



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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: ATG-GREENVILLE AEC

SDG No.: Q2289

Contract: ATGG01

Lab Code: CHEM

Case No.: Q2289

SAS No.: Q2289

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB1	Copper	0.30	+/-1	U	2.00	P	06/18/2025	12:13	LB136195
	Lead	0.21	+/-0.5	U	1.00	P	06/18/2025	12:13	LB136195
	Zinc	1.25	+/-2.5	U	5.00	P	06/18/2025	12:13	LB136195

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: ATG-GREENVILLE AEC **SDG No.:** Q2289
Contract: ATGG01 **Lab Code:** CHEM **Case No.:** Q2289 **SAS No.:** Q2289

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB1	Copper	0.48	+/-1	J	2.00	P	06/18/2025	12:51	LB136195
	Lead	0.21	+/-0.5	U	1.00	P	06/18/2025	12:51	LB136195
	Zinc	1.25	+/-2.5	U	5.00	P	06/18/2025	12:51	LB136195
CCB2	Copper	0.30	+/-1	U	2.00	P	06/18/2025	13:15	LB136195
	Lead	0.21	+/-0.5	U	1.00	P	06/18/2025	13:15	LB136195
	Zinc	1.25	+/-2.5	U	5.00	P	06/18/2025	13:15	LB136195
CCB3	Copper	0.30	+/-1	U	2.00	P	06/18/2025	13:52	LB136195
	Lead	0.21	+/-0.5	U	1.00	P	06/18/2025	13:52	LB136195
	Zinc	1.25	+/-2.5	U	5.00	P	06/18/2025	13:52	LB136195
CCB4	Copper	0.30	+/-1	U	2.00	P	06/18/2025	14:18	LB136195
	Lead	0.21	+/-0.5	U	1.00	P	06/18/2025	14:18	LB136195
	Zinc	1.25	+/-2.5	U	5.00	P	06/18/2025	14:18	LB136195

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: ATG-GREENVILLE AEC

SDG No.: Q2289

Instrument: P7

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB168510BL		WATER		Batch Number:	PB168510		Prep Date:	06/17/2025	
	Copper	0.30	<1	U	2.00	P	06/18/2025	13:08	LB136195
	Lead	0.21	<0.5	U	1.00	P	06/18/2025	13:08	LB136195
	Zinc	1.25	<2.5	U	5.00	P	06/18/2025	13:08	LB136195

Metals
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INTERFERENCE CHECK SAMPLE

Client: ATG-GREENVILLE AEC **SDG No.:** Q2289
Contract: ATGG01 **Lab Code:** CHEM **Case No.:** Q2289 **SAS No.:** Q2289
ICS Source: EPA **Instrument ID:** P7

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
ICSA1	Copper	9.31	8.0	116	4	12	06/18/2025	12:30	LB136195
	Lead	4.06	4.0	102	2	6	06/18/2025	12:30	LB136195
	Zinc	11.6	11.0	106	1	21	06/18/2025	12:30	LB136195
ICSAB1	Copper	27.1	25.0	108	21	29	06/18/2025	12:45	LB136195
	Lead	24.4	25.0	98	21.3	28.8	06/18/2025	12:45	LB136195
	Zinc	30.4	29.0	105	19	39	06/18/2025	12:45	LB136195



METAL

QC

DATA

metals
- 5a -
MATRIX SPIKE SUMMARY

client: <u>ATG-GREENVILLE AEC</u>	level: <u>low</u>	sdg no.: <u>Q2289</u>
contract: <u>ATGG01</u>	lab code: <u>CHEM</u>	case no.: <u>Q2289</u> sas no.: <u>Q2289</u>
matrix: <u>Water</u>	sample id: <u>Q2289-02</u>	client id: <u>SP-2MS</u>
Percent Solids for Sample: <u>NA</u>	Spiked ID: <u>Q2289-02MS</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
Copper	ug/L	75 - 125	5170		59.5		5000	102		P
Lead	ug/L	75 - 125	2510		25.5		2500	99		P
Zinc	ug/L	75 - 125	5440		167		5000	105		P

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: <u>ATG-GREENVILLE AEC</u>	level: <u>low</u>	sdg no.: <u>Q2289</u>
contract: <u>ATGG01</u>	lab code: <u>CHEM</u>	case no.: <u>Q2289</u> sas no.: <u>Q2289</u>
matrix: <u>Water</u>	sample id: <u>Q2289-02</u>	client id: <u>SP-2MSD</u>
Percent Solids for Sample: <u>NA</u>	Spiked ID: <u>Q2289-02MSD</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
Copper	ug/L	75 - 125	5080		59.5		5000	100		P
Lead	ug/L	75 - 125	2470		25.5		2500	98		P
Zinc	ug/L	75 - 125	5380		167		5000	104		P

Metals

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Client: ATG-GREENVILLE AEC **SDG No.:** Q2289
Contract: ATGG01 **Lab Code:** CHEM **Case No.:** Q2289 **SAS No.:** Q2289
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: ATG-GREENVILLE AEC **Level:** LOW **SDG No.:** Q2289
Contract: ATGG01 **Lab Code:** CHEM **Case No.:** Q2289 **SAS No.:** Q2289
Matrix: Water **Sample ID:** Q2289-02 **Client ID:** SP-2DUP
Percent Solids for Sample: NA **Duplicate ID** Q2289-02DUP **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Copper	ug/L	20	59.5		58.7		1		P
Lead	ug/L	20	25.5		26.9		5		P
Zinc	ug/L	20	167		167		0		P

Metals

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DUPLICATE SAMPLE SUMMARY

Client: ATG-GREENVILLE AEC **Level:** LOW **SDG No.:** Q2289
Contract: ATGG01 **Lab Code:** CHEM **Case No.:** Q2289 **SAS No.:** Q2289
Matrix: Water **Sample ID:** Q2289-02MS **Client ID:** SP-2MSD
Percent Solids for Sample: NA **Duplicate ID** Q2289-02MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Copper	ug/L	20	5170		5080		2		P
Lead	ug/L	20	2510		2470		2		P
Zinc	ug/L	20	5440		5380		1		P

Metals

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LABORATORY CONTROL SAMPLE SUMMARY

Client: ATG-GREENVILLE AEC **SDG No.:** Q2289
Contract: ATGG01 **Lab Code:** CHEM **Case No.:** Q2289 **SAS No.:** Q2289

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB168510BS							
Copper	ug/L	5000	5190		104	80 - 120	P
Lead	ug/L	2500	2480		99	80 - 120	P
Zinc	ug/L	5000	5280		106	80 - 120	P

FORM 8A

ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Client: ATG-GREENVILLE AEC

Contract: ATGG01

Lab Code: CHEM Case no.: Q2289

Sas No.: Q2289 SDG No.: Q2289

Instrument ID: P7

Start Date : 06/18/2025

Run Number: LB136195

End Date : 06/18/2025

Lab SampleID	Client SampleID	Time	Internal Standard %RI For: Non-Collision Cell									
			Element 6Li	Q	Element 45Sc	Q	Element 89Y	Q	Element 103Rh	Q	Element 159Tb	Q
S0	S0	1114	100		100		100		100		100	
S2	S2	1118	100		100		98		100		100	
S3	S3	1124	103		101		99		99		101	
S4	S4	1131	105		99		98		98		102	
S5	S5	1134	104		97		97		96		101	
S6	S6	1137	103		99		99		96		103	
S7	S7	1140	103		100		100		96		106	
S8	S8	1143	101		102		101		94		104	
ICV1	ICV1	1201	98		103		104		104		103	
LLICV1	LLICV1	1208	97		103		102		101		101	
ICB1	ICB1	1213	98		102		102		102		103	
ICSA1	ICSA1	1230	96		101		103		101		107	
ICSAB1	ICSAB1	1245	93		102		106		103		110	
CCV1	CCV1	1248	93		102		107		102		112	
CCB1	CCB1	1251	92		102		105		105		107	
CRI	CRI	1255	93		104		108		108		110	
Q2289-01	SP-1	1259	105		129		131	*	119		127	
Q2289-02	SP-2	1302	101		121		121		118		121	
Q2289-03	SP-3	1305	104		136	*	138	*	115		121	
PB168510BL	PB168510BL	1308	90		104		108		106		107	
CCV2	CCV2	1312	93		106		107		101		107	
CCB2	CCB2	1315	95		104		104		104		105	
PB168510BS	PB168510BS	1318	97		106		108		105		109	
Q2289-02DUP	SP-2DUP	1321	105		120		123		118		122	
Q2289-02L	SP-2L	1324	94		105		108		108		109	
Q2289-02MS	SP-2MS	1327	103		118		122		115		120	
Q2289-02MSD	SP-2MSD	1330	105		116		120		114		120	
Q2289-02A	SP-2A	1333	104		116		120		114		120	
Q2289-01	SP-1	1336	98		108		112		109		113	
Q2289-02	SP-2	1339	97		108		112		111		113	
Q2289-03	SP-3	1343	99		112		115		110		112	
CCV3	CCV3	1349	94		104		106		99		107	
CCB3	CCB3	1352	98		105		106		105		108	
Q2289-02DUP	SP-2DUP	1358	100		108		111		110		114	
Q2289-02L	SP-2L	1401	95		103		107		106		109	
Q2289-02MS	SP-2MS	1404	100		109		112		109		112	

Internal Standard %RI Limit: 70 - 130

FORM 8A

ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Client: ATG-GREENVILLE AEC

Contract: ATGG01

Lab Code: CHEM Case no.: Q2289

Sas No.: Q2289 SDG No.: Q2289

Instrument ID: P7

Start Date : 06/18/2025

Run Number: LB136195

End Date : 06/18/2025

Lab SampleID	Client SampleID	Time	Internal Standard %RI For: Non-Collision Cell									
			Element 6Li	Q	Element 45Sc	Q	Element 89Y	Q	Element 103Rh	Q	Element 159Tb	Q
Q2289-02MSD	SP-2MSD	1407	100		108		110		109		114	
Q2289-02A	SP-2A	1411	100		107		112		109		113	
CCV4	CCV4	1415	97		104		105		99		107	
CCB4	CCB4	1418	98		106		107		107		107	

FORM 8A

ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Client: ATG-GREENVILLE AEC

Contract: ATGG01

Lab Code: CHEM Case no.: Q2289

Sas No.: Q2289 SDG No.: Q2289

Instrument ID: P7

Start Date : 06/18/2025

Run Number: LB136195

End Date : 06/18/2025

Lab SampleID	Client SampleID	Time	Internal Standard %RI For: Collision Cell									
			Element 45Sc	Q	Element 89Y	Q	Element 103Rh	Q	Element 159Tb	Q	Element 165Ho	Q
S0	S0	1114	100		100		100		100		100	
S2	S2	1118	100		101		100		102		101	
S3	S3	1124	102		101		101		103		102	
S4	S4	1131	100		101		99		104		103	
S5	S5	1134	100		100		99		103		102	
S6	S6	1137	103		102		103		107		106	
S7	S7	1140	104		104		100		107		105	
S8	S8	1143	105		104		95		105		104	
ICV1	ICV1	1201	104		105		112		106		106	
LLICV1	LLICV1	1208	103		104		112		107		105	
ICB1	ICB1	1213	102		104		111		105		106	
ICSA1	ICSA1	1230	102		102		99		106		105	
ICSAB1	ICSAB1	1245	104		105		107		107		108	
CCV1	CCV1	1248	105		108		103		109		108	
CCB1	CCB1	1251	103		105		114		107		106	
CRI	CRI	1255	103		104		116		108		106	
Q2289-01	SP-1	1259	126		139	*	126		122		120	
Q2289-02	SP-2	1302	116		125		124		117		117	
Q2289-03	SP-3	1305	130		144	*	120		119		117	
PB168510BL	PB168510BL	1308	101		104		112		105		104	
CCV2	CCV2	1312	104		107		102		107		105	
CCB2	CCB2	1315	101		105		106		105		103	
PB168510BS	PB168510BS	1318	104		105		108		107		106	
Q2289-02DUP	SP-2DUP	1321	116		126		124		118		116	
Q2289-02L	SP-2L	1324	104		107		116		108		107	
Q2289-02MS	SP-2MS	1327	115		125		122		117		115	
Q2289-02MSD	SP-2MSD	1330	114		123		119		115		114	
Q2289-02A	SP-2A	1333	115		124		120		116		114	
Q2289-01	SP-1	1336	108		118		118		111		108	
Q2289-02	SP-2	1339	107		113		120		111		109	
Q2289-03	SP-3	1343	109		120		117		110		109	
CCV3	CCV3	1349	104		103		98		106		104	
CCB3	CCB3	1352	102		103		109		107		104	
Q2289-02DUP	SP-2DUP	1358	107		114		118		111		110	
Q2289-02L	SP-2L	1401	104		108		117		108		105	
Q2289-02MS	SP-2MS	1404	106		116		117		113		108	

Internal Standard %RI Limit: 70 - 130

FORM 8A

ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Client: ATG-GREENVILLE AEC

Contract: ATGG01

Lab Code: CHEM Case no.: Q2289

Sas No.: Q2289 SDG No.: Q2289

Instrument ID: P7

Start Date : 06/18/2025

Run Number: LB136195

End Date : 06/18/2025

Lab SampleID	Client SampleID	Time	Internal Standard %RI For: Collision Cell									
			Element 45Sc	Q	Element 89Y	Q	Element 103Rh	Q	Element 159Tb	Q	Element 165Ho	Q
Q2289-02MSD	SP-2MSD	1407	106		114		117		111		109	
Q2289-02A	SP-2A	1411	105		106		116		110		108	
CCV4	CCV4	1415	102		102		97		106		104	
CCB4	CCB4	1418	102		103		115		107		105	

FORM 8B

ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Lab Name: ATG-GREENVILLE AEC
Lab Code: CHEM Case no.: Q2289
Instrument ID: P7
Run Number: LB136195

Contract: ATGG01
Sas No.: Q2289 SDG No.: Q2289
Start Date : 06/18/2025
End Date : 06/18/2025

Lab SampleID	Client SampleID	Time	Internal Standard %RI For: Non-Collision Cell									
			Element 165Ho	Q	Element 209Bi	Q	Element	Q	Element	Q	Element	Q
S0	S0	1114	100		100							
S2	S2	1118	101		102							
S3	S3	1124	101		100							
S4	S4	1131	103		105							
S5	S5	1134	102		102							
S6	S6	1137	103		105							
S7	S7	1140	104		106							
S8	S8	1143	104		95							
ICV1	ICV1	1201	102		103							
LLICV1	LLICV1	1208	100		102							
ICB1	ICB1	1213	101		101							
ICSA1	ICSA1	1230	108		104							
ICSAB1	ICSAB1	1245	110		106							
CCV1	CCV1	1248	111		103							
CCB1	CCB1	1251	107		109							
CRI	CRI	1255	108		109							
Q2289-01	SP-1	1259	125		119							
Q2289-02	SP-2	1302	123		118							
Q2289-03	SP-3	1305	120		114							
PB168510BL	PB168510BL	1308	107		105							
CCV2	CCV2	1312	108		102							
CCB2	CCB2	1315	105		106							
PB168510BS	PB168510BS	1318	109		109							
Q2289-02DUP	SP-2DUP	1321	122		119							
Q2289-02L	SP-2L	1324	106		104							
Q2289-02MS	SP-2MS	1327	119		118							
Q2289-02MSD	SP-2MSD	1330	120		118							
Q2289-02A	SP-2A	1333	118		118							
Q2289-01	SP-1	1336	111		110							
Q2289-02	SP-2	1339	112		111							
Q2289-03	SP-3	1343	111		110							
CCV3	CCV3	1349	106		101							
CCB3	CCB3	1352	106		107							
Q2289-02DUP	SP-2DUP	1358	112		113							

Internal Standard %RI Limit: 70 -130

FORM 8B

ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Lab Name: ATG-GREENVILLE AEC

Contract: ATGG01

Lab Code: CHEM Case no.: Q2289

Sas No.: Q2289 SDG No.: Q2289

Instrument ID: P7

Start Date : 06/18/2025

Run Number: LB136195

End Date : 06/18/2025

Lab SampleID	Client SampleID	Time	Internal Standard %RI For: Non-Collision Cell									
			Element 165Ho	Q	Element 209Bi	Q	Element	Q	Element	Q	Element	Q
Q2289-02L	SP-2L	1401	108		108							
Q2289-02MS	SP-2MS	1404	112		113							
Q2289-02MSD	SP-2MSD	1407	112		114							
Q2289-02A	SP-2A	1411	111		112							
CCV4	CCV4	1415	106		102							
CCB4	CCB4	1418	107		107							

FORM 8B

ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Lab Name: ATG-GREENVILLE AEC
Lab Code: CHEM Case no.: Q2289
Instrument ID: P7
Run Number: LB136195

Contract: ATGG01
Sas No.: Q2289 SDG No.: Q2289
Start Date : 06/18/2025
End Date : 06/18/2025

Lab SampleID	Client SampleID	Time	Internal Standard %RI For: Collision Cell									
			Element 209Bi	Q	Element	Q	Element	Q	Element	Q	Element	Q
S0	S0	1114	100									
S2	S2	1118	101									
S3	S3	1124	102									
S4	S4	1131	102									
S5	S5	1134	102									
S6	S6	1137	103									
S7	S7	1140	102									
S8	S8	1143	94									
ICV1	ICV1	1201	105									
LLICV1	LLICV1	1208	109									
ICB1	ICB1	1213	103									
ICSA1	ICSA1	1230	101									
ICSAB1	ICSAB1	1245	104									
CCV1	CCV1	1248	101									
CCB1	CCB1	1251	110									
CRI	CRI	1255	114									
Q2289-01	SP-1	1259	130									
Q2289-02	SP-2	1302	128									
Q2289-03	SP-3	1305	127									
PB168510BL	PB168510BL	1308	107									
CCV2	CCV2	1312	98									
CCB2	CCB2	1315	102									
PB168510BS	PB168510BS	1318	103									
Q2289-02DUP	SP-2DUP	1321	130									
Q2289-02L	SP-2L	1324	105									
Q2289-02MS	SP-2MS	1327	125									
Q2289-02MSD	SP-2MSD	1330	124									
Q2289-02A	SP-2A	1333	125									
Q2289-01	SP-1	1336	107									
Q2289-02	SP-2	1339	120									
Q2289-03	SP-3	1343	120									
CCV3	CCV3	1349	96									
CCB3	CCB3	1352	103									
Q2289-02DUP	SP-2DUP	1358	119									

Internal Standard %RI Limit: 70 -130

FORM 8B

ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Lab Name: ATG-GREENVILLE AEC

Contract: ATGG01

Lab Code: CHEM Case no.: Q2289

Sas No.: Q2289 SDG No.: Q2289

Instrument ID: P7

Start Date : 06/18/2025

Run Number: LB136195

End Date : 06/18/2025

Lab SampleID	Client SampleID	Time	Internal Standard %RI For: Collision Cell									
			Element 209Bi	Q	Element	Q	Element	Q	Element	Q	Element	Q
Q2289-02L	SP-2L	1401	111									
Q2289-02MS	SP-2MS	1404	118									
Q2289-02MSD	SP-2MSD	1407	124									
Q2289-02A	SP-2A	1411	111									
CCV4	CCV4	1415	97									
CCB4	CCB4	1418	104									

Metals

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ICP SERIAL DILUTIONS

SAMPLE NO.

SP-2L

Lab Name: Chemtech Consulting Group

Contract: ATGG01

Lab Code: CHEM **Lb No.:** lb136195

Lab Sample ID : Q2289-02L **SDG No.:** Q2289

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
Copper	59.5		60.7		2		P
Lead	25.5		25.3		1		P
Zinc	167		172		3		P



METAL PREPARATION & INSTRUMENT DATA



METAL PREPARATION & ANALYICAL SUMMARY

Metals

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SAMPLE PREPARATION SUMMARY

Client: ATG-GREENVILLE AEC **SDG No.:** Q2289
Contract: ATGG01 **Lab Code:** CHEM **Method:**
Case No.: Q2289 **SAS No.:** Q2289

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
Batch Number: PB168510							
PB168510BL	PB168510BL	MB	WATER	06/17/2025	50.0	50.0	
PB168510BS	PB168510BS	LCS	WATER	06/17/2025	50.0	50.0	
Q2289-01	SP-1	SAM	WATER	06/17/2025	50.0	50.0	
Q2289-02	SP-2	SAM	WATER	06/17/2025	50.0	50.0	
Q2289-02DUP	SP-2DUP	DUP	WATER	06/17/2025	50.0	50.0	
Q2289-02MS	SP-2MS	MS	WATER	06/17/2025	50.0	50.0	
Q2289-02MSD	SP-2MSD	MSD	WATER	06/17/2025	50.0	50.0	
Q2289-03	SP-3	SAM	WATER	06/17/2025	50.0	50.0	

metals
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ANALYSIS RUN LOG

Client: ATG-GREENVILLE AEC **Contract:** ATGG01

Lab code: CHEM **Case no.:** Q2289 **Sas no.:** Q2289 **Sdg no.:** Q2289

Instrument id number: **Method:** **Run number:** LB136195

Start date: 06/18/2025 **End date:** 06/18/2025

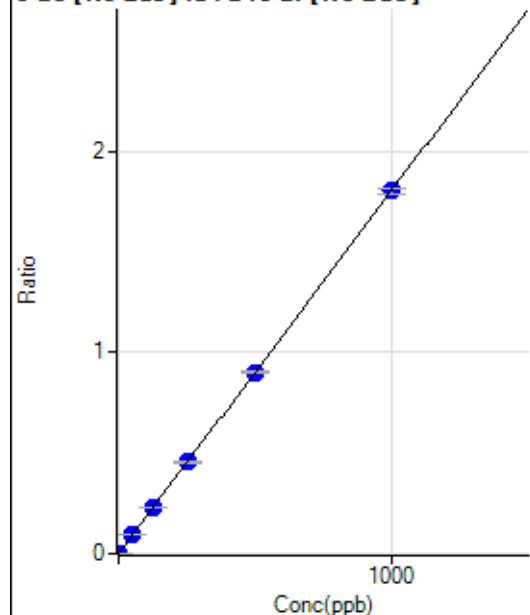
Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1114	Cu,Pb,Zn
S2	S2	1	1118	Cu,Pb,Zn
S3	S3	1	1124	Cu,Pb,Zn
S4	S4	1	1131	Cu,Pb,Zn
S5	S5	1	1134	Cu,Pb,Zn
S6	S6	1	1137	Cu,Pb,Zn
S7	S7	1	1140	Cu,Pb,Zn
S8	S8	1	1143	,
ICV1	ICV1	1	1201	Cu,Pb,Zn
LLICV1	LLICV1	1	1208	Cu,Pb,Zn
ICB1	ICB1	1	1213	Cu,Pb,Zn
ICSA1	ICSA1	1	1230	Cu,Pb,Zn
ICSAB1	ICSAB1	1	1245	Cu,Pb,Zn
CCV1	CCV1	1	1248	Cu,Pb,Zn
CCB1	CCB1	1	1251	Cu,Pb,Zn
CRI	CRI	1	1255	Cu,Pb,Zn
Q2289-01	SP-1	1	1259	Cu,Pb,Zn
Q2289-02	SP-2	1	1302	Cu,Pb,Zn
Q2289-03	SP-3	1	1305	Cu,Pb,Zn
PB168510BL	PB168510BL	1	1308	Cu,Pb,Zn
CCV2	CCV2	1	1312	Cu,Pb,Zn
CCB2	CCB2	1	1315	Cu,Pb,Zn
PB168510BS	PB168510BS	1	1318	Cu,Pb,Zn
Q2289-02DUP	SP-2DUP	1	1321	Cu,Pb,Zn
Q2289-02L	SP-2L	5	1324	Cu,Pb,Zn
Q2289-02MS	SP-2MS	1	1327	Cu,Pb,Zn
Q2289-02MSD	SP-2MSD	1	1330	Cu,Pb,Zn
CCV3	CCV3	1	1349	Cu,Pb,Zn
CCB3	CCB3	1	1352	Cu,Pb,Zn
CCV4	CCV4	1	1415	Cu,Pb,Zn
CCB4	CCB4	1	1418	Cu,Pb,Zn



METAL RAW DATA

Batch Folder: D:\Agilent\ICPMH\1\DATA\p7061825ms.b\
Analysis File: p7061825ms.batch.bin
DA Date-Time: 2025-06-18 14:28:56
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	005CALB.d	S00	2025-06-18 11:14:48
2	006CALS.d	S02	2025-06-18 11:18:13
3	008CALS.d	S03	2025-06-18 11:24:58
4	010CALS.d	S04	2025-06-18 11:31:33
5	011CALS.d	S05	2025-06-18 11:34:48
6	012CALS.d	S06	2025-06-18 11:37:51
7	013CALS.d	S07	2025-06-18 11:40:43
8	014CALS.d	S08	2025-06-18 11:43:33

9 Be [No Gas] ISTD:6 Li [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	14.44	0.0001	P	81.3
2	☐	1.000	1.159	518.90	0.0021	P	5.6
3	☐	50.000	52.711	23664.82	0.0951	P	2.1
4	☐	125.000	125.894	57479.29	0.2270	P	0.8
5	☐	250.000	251.886	113494.78	0.4541	P	1.1
6	☐	500.000	499.568	224725.56	0.9006	P	0.6
7	☐	1000.000	999.497	447796.83	1.8019	P	1.4
8	☐			84.45	0.0003	P	9.5

$$y = 0.0018 * x + 5.9973E-005$$

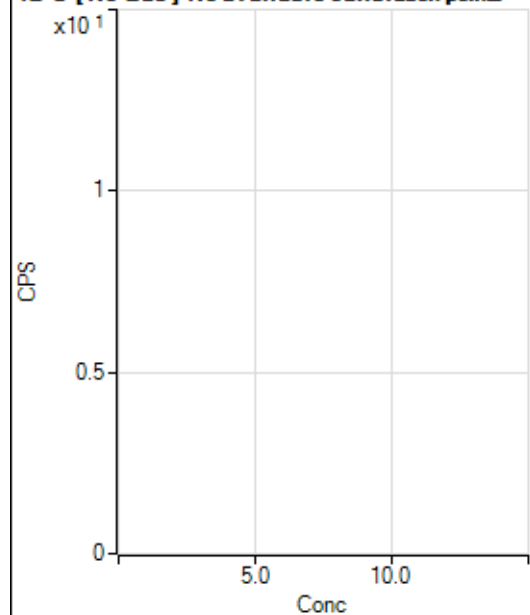
$$R = 1.0000$$

$$DL = 0.08111$$

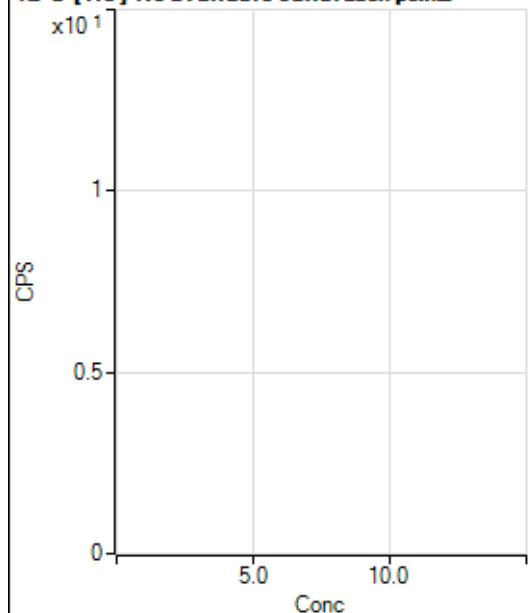
$$BEC = 0.03327$$

Weight: <None>

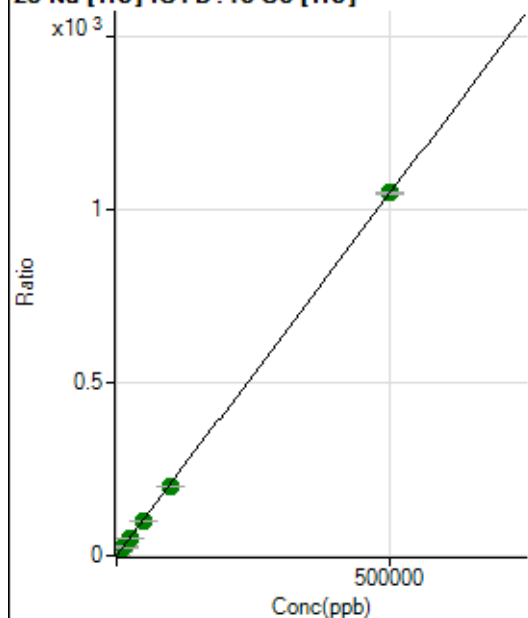
Min Conc: 0

12 C [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

23 Na [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	11160.78	0.0906	P	2.8
2	☐	500.000	475.690	133959.47	1.0837	P	0.6
3	☐	5000.000	4927.083	1304495.04	10.3763	A	2.1
4	☐	12500.000	11940.038	3094620.37	25.0163	A	1.8
5	☐	25000.000	24220.818	6254279.42	50.6534	A	0.1
6	☐	50000.000	48231.816	12731855.37	100.7781	A	1.4
7	☐	100000.00	95037.686	25513549.06	198.4889	A	0.7
8	☐	500000.00	501222.99	135243530.2	1,046.431	A	0.9

$$y = 0.0021 * x + 0.0906$$

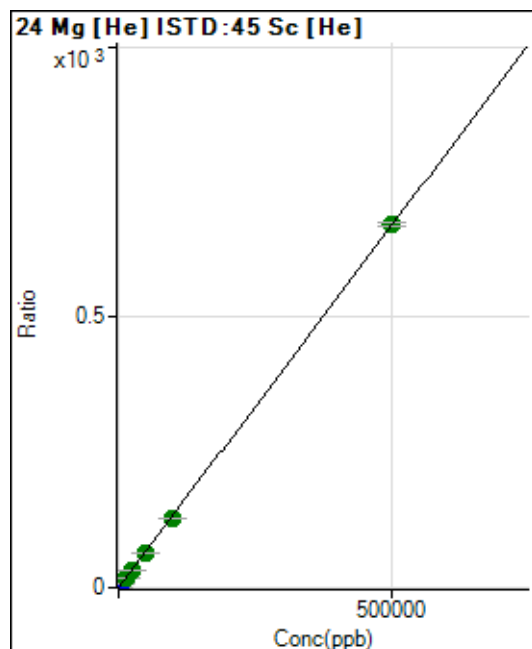
$$R = 0.9999$$

$$DL = 3.633$$

$$BEC = 43.41$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	120.00	0.0010	P	36.2
2	☐	500.000	472.716	78393.27	0.6342	P	1.4
3	☐	5000.000	4621.207	778401.47	6.1913	P	0.4
4	☐	12500.000	12290.109	2036725.31	16.4642	A	3.0
5	☐	25000.000	24511.588	4054239.14	32.8355	A	0.5
6	☐	50000.000	48263.567	8168064.88	64.6526	A	0.4
7	☐	100000.00	95886.803	16510239.06	128.4464	A	1.2
8	☐	500000.00	501029.76	86741802.04	671.1569	A	1.0

$$y = 0.0013 * x + 9.7441E-004$$

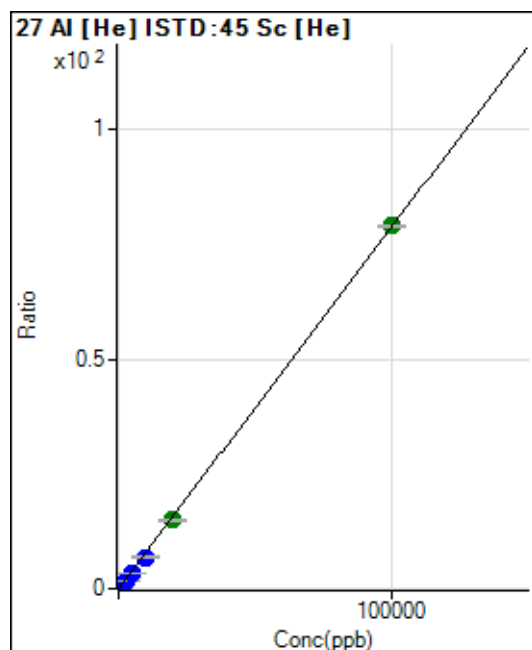
$$R = 1.0000$$

$$DL = 0.7894$$

$$BEC = 0.7274$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	360.01	0.0029	P	7.3
2	☐	20.000	20.677	2373.54	0.0192	P	5.4
3	☐	1000.000	918.362	91298.45	0.7262	P	0.7
4	☐	2500.000	2216.441	216316.60	1.7485	P	1.4
5	☐	5000.000	4427.341	430881.07	3.4897	P	0.2
6	☐	10000.000	8744.766	870452.55	6.8899	P	0.9
7	☐	20000.000	19068.075	1930737.33	15.0201	A	2.1
8	☐	100000.00	100348.44	10214416.79	79.0331	A	0.4

$$y = 7.8756E-004 * x + 0.0029$$

$$R = 0.9999$$

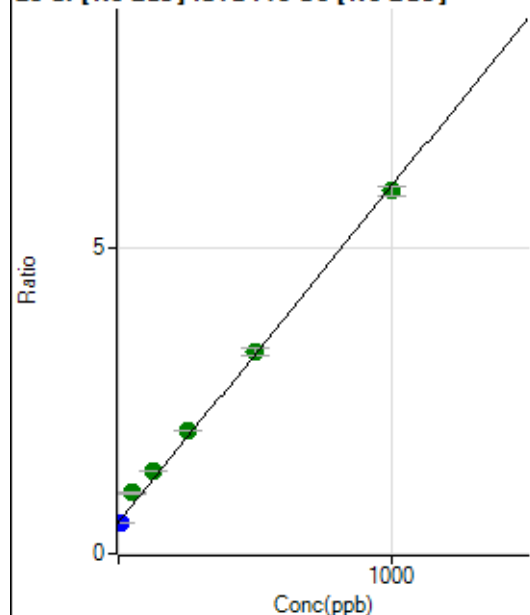
$$DL = 0.8164$$

$$BEC = 3.711$$

Weight: <None>

Min Conc: 0

28 Si [No Gas] ISTD :45 Sc [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	764534.68	0.5126	P	1.4
2	☐	10.000	0.143	765317.56	0.5134	P	1.3
3	☐	50.000	87.101	1490092.84	0.9912	A	1.2
4	☐	125.000	150.784	1987414.55	1.3412	A	0.7
5	☐	250.000	274.508	2925498.47	2.0211	A	0.5
6	☐	500.000	506.857	4874294.68	3.2979	A	3.3
7	☐	1000.000	985.465	8852421.26	5.9280	A	2.7
8	☐			754182.20	0.4946	P	1.3

$$y = 0.0055 * x + 0.5126$$

$$R = 0.9988$$

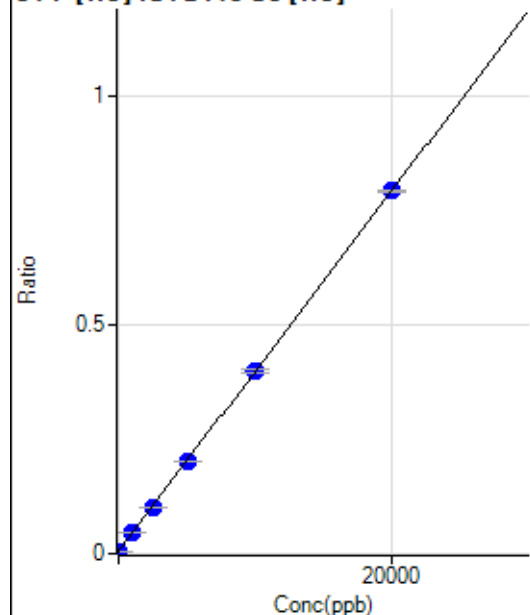
$$DL = 3.888$$

$$BEC = 93.28$$

Weight: <None>

Min Conc: 0

31 P [He] ISTD :45 Sc [He]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-17.404	564.46	0.0046	P	8.3
2	☐	0.000	17.404	735.58	0.0060	P	4.0
3	☐	1000.000	1059.473	5901.20	0.0469	P	3.2
4	☐	2500.000	2439.760	12521.87	0.1012	P	3.2
5	☐	5000.000	4990.208	24887.05	0.2016	P	0.3
6	☐	10000.000	9998.735	50353.97	0.3986	P	1.6
7	☐	20000.000	20007.637	101836.92	0.7923	P	0.8
8	☐			580.02	0.0045	P	2.5

$$y = 3.9336E-005 * x + 0.0053$$

$$R = 1.0000$$

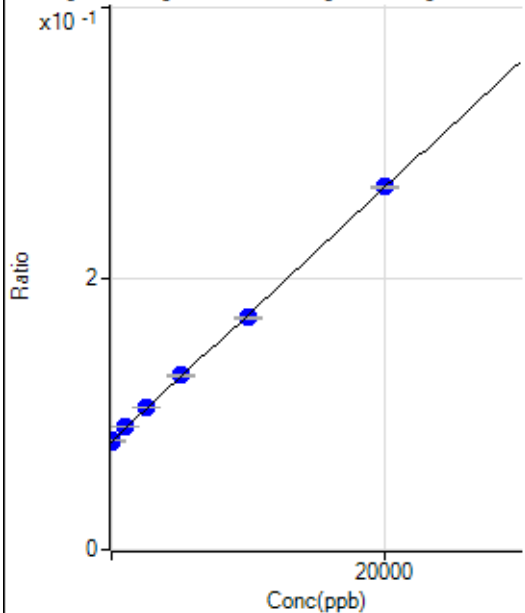
$$DL = 23.69$$

$$BEC = 133.9$$

Weight: <None>

Min Conc: 0

34 S [No Gas] ISTD:45 Sc [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-67.937	118715.12	0.0796	P	0.8
2	☐	0.000	67.937	120544.06	0.0809	P	1.3
3	☐	1000.000	1177.938	137187.95	0.0913	P	0.7
4	☐	2500.000	2633.607	155441.18	0.1049	P	0.8
5	☐	5000.000	5182.824	186394.06	0.1288	P	1.7
6	☐	10000.000	9768.743	253877.43	0.1717	P	0.9
7	☐	20000.000	20044.324	400181.09	0.2680	P	0.7
8	☐			100241.54	0.0657	P	2.3

y = 9.3686E-006 * x + 0.0802

R = 0.9998

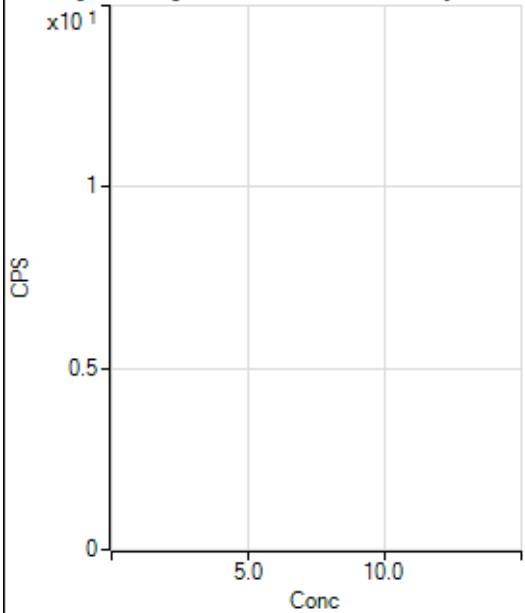
DL = 261.4

BEC = 8563

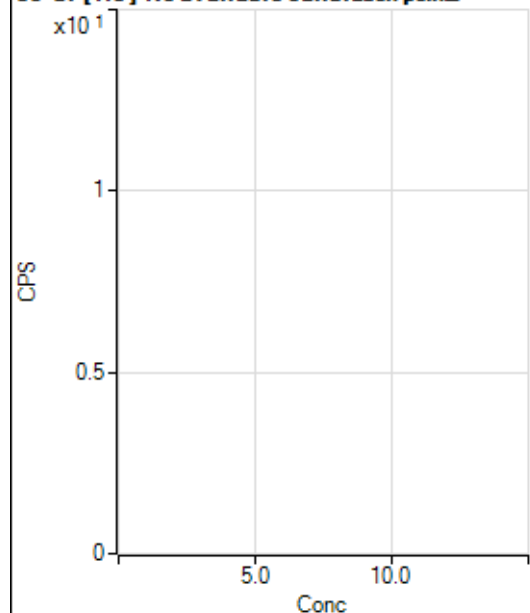
Weight: <None>

Min Conc: 0

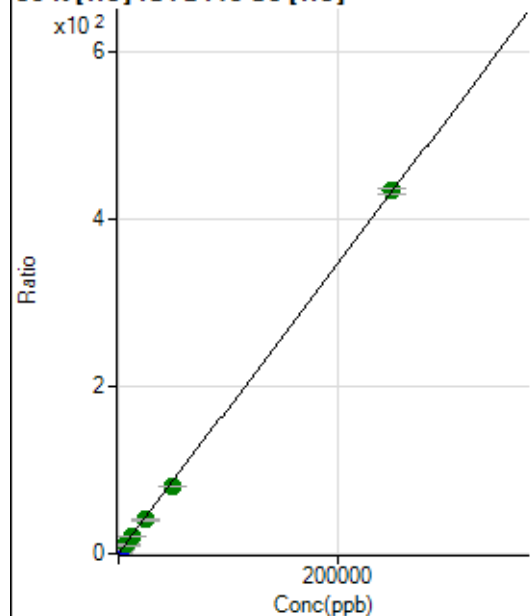
35 Cl [No Gas] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

39 K [He] ISTD :45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	44743.33	0.3633	P	0.3
2	☐	500.000	484.509	148357.03	1.2001	P	0.6
3	☐	2500.000	2298.635	544840.36	4.3336	P	0.4
4	☐	6250.000	5813.510	1287304.57	10.4046	A	1.7
5	☐	12500.000	11579.395	2514306.63	20.3637	A	1.1
6	☐	25000.000	23115.119	5089930.13	40.2886	A	0.9
7	☐	50000.000	46574.203	10386890.68	80.8081	A	0.2
8	☐	250000.00	250932.63	56063706.94	433.7839	A	1.7

$$y = 0.0017 * x + 0.3633$$

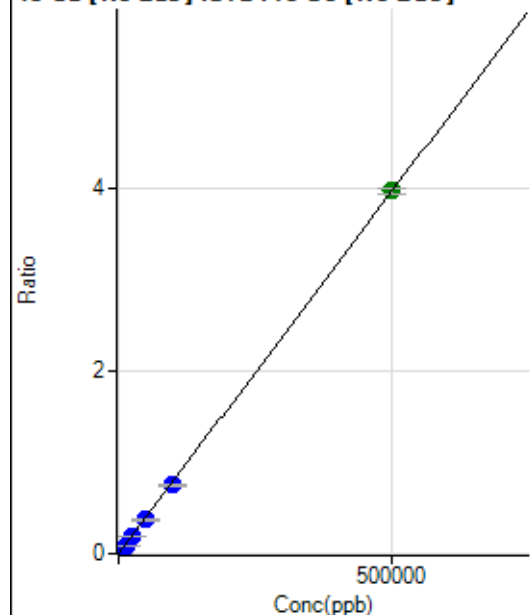
$$R = 0.9999$$

$$DL = 1.699$$

$$BEC = 210.3$$

Weight: <None>

Min Conc: 0

43 Ca [No Gas] ISTD:45 Sc [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	474.46	0.0003	P	10.2
2	☐	500.000	480.373	6137.96	0.0041	P	3.2
3	☐	5000.000	4776.896	57272.09	0.0381	P	0.2
4	☐	12500.000	11505.446	135315.07	0.0913	P	1.1
5	☐	25000.000	23408.937	268460.28	0.1855	P	0.8
6	☐	50000.000	46585.091	545059.03	0.3688	P	2.4
7	☐	100000.00	94627.881	1118032.23	0.7487	P	0.8
8	☐	500000.00	501522.58	6048148.38	3.9670	A	1.9

$$y = 7.9092\text{E-}006 * x + 3.1831\text{E-}004$$

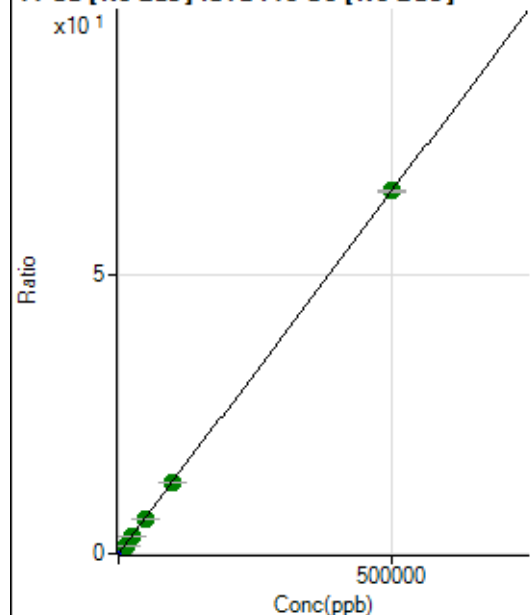
$$R = 0.9999$$

$$DL = 12.36$$

$$BEC = 40.25$$

Weight: <None>

Min Conc: 0

44 Ca [No Gas] ISTD:45 Sc [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	7247.35	0.0049	P	1.0
2	☐	500.000	499.510	104173.84	0.0699	P	0.7
3	☐	5000.000	4750.374	936841.27	0.6232	P	0.3
4	☐	12500.000	11792.876	2281937.93	1.5399	A	1.1
5	☐	25000.000	24159.322	4558850.87	3.1497	A	1.5
6	☐	50000.000	47603.187	9166483.68	6.2014	A	1.8
7	☐	100000.00	98045.629	19064330.83	12.7675	A	0.2
8	☐	500000.00	500692.76	99382054.08	65.1805	A	0.5

$$y = 1.3017\text{E-}004 * x + 0.0049$$

$$R = 1.0000$$

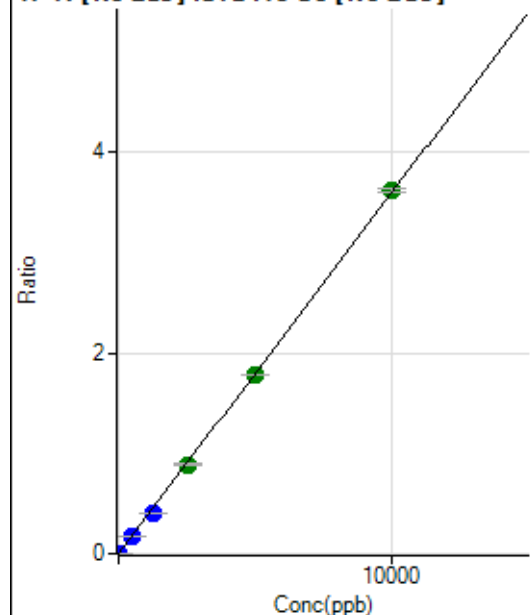
$$DL = 1.106$$

$$BEC = 37.32$$

Weight: <None>

Min Conc: 0

47 Ti [No Gas] ISTD :45 Sc [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	53.33	0.0000	P	43.2
2	☐	5.000	4.806	2630.25	0.0018	P	5.8
3	☐	500.000	465.284	251677.01	0.1674	P	0.9
4	☐	1250.000	1118.129	596111.28	0.4023	P	0.9
5	☐	2500.000	2459.760	1280834.55	0.8849	A	1.6
6	☐	5000.000	4942.505	2628518.19	1.7781	A	0.5
7	☐	10000.000	10057.028	5402692.80	3.6181	A	1.0
8	☐			360.01	0.0002	P	14.8

$$y = 3.5975E-004 * x + 3.5664E-005$$

$$R = 0.9999$$

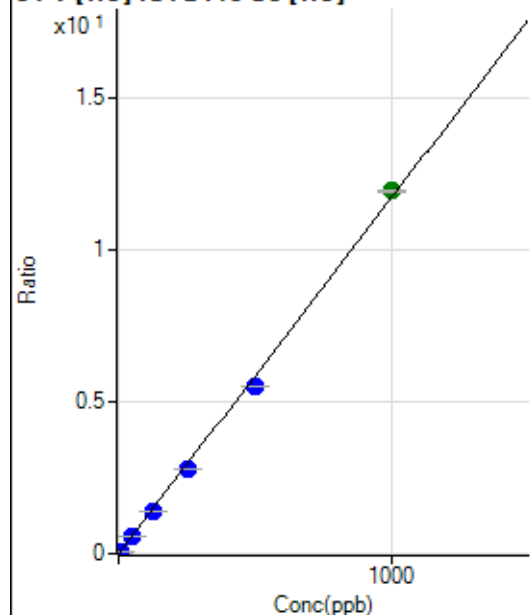
$$DL = 0.1285$$

$$BEC = 0.09913$$

Weight: <None>

Min Conc: 0

51 V [He] ISTD :45 Sc [He]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	8.89	0.0001	P	21.6
2	☐	5.000	5.152	7470.81	0.0604	P	1.3
3	☐	50.000	48.870	71995.14	0.5727	P	1.0
4	☐	125.000	117.510	170340.86	1.3769	P	0.8
5	☐	250.000	236.353	341931.34	2.7693	P	0.8
6	☐	500.000	470.398	696307.86	5.5115	P	0.6
7	☐	1000.000	1019.205	1534942.15	11.9416	A	0.4
8	☐			488.90	0.0038	P	8.3

$$y = 0.0117 * x + 7.2172E-005$$

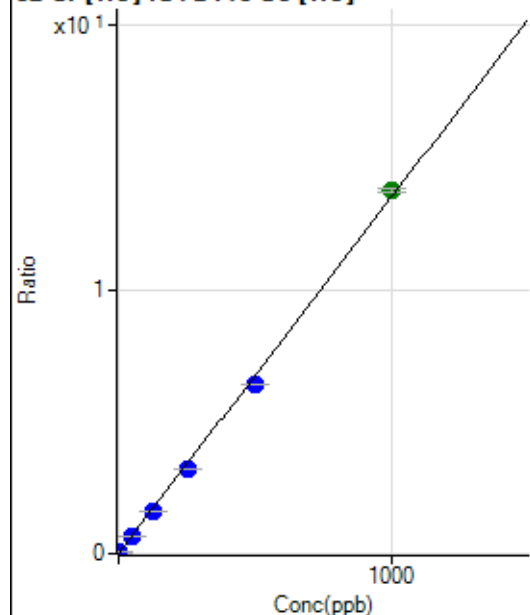
$$R = 0.9992$$

$$DL = 0.003988$$

$$BEC = 0.00616$$

Weight: <None>

Min Conc: 0

52 Cr [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1112.28	0.0090	P	3.1
2	☐	2.000	2.155	4710.78	0.0381	P	2.6
3	☐	50.000	48.963	84184.44	0.6696	P	0.5
4	☐	125.000	117.643	197474.70	1.5962	P	0.8
5	☐	250.000	237.425	396614.90	3.2122	P	1.0
6	☐	500.000	473.093	807512.64	6.3917	P	0.5
7	☐	1000.000	1017.569	1765751.83	13.7375	A	0.9
8	☐			3479.32	0.0269	P	3.8

$$y = 0.0135 * x + 0.0090$$

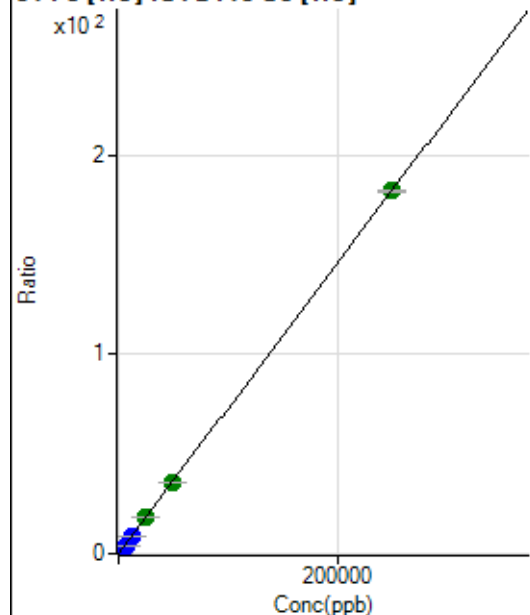
$$R = 0.9994$$

$$DL = 0.06172$$

$$BEC = 0.6693$$

Weight: <None>

Min Conc: 0

54 Fe [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2161.29	0.0175	P	5.9
2	☐	50.000	50.007	6667.09	0.0539	P	3.7
3	☐	2500.000	2454.107	226784.79	1.8038	P	0.4
4	☐	6250.000	5890.439	532603.84	4.3050	P	0.9
5	☐	12500.000	11877.346	1069612.74	8.6628	P	0.3
6	☐	25000.000	24642.464	2268288.70	17.9541	A	0.5
7	☐	50000.000	49401.778	4624158.58	35.9758	A	1.0
8	☐	250000.00	250195.97	23538713.81	182.1285	A	0.3

$$y = 7.2787E-004 * x + 0.0175$$

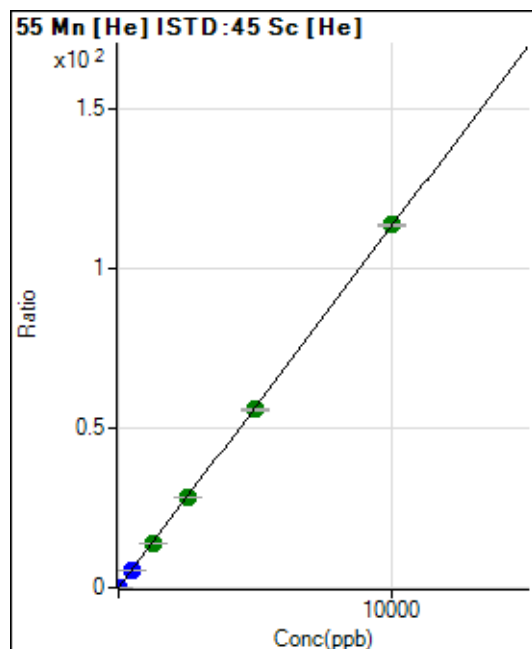
$$R = 1.0000$$

$$DL = 4.274$$

$$BEC = 24.11$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1167.84	0.0095	P	3.2
2	☐	1.000	0.949	2499.12	0.0202	P	3.8
3	☐	500.000	474.370	675940.00	5.3765	P	0.6
4	☐	1250.000	1225.698	1716650.96	13.8769	A	1.8
5	☐	2500.000	2491.799	3482113.42	28.2015	A	0.3
6	☐	5000.000	4929.620	7047431.15	55.7828	A	0.8
7	☐	10000.000	10041.559	14604246.59	113.6189	A	0.5
8	☐			7176.21	0.0555	P	2.2

$$y = 0.0113 * x + 0.0095$$

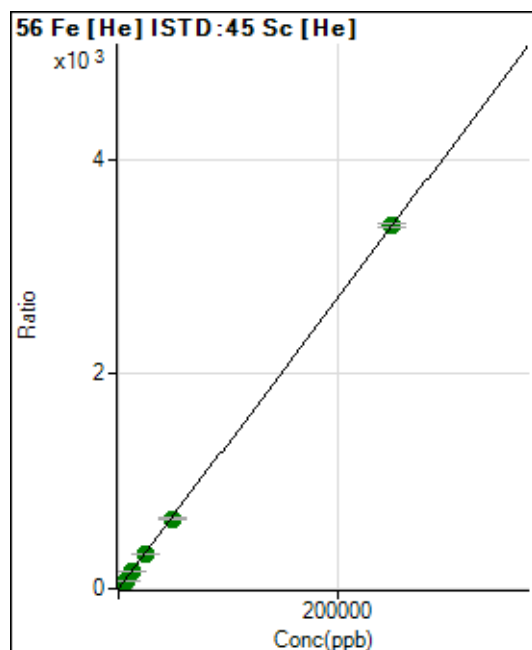
$$R = 1.0000$$

$$DL = 0.0812$$

$$BEC = 0.8381$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	17385.72	0.1412	P	1.1
2	☐	50.000	50.371	101513.25	0.8212	P	1.2
3	☐	2500.000	2494.969	4252383.93	33.8258	A	3.3
4	☐	6250.000	5933.921	9929255.48	80.2553	A	0.4
5	☐	12500.000	12097.457	20183918.87	163.4695	A	0.1
6	☐	25000.000	24212.401	41316014.11	327.0339	A	1.4
7	☐	50000.000	48363.727	83950085.97	653.1020	A	0.9
8	☐	250000.00	250434.09	437001544.6	3,381.263	A	1.0

$$y = 0.0135 * x + 0.1412$$

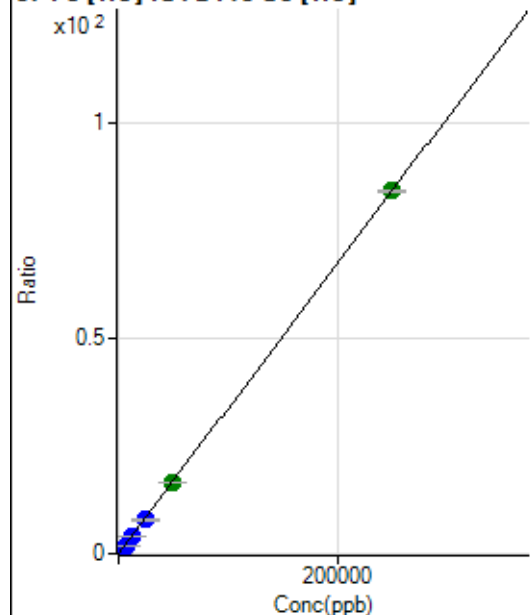
$$R = 1.0000$$

$$DL = 0.3515$$

$$BEC = 10.46$$

Weight: <None>

Min Conc: 0

57 Fe [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1148.94	0.0093	P	3.6
2	☐	50.000	53.017	3355.97	0.0271	P	5.8
3	☐	2500.000	2413.427	103140.36	0.8204	P	0.2
4	☐	6250.000	5785.509	241680.92	1.9536	P	1.0
5	☐	12500.000	11758.141	489028.20	3.9607	P	0.9
6	☐	25000.000	23226.095	987261.53	7.8145	P	0.7
7	☐	50000.000	49026.995	2118898.11	16.4850	A	1.2
8	☐	250000.00	250421.56	10877556.23	84.1641	A	0.5

$$y = 3.3605E-004 * x + 0.0093$$

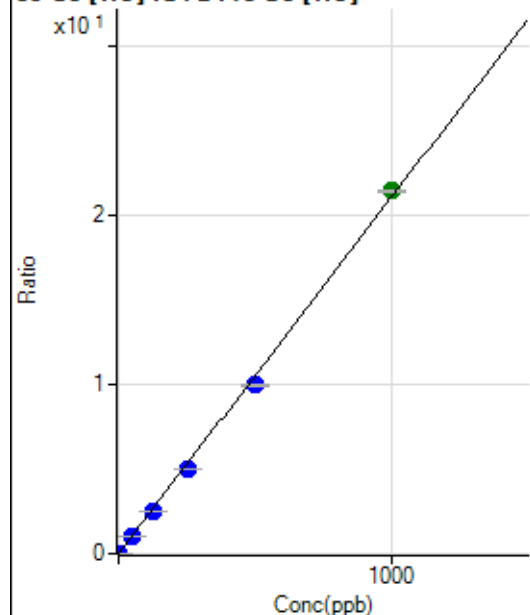
$$R = 1.0000$$

$$DL = 3.034$$

$$BEC = 27.76$$

Weight: <None>

Min Conc: 0

59 Co [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	48.89	0.0004	P	20.9
2	☐	1.000	1.082	2865.86	0.0232	P	3.3
3	☐	50.000	49.251	130424.88	1.0374	P	1.5
4	☐	125.000	118.944	309907.99	2.5049	P	0.9
5	☐	250.000	238.174	619266.99	5.0155	P	0.6
6	☐	500.000	472.362	1256627.99	9.9466	P	0.8
7	☐	1000.000	1017.570	2754180.34	21.4268	A	0.5
8	☐			4602.97	0.0356	P	1.7

$$y = 0.0211 * x + 3.9698E-004$$

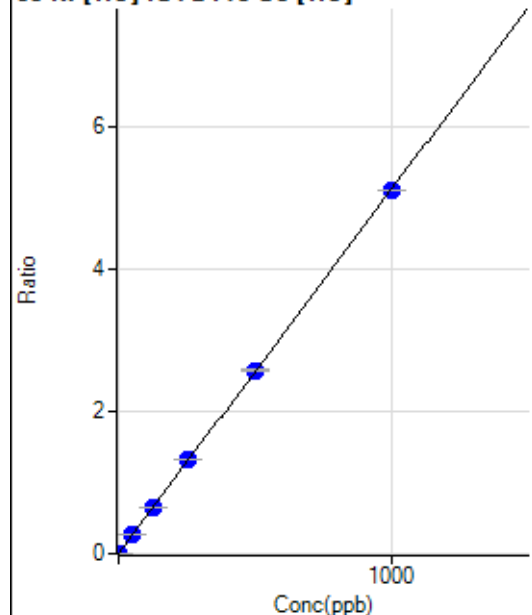
$$R = 0.9994$$

$$DL = 0.01182$$

$$BEC = 0.01885$$

Weight: <None>

Min Conc: 0

60 Ni [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	341.12	0.0028	P	13.2
2	☐	1.000	1.072	1021.16	0.0083	P	1.8
3	☐	50.000	52.547	34206.84	0.2721	P	1.3
4	☐	125.000	127.309	81064.46	0.6553	P	1.2
5	☐	250.000	257.053	163015.05	1.3203	P	0.4
6	☐	500.000	503.837	326598.35	2.5851	P	0.4
7	☐	1000.000	995.902	656459.74	5.1071	P	0.1
8	☐			1936.81	0.0150	P	1.6

$$y = 0.0051 * x + 0.0028$$

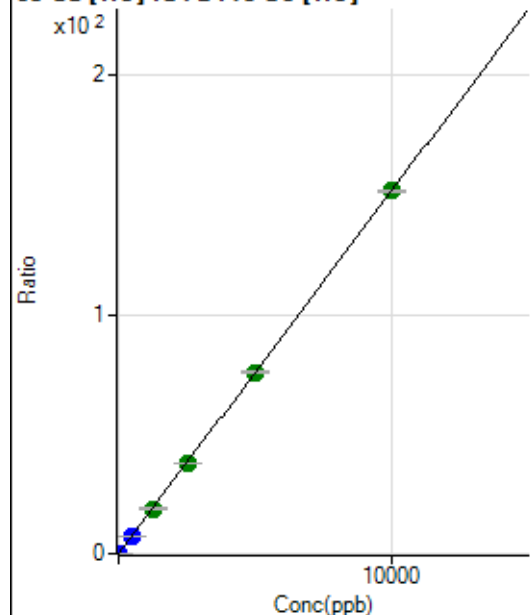
$$R = 1.0000$$

$$DL = 0.2139$$

$$BEC = 0.5403$$

Weight: <None>

Min Conc: 0

63 Cu [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1285.63	0.0104	P	4.7
2	☐	2.000	2.106	5239.85	0.0424	P	7.1
3	☐	500.000	487.680	931512.37	7.4093	P	0.7
4	☐	1250.000	1245.069	2338097.47	18.9001	A	1.4
5	☐	2500.000	2499.283	4683106.49	37.9285	A	1.0
6	☐	5000.000	5001.303	9587491.94	75.8880	A	0.5
7	☐	10000.000	10000.760	19504239.57	151.7376	A	0.4
8	☐			3522.68	0.0273	P	4.9

$$y = 0.0152 * x + 0.0104$$

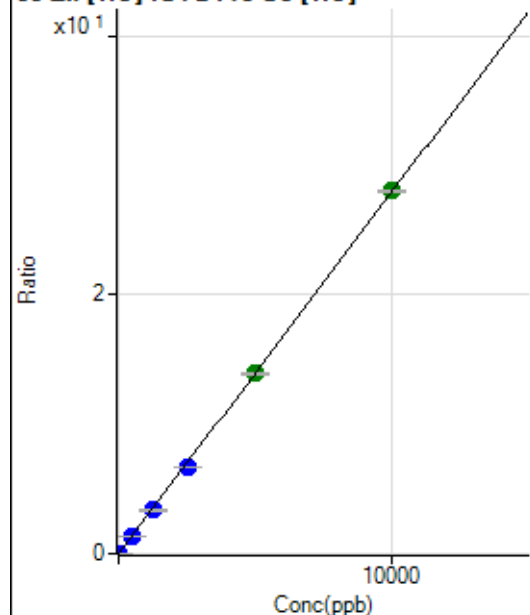
$$R = 1.0000$$

$$DL = 0.0965$$

$$BEC = 0.688$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:⁴⁵Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	502.23	0.0041	P	7.7
2	☐	5.000	4.902	2194.63	0.0178	P	4.2
3	☐	500.000	496.032	174555.87	1.3884	P	0.4
4	☐	1250.000	1198.505	414276.03	3.3489	P	1.5
5	☐	2500.000	2395.945	826111.78	6.6907	P	0.5
6	☐	5000.000	4979.532	1756205.16	13.9009	A	0.6
7	☐	10000.000	10042.883	3603090.99	28.0317	A	0.7
8	☐			2133.51	0.0165	P	6.9

$$y = 0.0028 * x + 0.0041$$

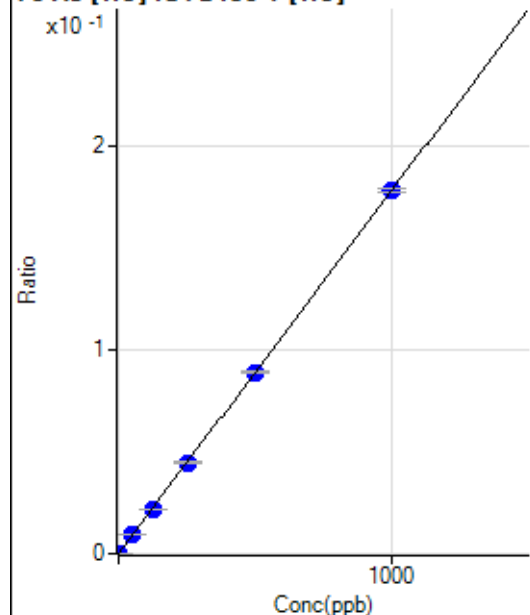
$$R = 0.9999$$

$$DL = 0.3384$$

$$BEC = 1.461$$

Weight: <None>

Min Conc: 0

⁷⁵As [He] ISTD:⁸⁹Y [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	7.78	0.0000	P	48.9
2	☐	1.000	1.283	290.01	0.0002	P	7.0
3	☐	50.000	52.854	11675.81	0.0094	P	1.7
4	☐	125.000	122.491	26942.32	0.0218	P	1.0
5	☐	250.000	250.037	54451.72	0.0445	P	2.1
6	☐	500.000	500.620	111173.79	0.0890	P	1.0
7	☐	1000.000	999.852	226710.12	0.1778	P	0.9
8	☐			118.89	0.0001	P	15.6

$$y = 1.7782E-004 * x + 6.3110E-006$$

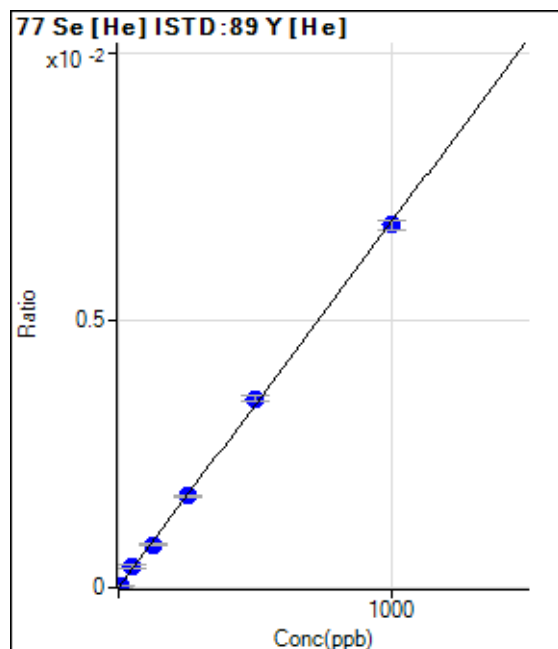
$$R = 1.0000$$

$$DL = 0.05208$$

$$BEC = 0.03549$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2.22	0.0000	P	173.
2	☐	5.000	4.324	38.89	0.0000	P	47.0
3	☐	50.000	57.738	493.34	0.0004	P	11.2
4	☐	125.000	117.005	993.38	0.0008	P	4.7
5	☐	250.000	250.152	2101.28	0.0017	P	2.9
6	☐	500.000	517.579	4430.72	0.0035	P	3.8
7	☐	1000.000	991.788	8667.05	0.0068	P	2.4
8	☐			5.56	0.0000	P	34.6

$$y = 6.8520\text{E-}006 * x + 1.7945\text{E-}006$$

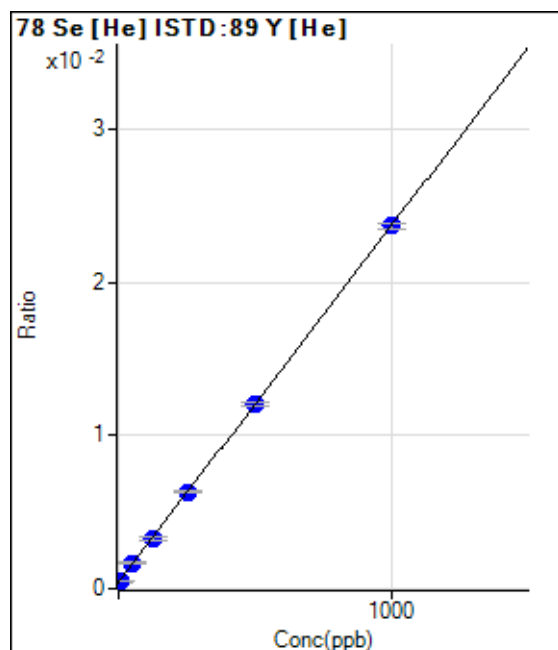
$$R = 0.9997$$

$$DL = 1.361$$

$$BEC = 0.2619$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	521.13	0.0004	P	4.9
2	☐	5.000	4.763	662.25	0.0005	P	6.6
3	☐	50.000	52.933	2056.83	0.0017	P	6.9
4	☐	125.000	121.825	4030.59	0.0033	P	5.0
5	☐	250.000	253.426	7744.31	0.0063	P	1.9
6	☐	500.000	500.828	15090.04	0.0121	P	1.8
7	☐	1000.000	998.981	30194.26	0.0237	P	1.4
8	☐			527.79	0.0004	P	3.3

$$y = 2.3279\text{E-}005 * x + 4.2443\text{E-}004$$

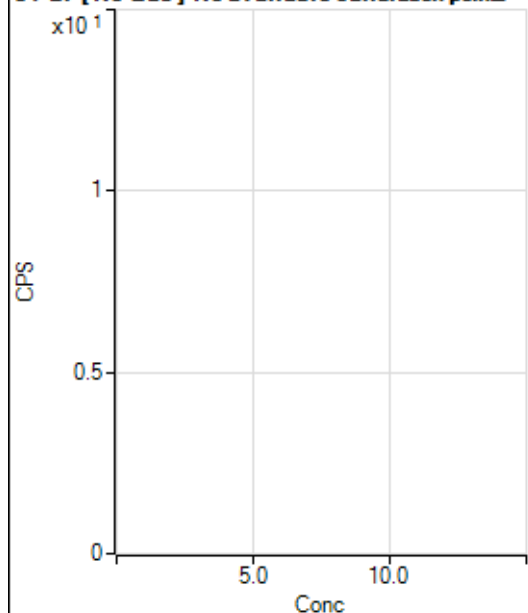
$$R = 1.0000$$

$$DL = 2.699$$

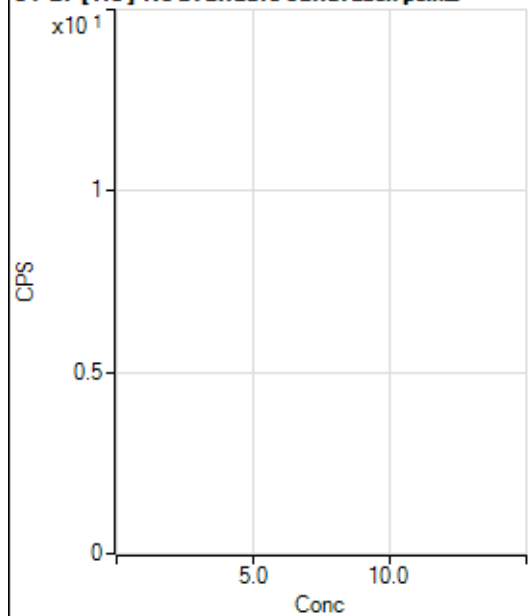
$$BEC = 18.23$$

Weight: <None>

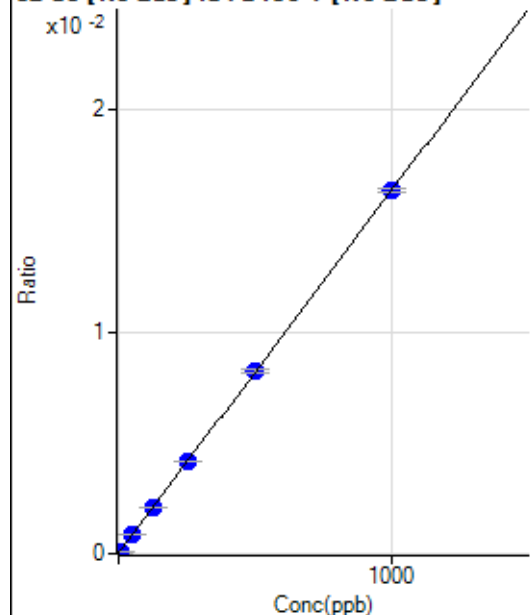
Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			20610.11		P	2.2
2	☐			21012.87		P	1.5
3	☐			20435.36		P	1.8
4	☐			19517.46		P	0.4
5	☐			19552.00		P	1.5
6	☐			19902.42		P	0.8
7	☐			21342.23		P	1.9
8	☐			21770.65		P	2.0

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			131.12		P	16.1
2	☐			144.45		P	22.4
3	☐			143.34		P	6.2
4	☐			144.45		P	13.1
5	☐			134.45		P	11.2
6	☐			132.22		P	28.1
7	☐			164.45		P	7.7
8	☐			185.56		P	13.6

82 Se [No Gas] ISTD:89 Y [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	109.75	0.0000	P	23.0
2	☐	5.000	5.941	575.58	0.0001	P	11.8
3	☐	50.000	52.659	4254.73	0.0009	P	1.8
4	☐	125.000	125.883	9968.70	0.0021	P	0.2
5	☐	250.000	252.858	19683.94	0.0042	P	0.3
6	☐	500.000	499.993	39537.31	0.0082	P	2.2
7	☐	1000.000	999.041	79575.72	0.0164	P	1.2
8	☐			312.73	0.0001	P	11.3

$$y = 1.6344\text{E-}005 * x + 2.2453\text{E-}005$$

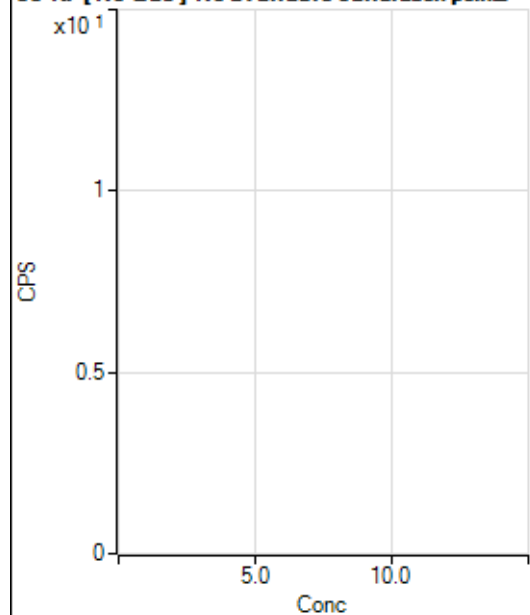
$$R = 1.0000$$

$$DL = 0.9465$$

$$BEC = 1.374$$

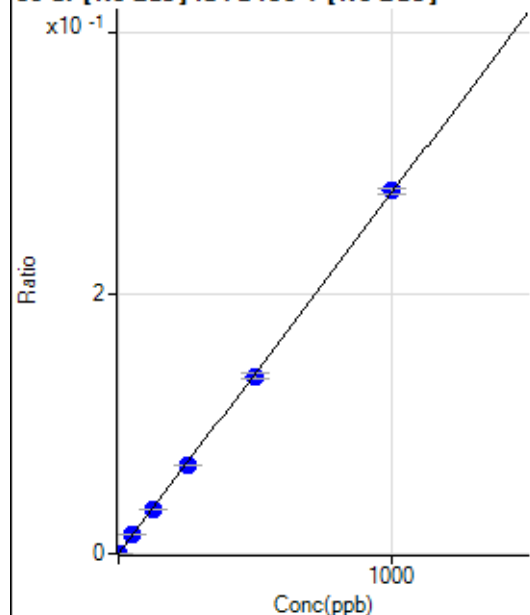
Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			298.90		P	7.2
2	☐			291.12		P	9.7
3	☐			267.78		P	1.9
4	☐			278.90		P	3.7
5	☐			290.01		P	14.4
6	☐			285.56		P	5.5
7	☐			286.67		P	18.7
8	☐			303.34		P	13.0

86 Sr [No Gas] ISTD : 89 Y [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	497.79	0.0001	P	14.6
2	☐	1.000	1.079	1931.26	0.0004	P	2.8
3	☐	50.000	50.941	68553.01	0.0142	P	0.9
4	☐	125.000	121.570	162082.69	0.0338	P	0.3
5	☐	250.000	246.557	324401.88	0.0685	P	0.5
6	☐	500.000	492.111	658970.56	0.1366	P	2.5
7	☐	1000.000	1005.187	1357204.02	0.2789	P	1.4
8	☐			19716.61	0.0040	P	2.4

$$y = 2.7733\text{E-}004 * x + 1.0184\text{E-}004$$

$$R = 0.9999$$

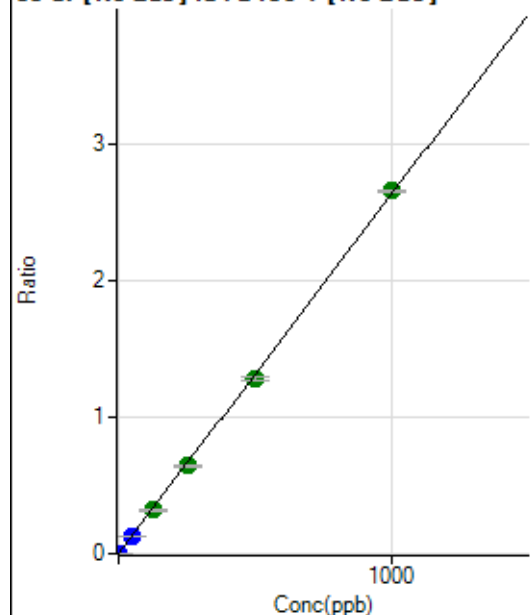
$$DL = 0.1606$$

$$BEC = 0.3672$$

Weight: <None>

Min Conc: 0

88 Sr [No Gas] ISTD : 89 Y [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	132.23	0.0000	P	13.1
2	☐	1.000	0.998	12804.57	0.0027	P	3.3
3	☐	50.000	46.880	595804.23	0.1237	P	0.5
4	☐	125.000	120.792	1527022.48	0.3186	A	1.7
5	☐	250.000	243.484	3042146.20	0.6422	A	1.6
6	☐	500.000	486.528	6190958.94	1.2832	A	2.7
7	☐	1000.000	1009.047	12952106.06	2.6613	A	0.7
8	☐			166639.38	0.0338	P	1.7

$$y = 0.0026 * x + 2.7019\text{E-}005$$

$$R = 0.9998$$

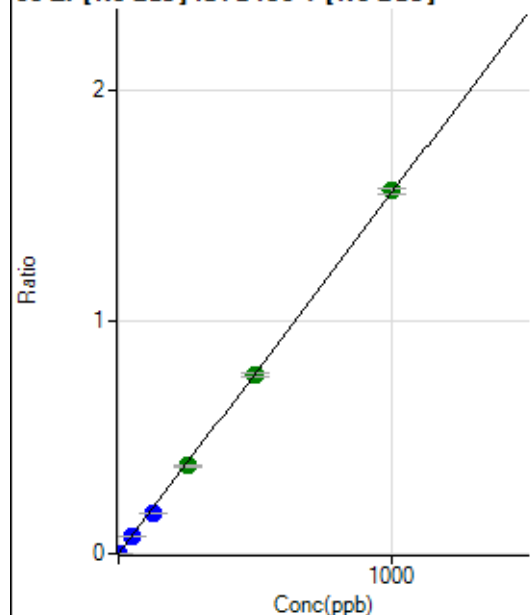
$$DL = 0.00403$$

$$BEC = 0.01024$$

Weight: <None>

Min Conc: 0

90 Zr [No Gas] ISTD : 89 Y [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	212.23	0.0000	P	27.3
2	☐	1.000	0.951	7326.35	0.0015	P	0.7
3	☐	50.000	46.657	349414.53	0.0725	P	0.6
4	☐	125.000	111.560	830861.56	0.1734	P	0.2
5	☐	250.000	243.842	1794721.94	0.3789	A	2.6
6	☐	500.000	493.793	3701504.81	0.7672	A	2.2
7	☐	1000.000	1006.490	7609741.69	1.5637	A	1.9
8	☐			6623.77	0.0013	P	1.7

$$y = 0.0016 * x + 4.3458E-005$$

$$R = 0.9999$$

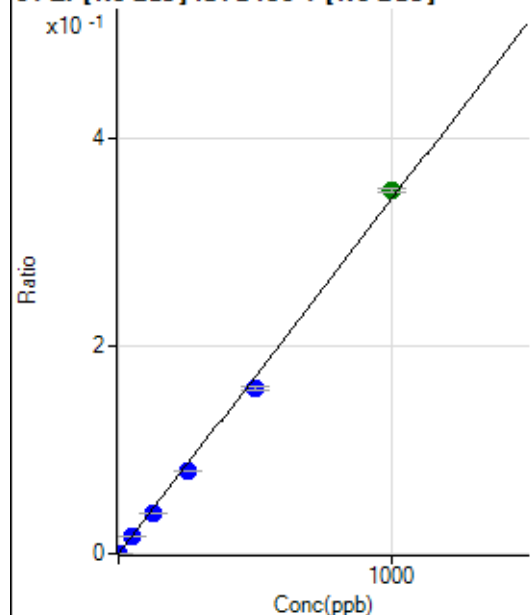
$$DL = 0.02292$$

$$BEC = 0.02797$$

Weight: <None>

Min Conc: 0

91 Zr [No Gas] ISTD : 89 Y [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	36.67	0.0000	P	23.5
2	☐	1.000	1.048	1761.23	0.0004	P	4.8
3	☐	50.000	47.419	78103.10	0.0162	P	1.2
4	☐	125.000	114.576	187693.15	0.0392	P	0.4
5	☐	250.000	231.332	374524.62	0.0791	P	0.6
6	☐	500.000	464.717	766258.43	0.1588	P	2.4
7	☐	1000.000	1023.740	1702696.47	0.3498	A	1.0
8	☐			1424.53	0.0003	P	7.9

$$y = 3.4173E-004 * x + 7.4891E-006$$

$$R = 0.9989$$

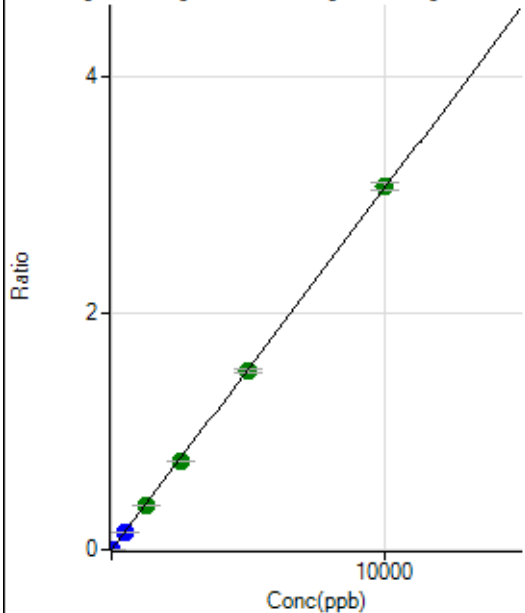
$$DL = 0.01545$$

$$BEC = 0.02192$$

Weight: <None>

Min Conc: 0

94 Mo [No Gas] ISTD:89 Y [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	187.78	0.0000	P	9.5
2	☐	5.000	5.911	8873.88	0.0018	P	2.9
3	☐	500.000	475.398	699318.96	0.1452	P	0.7
4	☐	1250.000	1202.183	1759069.44	0.3670	A	0.5
5	☐	2500.000	2467.594	3568388.28	0.7533	A	0.4
6	☐	5000.000	4951.142	7292784.96	1.5114	A	1.5
7	☐	10000.000	10039.737	14914607.42	3.0647	A	2.1
8	☐			4520.76	0.0009	P	4.1

$$y = 3.0525E-004 * x + 3.8380E-005$$

R = 1.0000

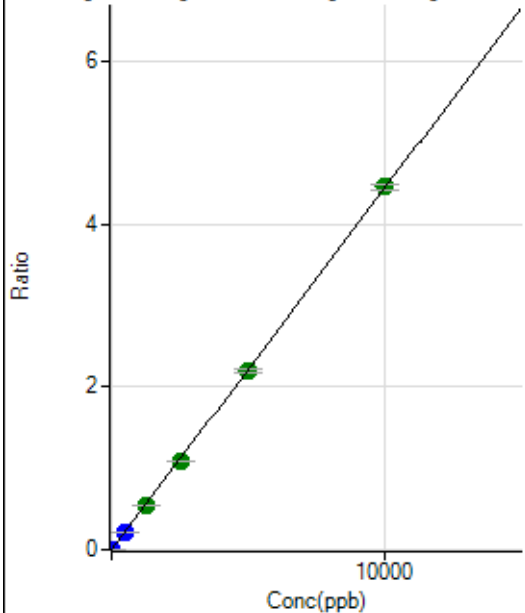
DL = 0.03586

BEC = 0.1257

Weight: <None>

Min Conc: 0

95 Mo [No Gas] ISTD:89 Y [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	174.45	0.0000	P	7.0
2	☐	5.000	5.007	10880.78	0.0023	P	1.1
3	☐	500.000	467.941	1001443.14	0.2079	P	1.0
4	☐	1250.000	1204.510	2564242.78	0.5350	A	0.3
5	☐	2500.000	2441.200	5136483.88	1.0843	A	0.7
6	☐	5000.000	4952.538	10612901.72	2.1997	A	2.6
7	☐	10000.000	10045.720	21714755.51	4.4618	A	1.2
8	☐			2641.37	0.0005	P	3.5

$$y = 4.4415E-004 * x + 3.5657E-005$$

R = 1.0000

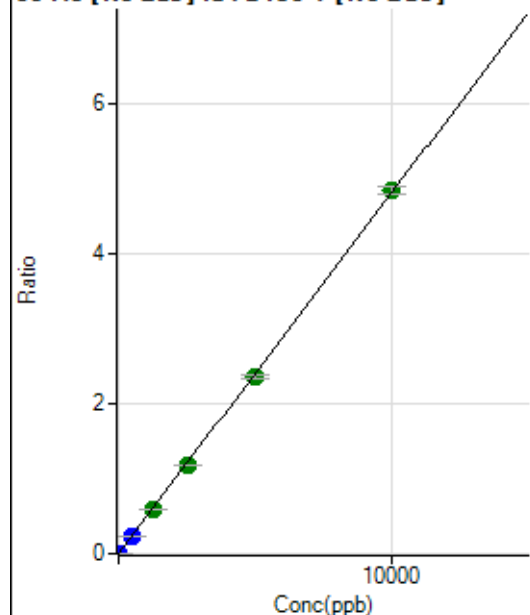
DL = 0.01689

BEC = 0.08028

Weight: <None>

Min Conc: 0

96 Mo [No Gas] ISTD:89 Y [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	238.89	0.0000	P	8.1
2	☐	5.000	5.057	11941.64	0.0025	P	1.1
3	☐	500.000	469.403	1087267.68	0.2257	P	0.8
4	☐	1250.000	1217.104	2804077.70	0.5851	A	0.8
5	☐	2500.000	2446.551	5571315.96	1.1761	A	0.4
6	☐	5000.000	4915.107	11399911.77	2.3627	A	2.1
7	☐	10000.000	10061.451	23536602.15	4.8365	A	2.2
8	☐			13047.04	0.0026	P	4.0

$$y = 4.8069E-004 * x + 4.8852E-005$$

$$R = 0.9999$$

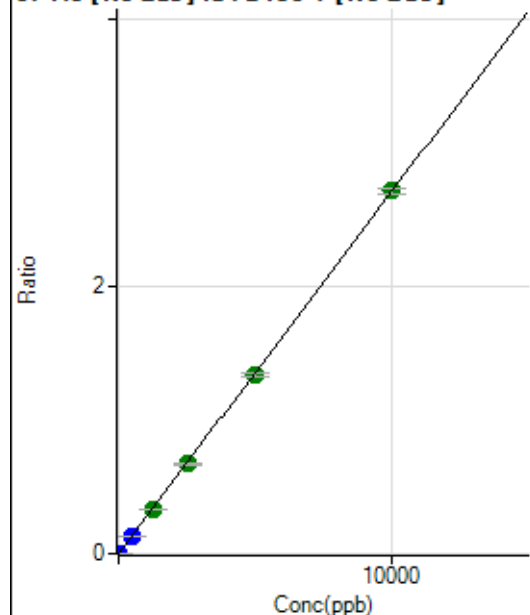
$$DL = 0.02468$$

$$BEC = 0.1016$$

Weight: <None>

Min Conc: 0

97 Mo [No Gas] ISTD:89 Y [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	113.34	0.0000	P	40.1
2	☐	5.000	5.020	6654.91	0.0014	P	3.6
3	☐	500.000	475.093	619766.09	0.1286	P	0.9
4	☐	1250.000	1215.239	1576823.16	0.3290	A	1.4
5	☐	2500.000	2485.138	3187215.82	0.6728	A	1.6
6	☐	5000.000	4956.751	6474916.85	1.3419	A	1.9
7	☐	10000.000	10030.931	13216200.36	2.7156	A	1.9
8	☐			1947.93	0.0004	P	3.7

$$y = 2.7072E-004 * x + 2.3136E-005$$

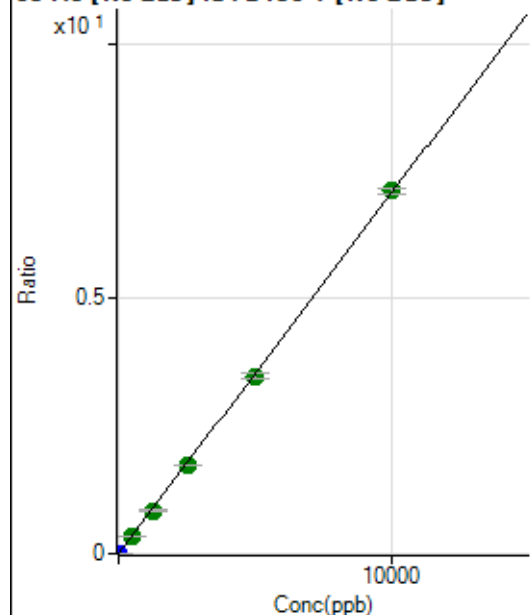
$$R = 1.0000$$

$$DL = 0.1028$$

$$BEC = 0.08546$$

Weight: <None>

Min Conc: 0

98 Mo [No Gas] ISTD:89 Y [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	274.45	0.0001	P	4.5
2	☐	5.000	5.028	17409.34	0.0036	P	1.7
3	☐	500.000	503.858	1718597.49	0.3567	A	0.9
4	☐	1250.000	1193.180	4048663.76	0.8447	A	2.5
5	☐	2500.000	2470.477	8284844.81	1.7489	A	0.5
6	☐	5000.000	4915.688	16788563.22	3.4798	A	3.1
7	☐	10000.000	10056.446	34646158.37	7.1189	A	1.3
8	☐			4146.19	0.0008	P	3.3

$$y = 7.0789\text{E-}004 * x + 5.6109\text{E-}005$$

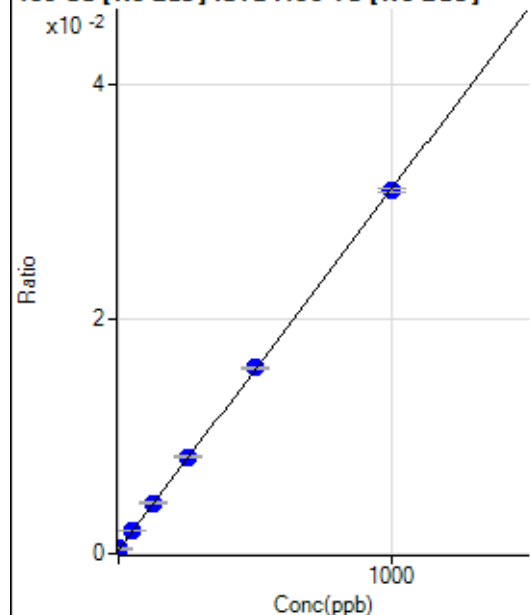
$$R = 0.9999$$

$$DL = 0.01075$$

$$BEC = 0.07926$$

Weight: <None>

Min Conc: 0

106 Cd [No Gas] ISTD:159 Tb [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1155.61	0.0003	P	2.7
2	☐	1.000	2.454	1404.53	0.0004	P	7.4
3	☐	50.000	54.888	6931.71	0.0020	P	0.7
4	☐	125.000	127.630	14703.09	0.0043	P	3.9
5	☐	250.000	256.067	27817.80	0.0082	P	2.1
6	☐	500.000	505.089	55276.97	0.0159	P	1.5
7	☐	1000.000	995.364	109970.66	0.0310	P	1.0
8	☐			1304.51	0.0004	P	3.8

$$y = 3.0790\text{E-}005 * x + 3.4375\text{E-}004$$

$$R = 1.0000$$

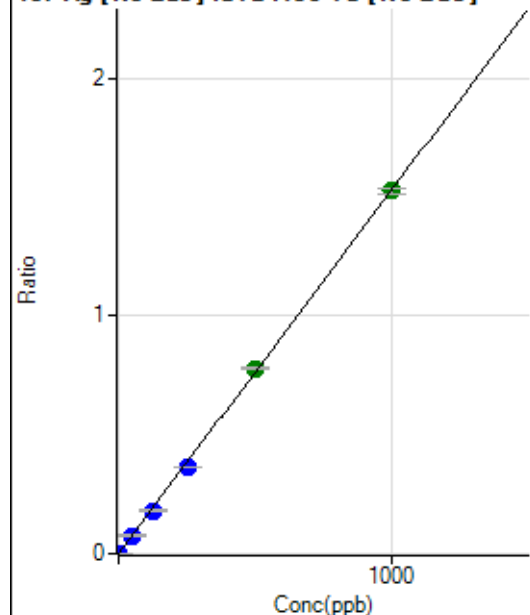
$$DL = 0.911$$

$$BEC = 11.16$$

Weight: <None>

Min Conc: 0

107 Ag [No Gas] ISTD :159 Tb [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	50.00	0.0000	P	19.6
2	☐	1.000	1.056	5465.53	0.0016	P	3.6
3	☐	50.000	50.111	261263.10	0.0767	P	1.0
4	☐	125.000	118.128	621656.51	0.1807	P	3.2
5	☐	250.000	238.758	1234648.79	0.3652	P	0.3
6	☐	500.000	510.609	2714923.75	0.7809	A	1.6
7	☐	1000.000	998.360	5417748.39	1.5269	A	1.8
8	☐			565.57	0.0002	P	11.2

$$y = 0.0015 * x + 1.4914E-005$$

$$R = 0.9998$$

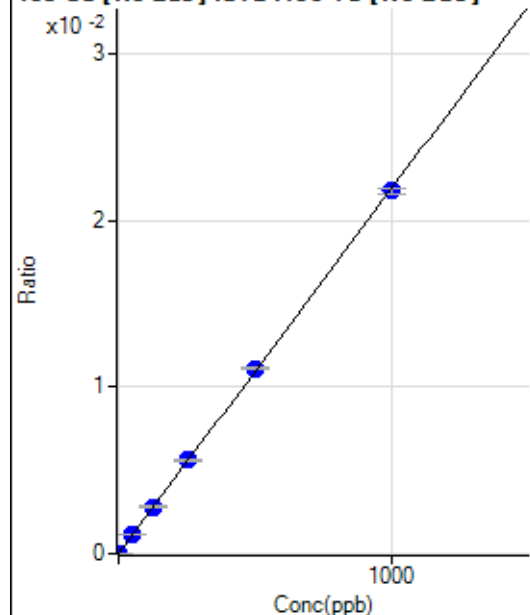
$$DL = 0.005728$$

$$BEC = 0.009752$$

Weight: <None>

Min Conc: 0

108 Cd [No Gas] ISTD :159 Tb [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	2.22	0.0000	P	86.6
2	☐	1.000	1.026	77.78	0.0000	P	29.0
3	☐	50.000	53.778	4020.60	0.0012	P	3.2
4	☐	125.000	127.689	9634.38	0.0028	P	3.9
5	☐	250.000	257.042	19055.96	0.0056	P	1.4
6	☐	500.000	507.539	38687.12	0.0111	P	1.3
7	☐	1000.000	993.945	77318.11	0.0218	P	1.7
8	☐			41.11	0.0000	P	24.3

$$y = 2.1923E-005 * x + 6.5300E-007$$

$$R = 0.9999$$

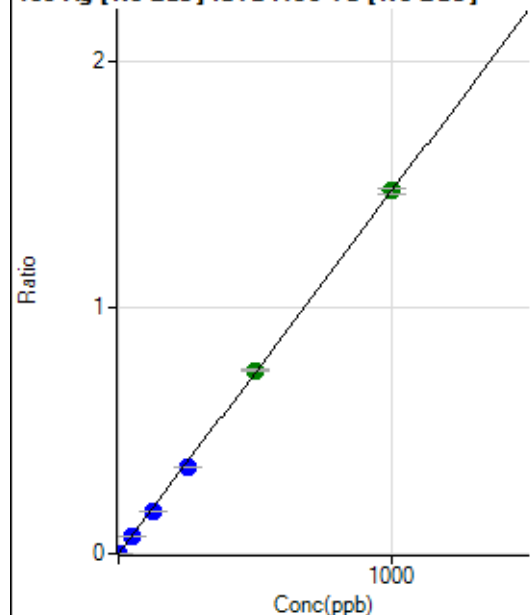
$$DL = 0.0774$$

$$BEC = 0.02979$$

Weight: <None>

Min Conc: 0

109 Ag [No Gas] ISTD :159 Tb [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	36.67	0.0000	P	22.2
2	☐	1.000	1.041	5170.97	0.0015	P	0.7
3	☐	50.000	49.731	249387.32	0.0732	P	1.0
4	☐	125.000	117.716	595906.72	0.1732	P	2.6
5	☐	250.000	237.320	1180437.97	0.3491	P	0.3
6	☐	500.000	505.881	2587655.81	0.7442	A	1.0
7	☐	1000.000	1001.153	5226014.65	1.4728	A	1.5
8	☐			504.46	0.0001	P	8.8

$$y = 0.0015 * x + 1.0881E-005$$

$$R = 0.9999$$

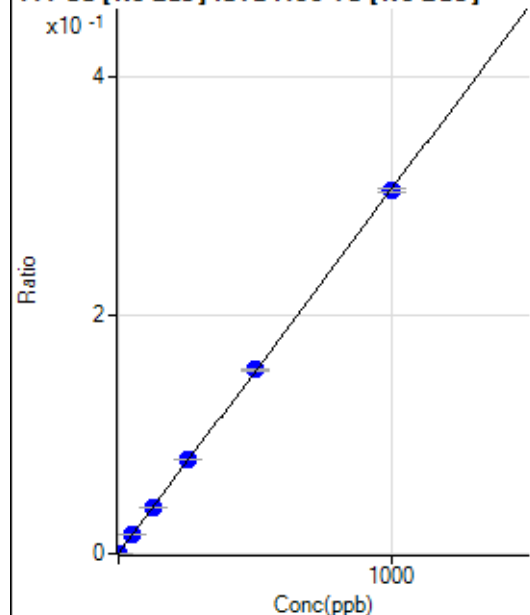
$$DL = 0.004928$$

$$BEC = 0.007397$$

Weight: <None>

Min Conc: 0

111 Cd [No Gas] ISTD :159 Tb [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	819.60	0.0002	P	2.7
2	☐	1.000	1.234	2079.90	0.0006	P	4.7
3	☐	50.000	53.459	56495.35	0.0166	P	1.8
4	☐	125.000	126.837	134178.52	0.0390	P	2.0
5	☐	250.000	256.604	265875.28	0.0786	P	0.6
6	☐	500.000	504.487	536725.79	0.1544	P	0.8
7	☐	1000.000	995.703	1080256.49	0.3044	P	1.0
8	☐			1067.72	0.0003	P	4.8

$$y = 3.0550E-004 * x + 2.4381E-004$$

$$R = 1.0000$$

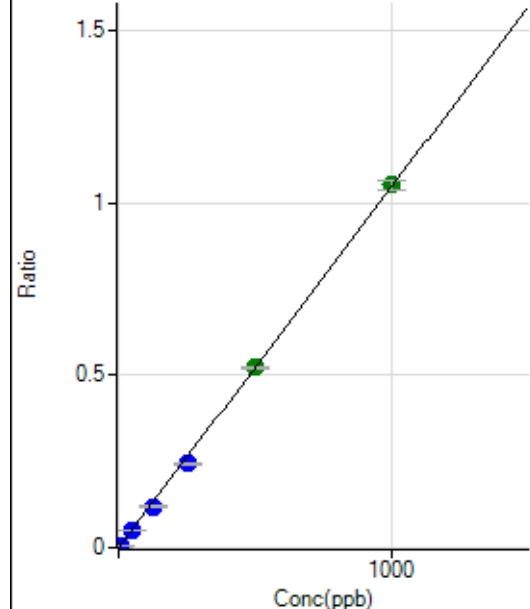
$$DL = 0.06503$$

$$BEC = 0.7981$$

Weight: <None>

Min Conc: 0

118 Sn [No Gas] ISTD :159 Tb [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	791.14	0.0002	P	3.2
2	☐	5.000	5.097	18679.99	0.0056	P	1.2
3	☐	50.000	48.209	172860.35	0.0507	P	1.4
4	☐	125.000	113.963	411439.24	0.1196	P	2.5
5	☐	250.000	232.873	825248.43	0.2441	P	1.1
6	☐	500.000	499.152	1818083.85	0.5229	A	1.4
7	☐	1000.000	1006.174	3739574.91	1.0538	A	2.8
8	☐			1380.08	0.0004	P	1.4

$$y = 0.0010 * x + 2.3543E-004$$

$$R = 0.9998$$

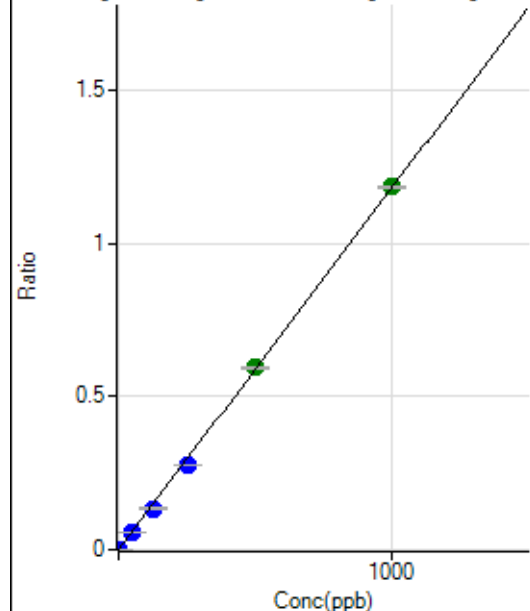
$$DL = 0.0216$$

$$BEC = 0.2248$$

Weight: <None>

Min Conc: 0

121 Sb [No Gas] ISTD :159 Tb [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	17.78	0.0000	P	70.7
2	☐	2.000	2.087	8266.90	0.0025	P	1.7
3	☐	50.000	48.120	193420.97	0.0567	P	0.6
4	☐	125.000	114.382	464165.98	0.1349	P	1.7
5	☐	250.000	232.798	928165.07	0.2745	P	0.9
6	☐	500.000	503.198	2062903.80	0.5934	A	1.7
7	☐	1000.000	1004.122	4201738.93	1.1841	A	0.7
8	☐			3128.15	0.0009	P	5.5

$$y = 0.0012 * x + 5.2836E-006$$

$$R = 0.9998$$

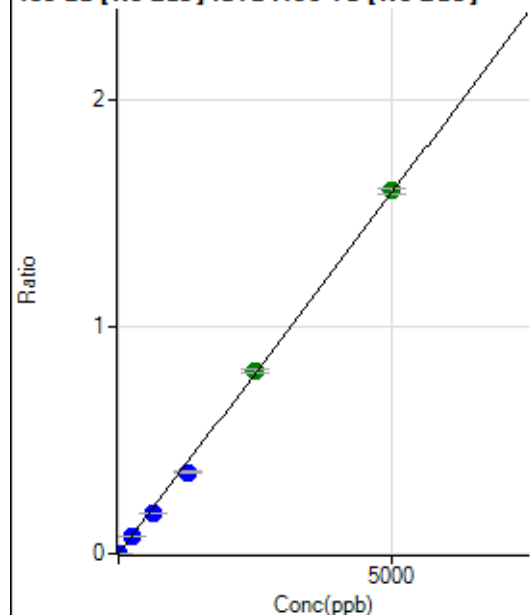
$$DL = 0.009497$$

$$BEC = 0.004481$$

Weight: <None>

Min Conc: 0

135 Ba [No Gas] ISTD :159 Tb [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	23.33	0.0000	P	74.3
2	☐	10.000	9.728	10389.44	0.0031	P	1.3
3	☐	250.000	232.780	252265.68	0.0740	P	0.4
4	☐	625.000	553.425	605504.97	0.1760	P	1.7
5	☐	1250.000	1127.826	1212326.54	0.3586	P	1.2
6	☐	2500.000	2528.867	2795465.51	0.8040	A	1.9
7	☐	5000.000	5025.918	5669777.76	1.5979	A	1.4
8	☐			2720.28	0.0008	P	5.4

$$y = 3.1793E-004 * x + 6.9441E-006$$

$$R = 0.9996$$

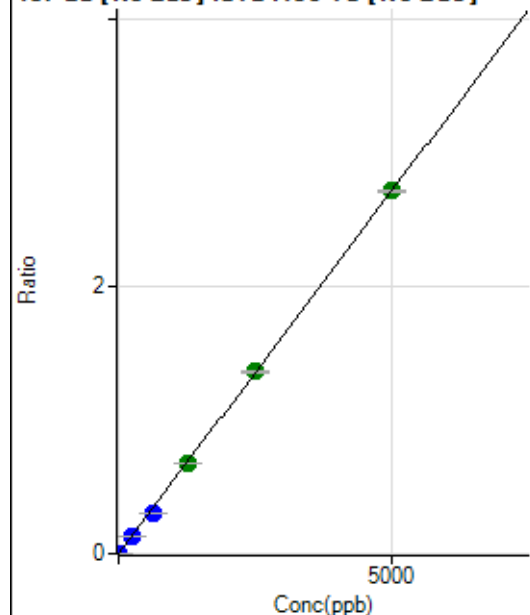
$$DL = 0.0487$$

$$BEC = 0.02184$$

Weight: <None>

Min Conc: 0

137 Ba [No Gas] ISTD :159 Tb [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	23.33	0.0000	P	41.5
2	☐	10.000	9.990	18167.21	0.0054	P	3.4
3	☐	250.000	234.160	432621.54	0.1269	P	0.1
4	☐	625.000	558.837	1042330.98	0.3029	P	2.0
5	☐	1250.000	1251.366	2293327.50	0.6783	A	0.9
6	☐	2500.000	2507.058	4724827.15	1.3589	A	0.8
7	☐	5000.000	5005.192	9627283.40	2.7130	A	0.5
8	☐			4798.64	0.0014	P	1.0

$$y = 5.4204E-004 * x + 6.9206E-006$$

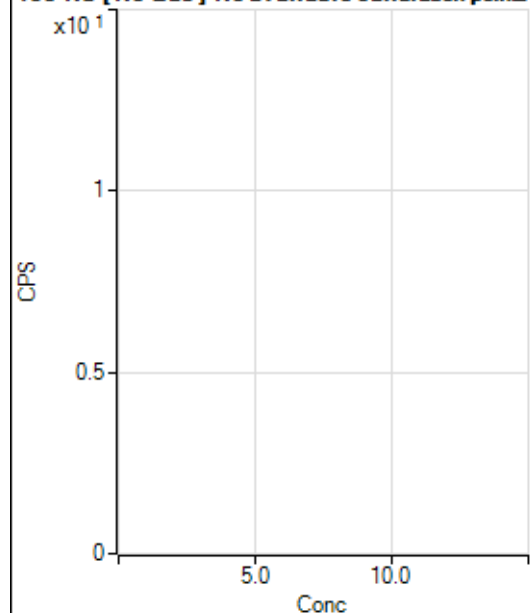
$$R = 0.9999$$

$$DL = 0.0159$$

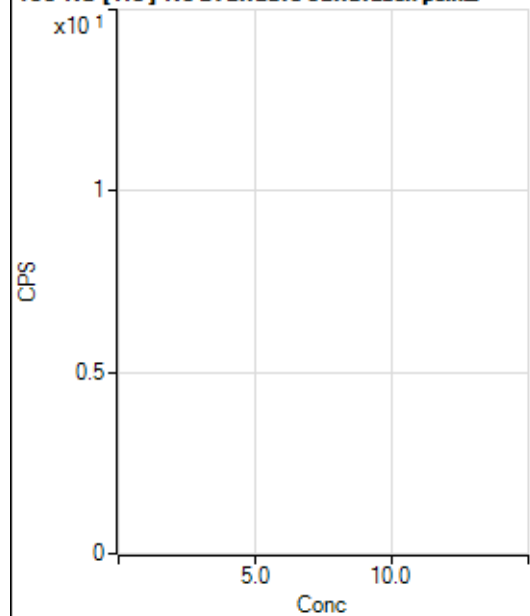
$$BEC = 0.01277$$

Weight: <None>

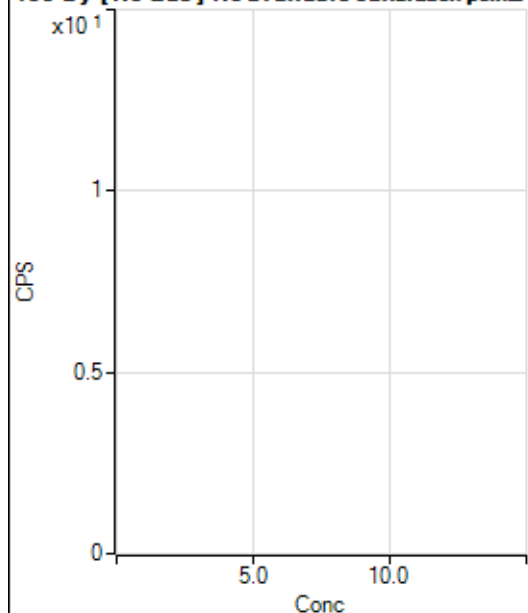
Min Conc: 0

150 Nd [No Gas] No available calibration points

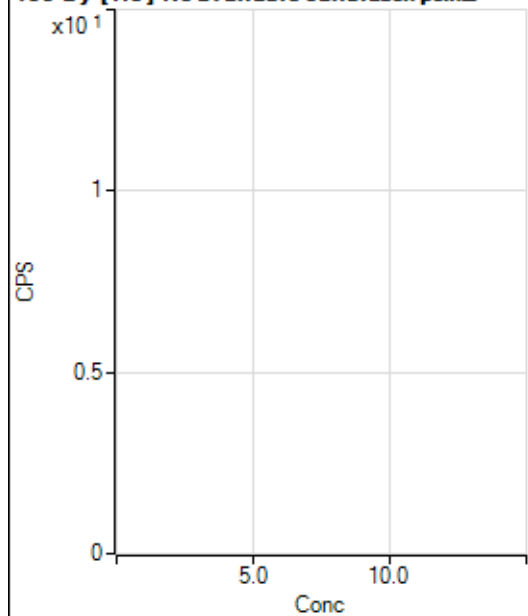
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	75.5
2	☐			3.33		P	100.
3	☐			21.11		P	9.1
4	☐			37.78		P	31.0
5	☐			37.78		P	50.2
6	☐			101.11		P	12.5
7	☐			288.90		P	10.7
8	☐			111.11		P	17.6

150 Nd [He] No available calibration points

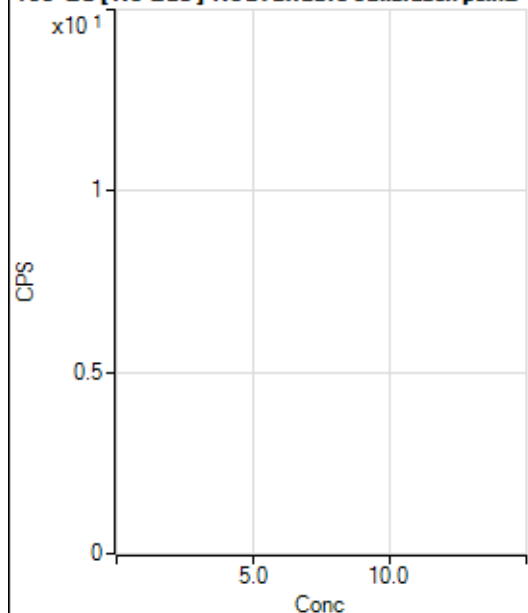
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	100.
2	☐			2.22		P	86.6
3	☐			4.44		P	43.4
4	☐			5.55		P	69.3
5	☐			17.78		P	47.2
6	☐			41.11		P	68.0
7	☐			58.89		P	8.6
8	☐			71.11		P	9.8

156 Dy [No Gas] No available calibration points

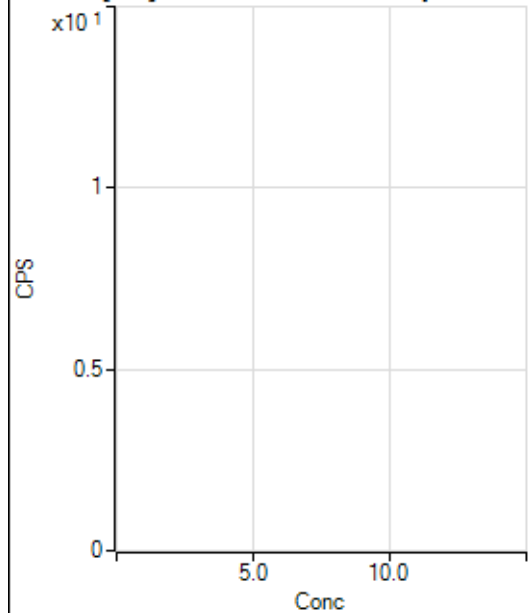
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	100.
2	☐			2.22		P	86.6
3	☐			11.11		P	34.6
4	☐			13.33		P	50.0
5	☐			42.22		P	19.9
6	☐			43.33		P	20.4
7	☐			93.33		P	15.6
8	☐			217.78		P	17.2

156 Dy [He] No available calibration points

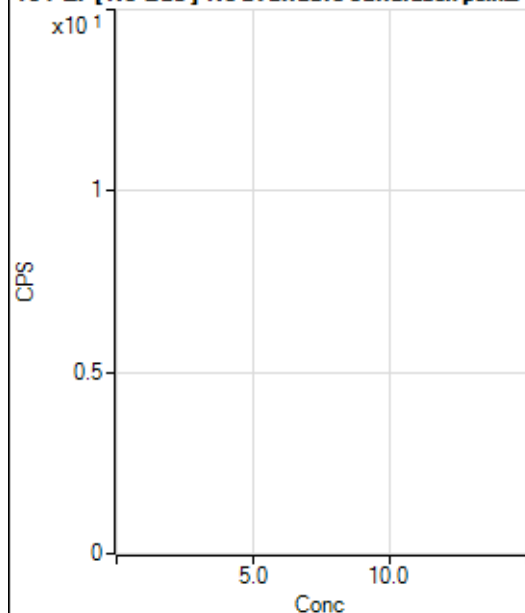
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	86.6
2	☐			4.44		P	114.
3	☐			13.33		P	50.0
4	☐			46.67		P	39.8
5	☐			75.56		P	2.6
6	☐			151.11		P	29.3
7	☐			273.34		P	15.6
8	☐			163.34		P	10.8

160 Gd [No Gas] Noavailable calibration poin...

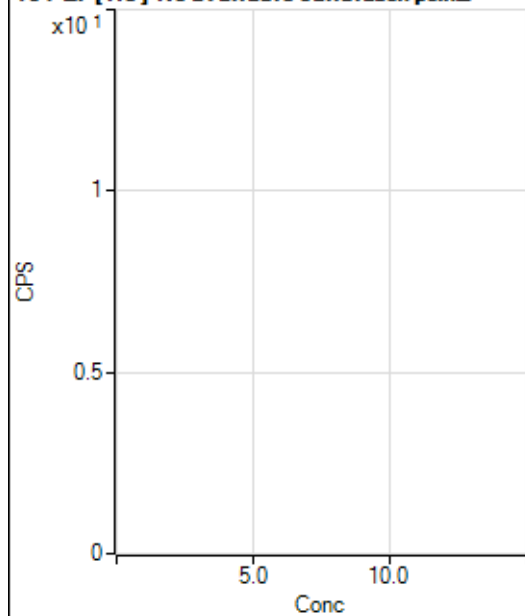
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			13.33		P	75.0
2	☐			14.44		P	53.3
3	☐			18.89		P	36.7
4	☐			22.22		P	31.2
5	☐			32.22		P	57.0
6	☐			42.22		P	29.9
7	☐			66.67		P	22.9
8	☐			261.12		P	7.0

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			116.67		P	5.0
2	☐			130.00		P	21.9
3	☐			134.45		P	12.5
4	☐			144.45		P	10.9
5	☐			141.11		P	17.9
6	☐			164.45		P	5.1
7	☐			171.11		P	14.6
8	☐			294.45		P	6.2

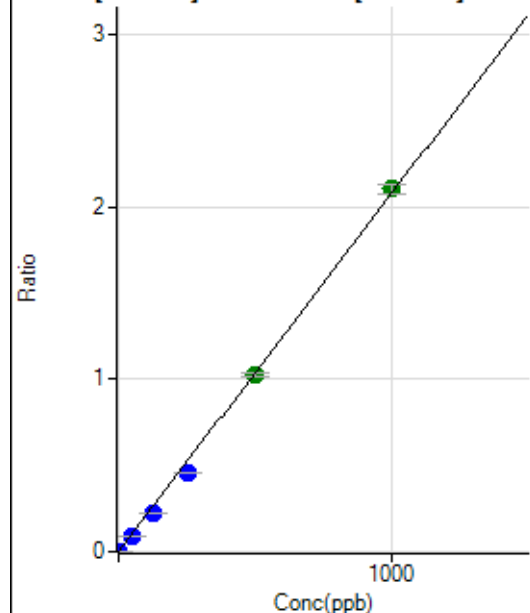
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			25.56		P	19.9
2	☐			26.67		P	12.5
3	☐			23.33		P	28.6
4	☐			42.22		P	16.4
5	☐			35.56		P	14.3
6	☐			73.34		P	7.9
7	☐			118.89		P	4.3
8	☐			506.68		P	8.0

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			18.89		P	20.4
2	☐			16.67		P	52.9
3	☐			17.78		P	28.6
4	☐			25.56		P	37.7
5	☐			56.67		P	35.3
6	☐			63.33		P	13.9
7	☐			107.78		P	9.9
8	☐			380.01		P	19.9

203 Tl [No Gas] ISTD :209 Bi [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	65.55	0.0000	P	17.3
2	☐	1.000	0.914	3704.98	0.0019	P	1.6
3	☐	50.000	45.470	178527.41	0.0946	P	0.5
4	☐	125.000	105.972	436622.18	0.2204	P	1.8
5	☐	250.000	219.492	878208.08	0.4566	P	1.7
6	☐	500.000	493.978	2035747.09	1.0274	A	1.6
7	☐	1000.000	1013.243	4187234.56	2.1075	A	2.9
8	☐			533.35	0.0003	P	10.2

$$y = 0.0021 * x + 3.4842E-005$$

$$R = 0.9994$$

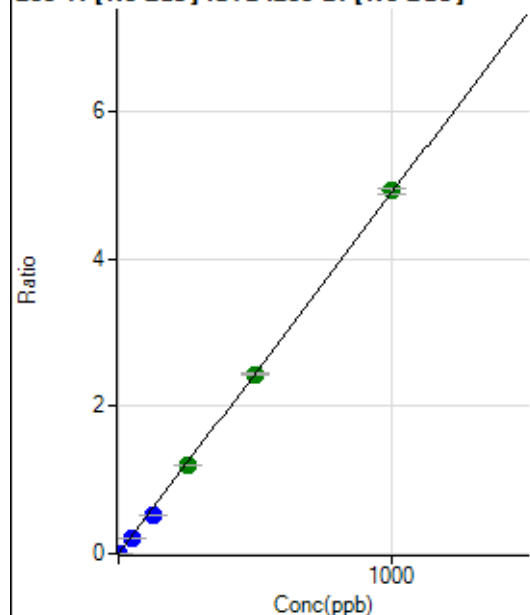
$$DL = 0.008672$$

$$BEC = 0.01675$$

Weight: <None>

Min Conc: 0

205 Tl [No Gas] ISTD :209 Bi [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	163.34	0.0001	P	11.1
2	☐	1.000	0.913	8716.21	0.0046	P	2.4
3	☐	50.000	44.602	411842.08	0.2182	P	0.8
4	☐	125.000	105.103	1018488.93	0.5142	P	1.2
5	☐	250.000	245.129	2306462.85	1.1990	A	1.7
6	☐	500.000	496.302	4809340.07	2.4276	A	1.0
7	☐	1000.000	1005.824	9775982.28	4.9197	A	1.4
8	☐			1068.94	0.0006	P	6.8

$$y = 0.0049 * x + 8.6748E-005$$

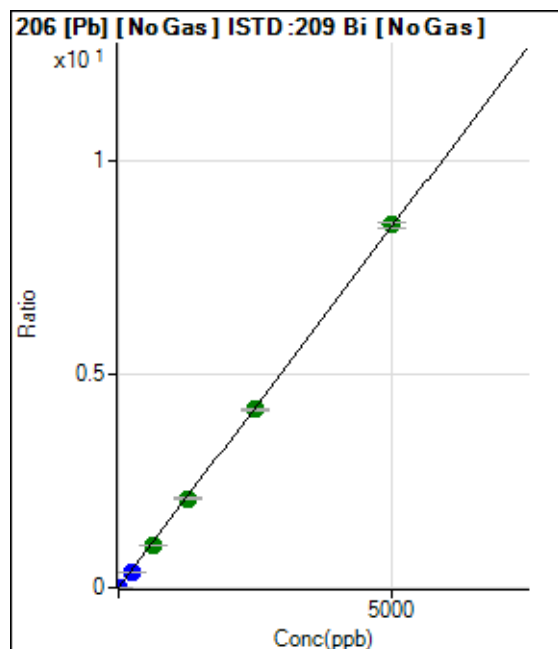
$$R = 0.9998$$

$$DL = 0.005926$$

$$BEC = 0.01774$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	316.67	0.0002	P	7.0
2	☐	1.000	0.906	3251.54	0.0017	P	2.3
3	☐	250.000	224.788	716480.86	0.3797	P	0.7
4	☐	625.000	589.977	1972981.41	0.9962	A	2.3
5	☐	1250.000	1232.693	4003502.13	2.0813	A	1.3
6	☐	2500.000	2465.733	8248195.57	4.1630	A	0.6
7	☐	5000.000	5027.099	16865151.69	8.4873	A	1.3
8	☐			3340.45	0.0019	P	3.2

$$y = 0.0017 * x + 1.6809E-004$$

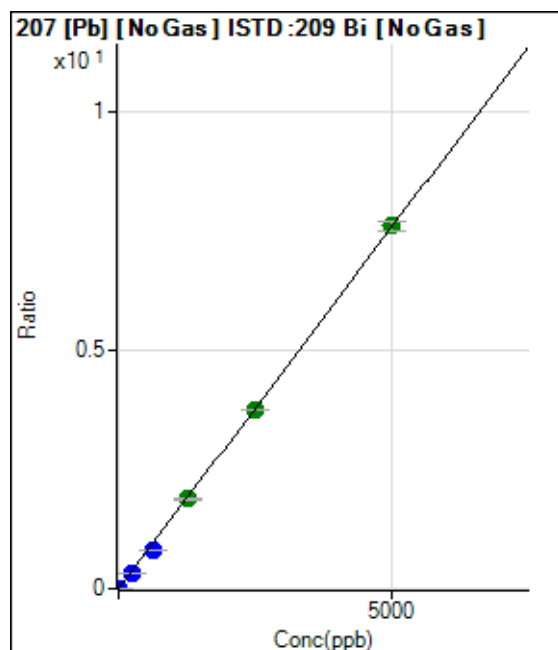
R = 0.9999

DL = 0.021

BEC = 0.09956

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	307.79	0.0002	P	8.7
2	☐	1.000	0.894	2904.79	0.0015	P	1.8
3	☐	250.000	223.516	638669.19	0.3384	P	0.3
4	☐	625.000	524.217	1571868.87	0.7936	P	1.6
5	☐	1250.000	1239.016	3607641.26	1.8754	A	1.4
6	☐	2500.000	2484.314	7449361.62	3.7601	A	0.4
7	☐	5000.000	5024.511	15110212.27	7.6046	A	2.7
8	☐			2931.46	0.0016	P	3.9

$$y = 0.0015 * x + 1.6339E-004$$

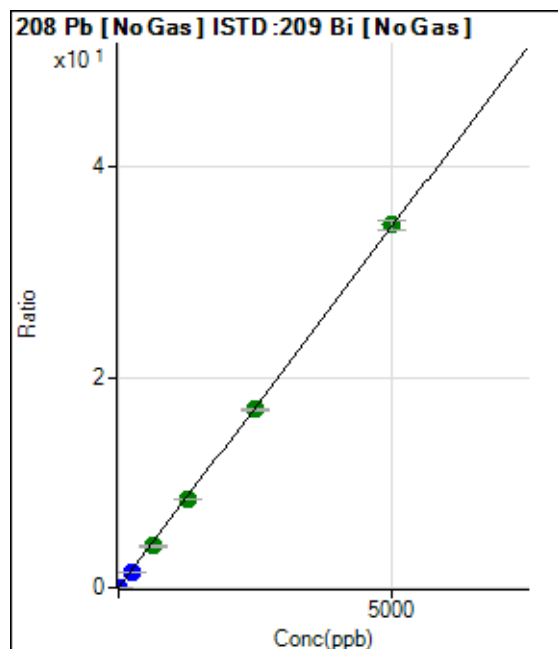
R = 0.9998

DL = 0.02808

BEC = 0.108

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1367.82	0.0007	P	0.7
2	☐	1.000	0.900	13207.11	0.0069	P	1.8
3	☐	250.000	222.972	2885394.29	1.5290	P	0.3
4	☐	625.000	576.265	7824699.93	3.9506	A	1.8
5	☐	1250.000	1227.107	16180590.97	8.4116	A	0.4
6	☐	2500.000	2467.463	33508994.43	16.9132	A	0.2
7	☐	5000.000	5029.435	68498755.92	34.4735	A	2.3
8	☐			13489.45	0.0075	P	2.7

$$y = 0.0069 * x + 7.2616E-004$$

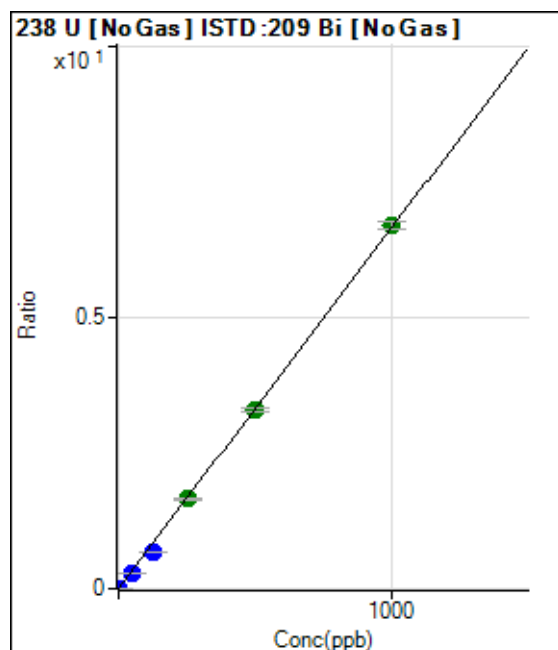
$$R = 0.9999$$

$$DL = 0.002324$$

$$BEC = 0.1059$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	15.56	0.0000	P	54.1
2	☐	1.000	0.909	11602.91	0.0061	P	2.3
3	☐	50.000	43.167	542397.66	0.2874	P	0.3
4	☐	125.000	102.319	1349454.30	0.6813	P	1.7
5	☐	250.000	248.467	3182231.62	1.6544	A	2.6
6	☐	500.000	495.739	6539310.74	3.3008	A	1.1
7	☐	1000.000	1005.690	13305113.00	6.6962	A	2.3
8	☐			415.57	0.0002	P	14.9

$$y = 0.0067 * x + 8.2540E-006$$

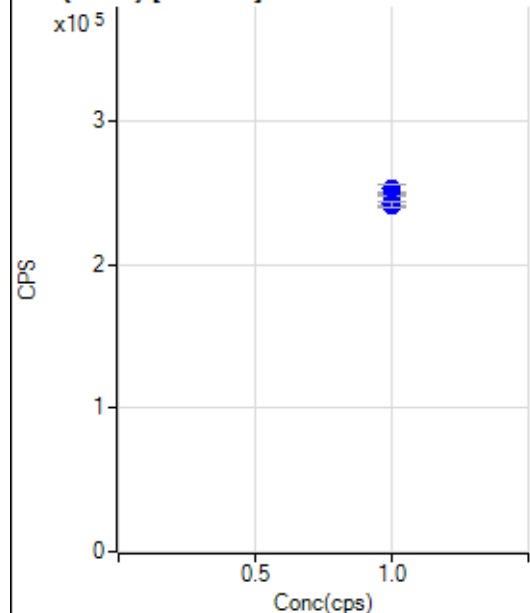
$$R = 0.9998$$

$$DL = 0.002012$$

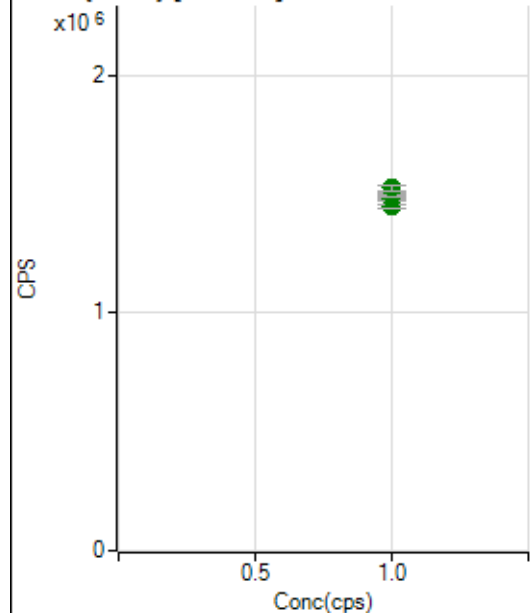
$$BEC = 0.00124$$

Weight: <None>

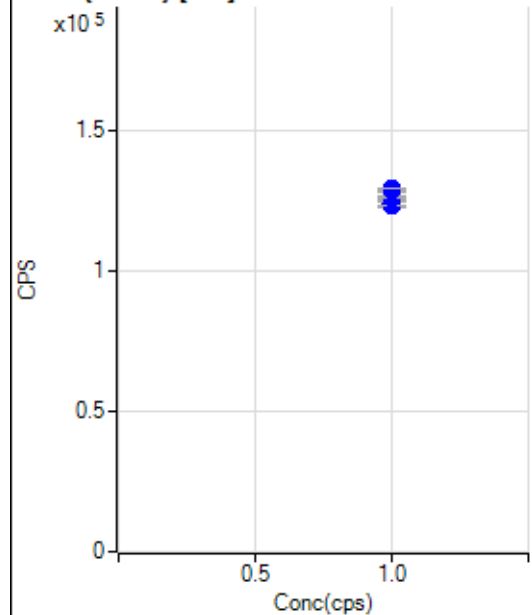
Min Conc: 0

6 Li (ISTD) [No Gas]

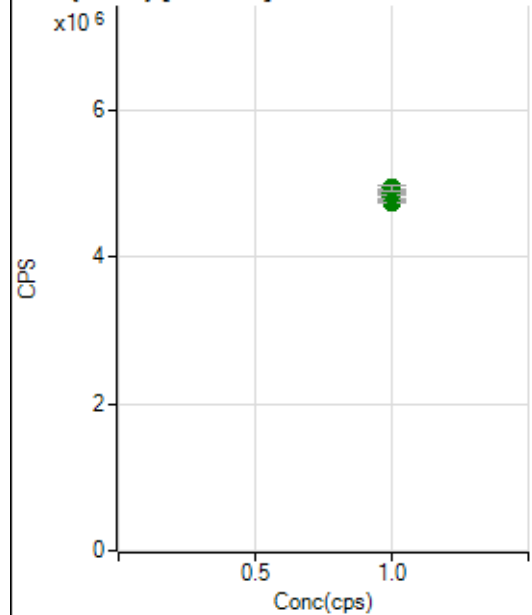
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		241376.29		P	0.5
2	☐	1.000		241437.51		P	0.4
3	☐	1.000		248904.24		P	0.5
4	☐	1.000		253195.73		P	2.2
5	☐	1.000		249907.99		P	0.8
6	☐	1.000		249515.59		P	0.4
7	☐	1.000		248525.39		P	0.3
8	☐	1.000		242619.88		P	1.6

45 Sc (ISTD) [No Gas]

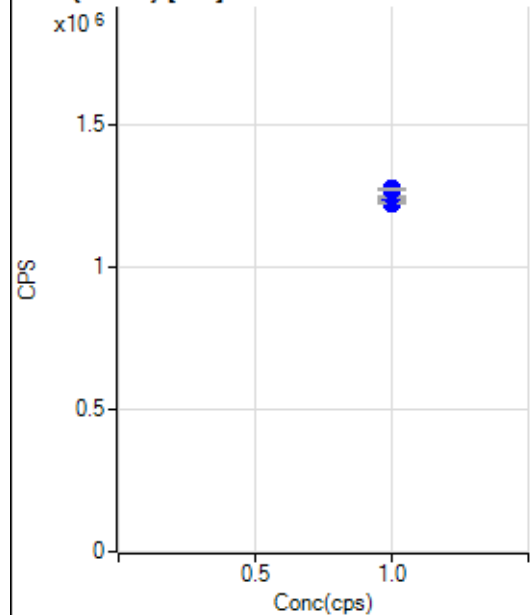
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1491587.15		A	1.0
2	☐	1.000		1490798.12		A	0.8
3	☐	1.000		1503222.31		A	0.2
4	☐	1.000		1481801.00		A	0.2
5	☐	1.000		1447536.91		A	1.2
6	☐	1.000		1478313.17		A	1.1
7	☐	1.000		1493185.17		A	0.7
8	☐	1.000		1524749.96		A	1.3

45 Sc (ISTD) [He]

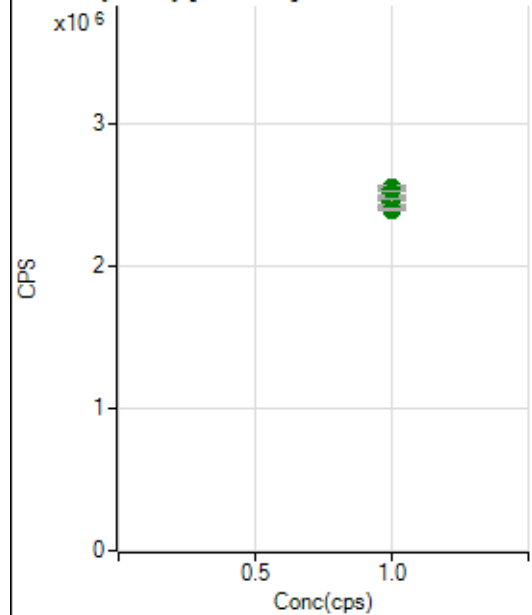
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		123168.03		P	0.1
2	☐	1.000		123623.46		P	1.2
3	☐	1.000		125725.90		P	0.7
4	☐	1.000		123724.31		P	1.6
5	☐	1.000		123472.05		P	0.2
6	☐	1.000		126338.32		P	0.2
7	☐	1.000		128538.13		P	0.3
8	☐	1.000		129242.50		P	0.1

89 Y (ISTD) [No Gas]

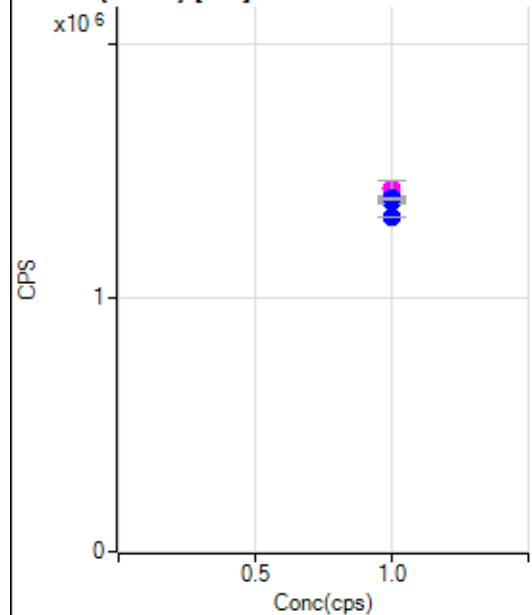
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4890790.14		A	0.9
2	☐	1.000		4816056.28		A	0.9
3	☐	1.000		4817827.85		A	0.8
4	☐	1.000		4792809.65		A	1.5
5	☐	1.000		4737203.57		A	0.0
6	☐	1.000		4825957.04		A	1.5
7	☐	1.000		4867114.16		A	1.0
8	☐	1.000		4933783.92		A	1.8

89 Y(ISTD) [He]

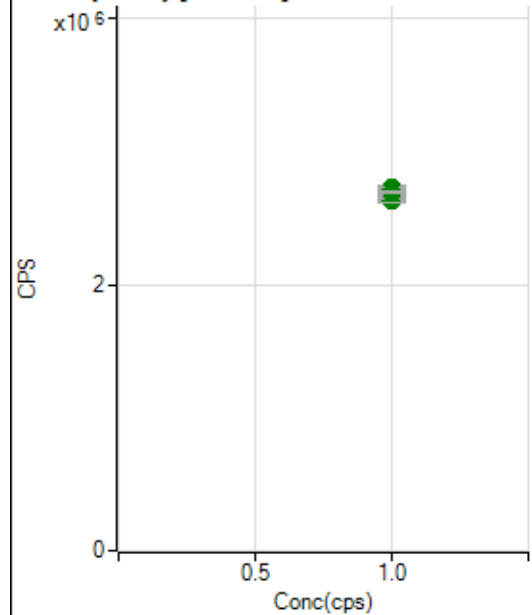
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1227894.63		P	1.1
2	☐	1.000		1236993.71		P	0.2
3	☐	1.000		1241466.96		P	0.2
4	☐	1.000		1236558.95		P	0.8
5	☐	1.000		1224555.59		P	0.4
6	☐	1.000		1248766.22		P	0.7
7	☐	1.000		1275070.15		P	0.3
8	☐	1.000		1273461.36		P	0.5

103 Rh(ISTD) [No Gas]

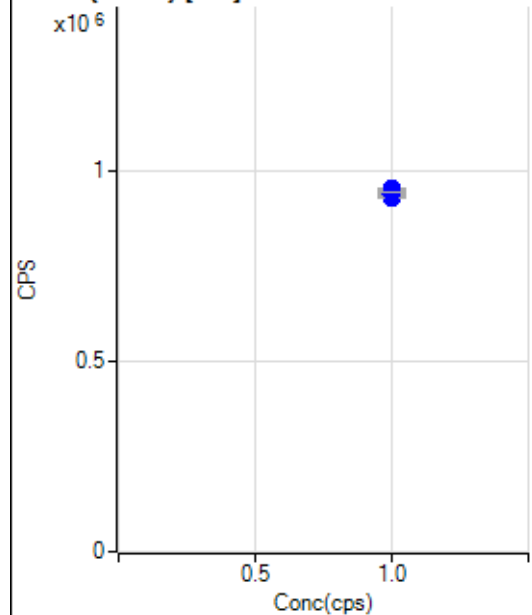
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2547914.13		A	0.6
2	☐	1.000		2547323.44		A	0.5
3	☐	1.000		2532244.48		A	2.8
4	☐	1.000		2509496.38		A	1.3
5	☐	1.000		2437567.77		A	1.3
6	☐	1.000		2456715.17		A	1.8
7	☐	1.000		2450884.41		A	1.5
8	☐	1.000		2395290.17		A	0.6

103 Rh (ISTD) [He]

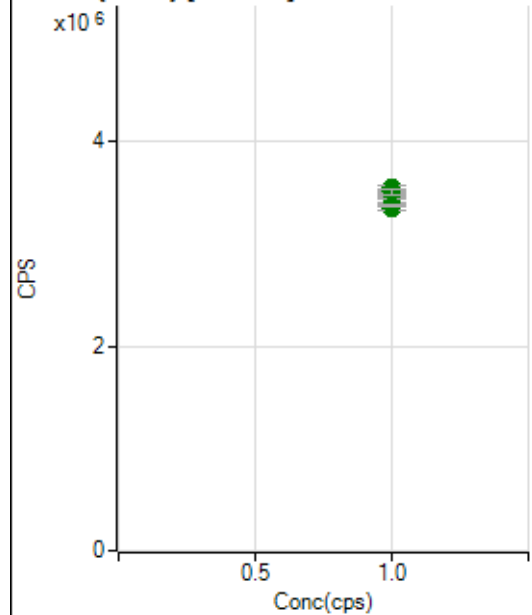
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1395305.25		P	0.5
2	☐	1.000		1401483.78		P	0.4
3	☐	1.000		1403276.49		P	0.4
4	☐	1.000		1384779.53		P	1.0
5	☐	1.000		1376793.03		P	0.3
6	☐	1.000		1431044.16		M	4.2
7	☐	1.000		1393248.42		P	0.5
8	☐	1.000		1320683.25		P	0.2

115 In (ISTD) [No Gas]

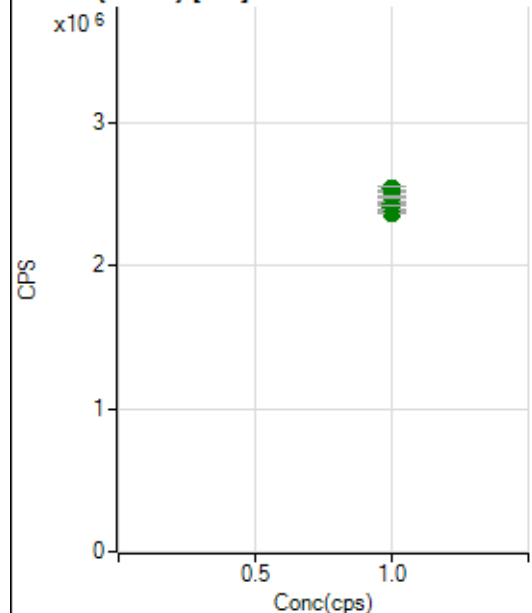
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2728762.67		A	1.8
2	☐	1.000		2720560.57		A	0.6
3	☐	1.000		2715294.10		A	1.0
4	☐	1.000		2691113.11		A	1.3
5	☐	1.000		2652322.49		A	1.0
6	☐	1.000		2681268.70		A	0.8
7	☐	1.000		2631235.14		A	0.7
8	☐	1.000		2694044.29		A	0.5

115 In (ISTD) [He]

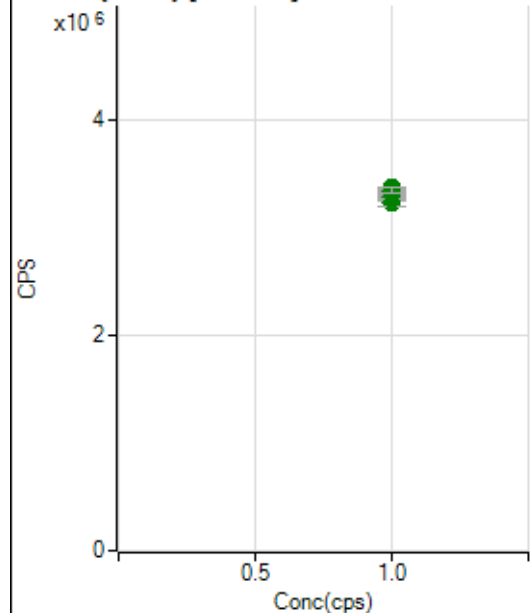
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		943963.19		P	0.5
2	☐	1.000		952897.53		P	0.3
3	☐	1.000		954401.74		P	0.1
4	☐	1.000		939934.68		P	1.1
5	☐	1.000		931368.37		P	0.1
6	☐	1.000		947344.55		P	0.7
7	☐	1.000		933491.61		P	0.8
8	☐	1.000		946630.58		P	0.3

159 Tb (ISTD) [No Gas]

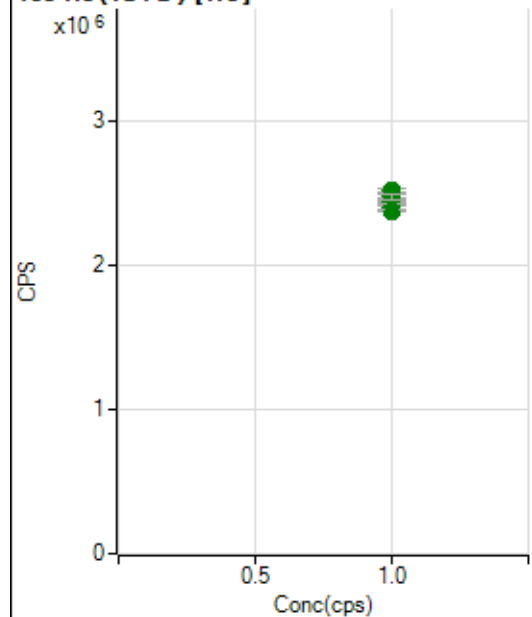
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3361971.72		A	2.2
2	☐	1.000		3352151.37		A	1.7
3	☐	1.000		3408338.42		A	0.1
4	☐	1.000		3441705.12		A	1.6
5	☐	1.000		3381086.72		A	0.5
6	☐	1.000		3477112.34		A	1.6
7	☐	1.000		3548759.11		A	1.6
8	☐	1.000		3509064.50		A	1.3

159 Tb (ISTD) [He]

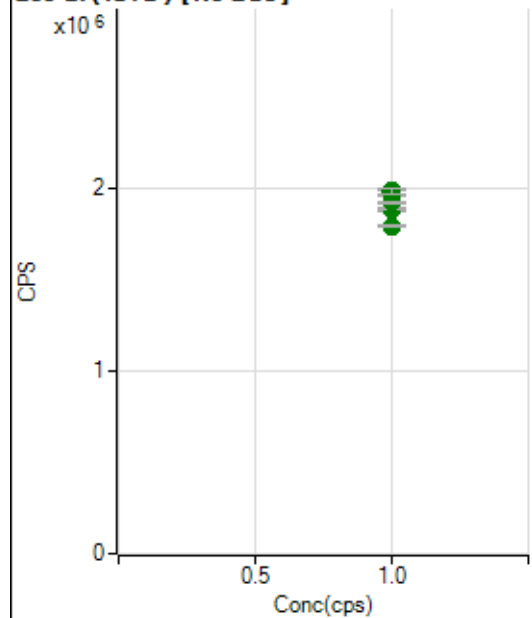
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2371944.93		A	0.6
2	☐	1.000		2411079.79		A	1.3
3	☐	1.000		2444294.22		A	0.5
4	☐	1.000		2456596.77		A	2.4
5	☐	1.000		2438431.25		A	0.9
6	☐	1.000		2540698.00		A	1.0
7	☐	1.000		2539689.35		A	1.9
8	☐	1.000		2488487.90		A	0.5

165 Ho (ISTD) [No Gas]

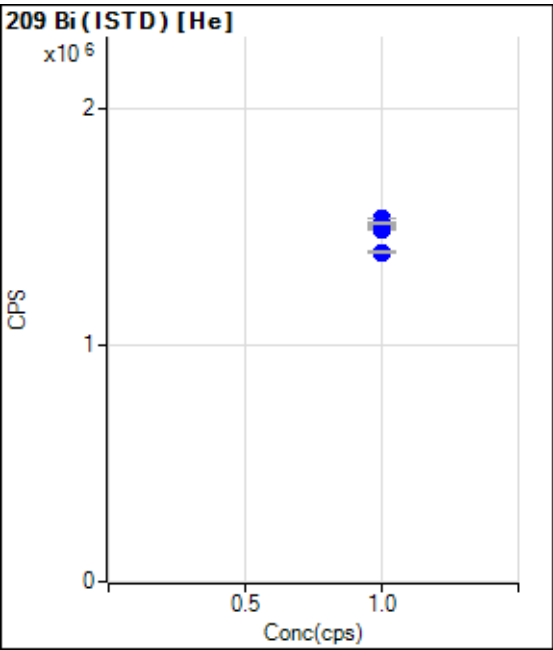
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3221570.68		A	1.8
2	☐	1.000		3257548.91		A	0.6
3	☐	1.000		3268001.86		A	1.1
4	☐	1.000		3322477.49		A	1.1
5	☐	1.000		3279045.61		A	1.0
6	☐	1.000		3313473.43		A	0.8
7	☐	1.000		3362713.14		A	0.5
8	☐	1.000		3341495.99		A	1.6

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2376304.60		A	0.6
2	☐	1.000		2397716.75		A	0.8
3	☐	1.000		2426133.89		A	0.6
4	☐	1.000		2441125.34		A	1.5
5	☐	1.000		2433576.20		A	1.2
6	☐	1.000		2512652.60		A	1.0
7	☐	1.000		2497248.33		A	0.5
8	☐	1.000		2473353.18		A	1.5

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1883699.78		A	1.1
2	☐	1.000		1914969.71		A	1.6
3	☐	1.000		1887063.31		A	0.5
4	☐	1.000		1981246.88		A	2.5
5	☐	1.000		1923629.40		A	0.4
6	☐	1.000		1981205.89		A	1.2
7	☐	1.000		1987313.04		A	1.3
8	☐	1.000		1795158.17		A	0.6



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1488237.60		P	0.4
2	☐	1.000		1497818.09		P	0.2
3	☐	1.000		1513275.01		P	0.7
4	☐	1.000		1513736.78		P	1.1
5	☐	1.000		1513426.75		P	0.7
6	☐	1.000		1535123.43		P	0.2
7	☐	1.000		1517121.11		P	0.5
8	☐	1.000		1393964.96		P	0.7

US EPA Tune Check Report

Reviewed By:
On:
Inst Id :P7
LB :LB136195

Operator Name Jaswal
Acq/Data Batch D:\Agilent\ICPMH\1\DATA\p7061825ms.b
Acq. Date-Time 2025-06-18 10:34:45
Report Comment ---
Instrument Name G8403A JP14410463

[No Gas]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
9		2170	21702.32			0.431	5.000
24		48367	483668.43			0.183	5.000
25		6328	63280.34			0.560	5.000
26		7049	70488.02			0.227	5.000
59		31848	318477.21			0.385	5.000
113		4691	46909.68			1.073	5.000
115		56441	564412.02			0.855	5.000
206		10496	104963.92			1.740	5.000
207		9156	91556.73			2.149	5.000
208		21906	219062.96			1.814	5.000
220		0	2.60			28.524	

Mass	RSD% (Flag)
9	
24	
25	
26	
59	
113	
115	
206	
207	
208	
220	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	2185	2173	2168	2165	2160
24	48302	48262	48451	48463	48358
25	6269	6321	6345	6348	6356
26	7042	7044	7055	7030	7073
59	31778	31995	31679	31913	31875
113	4753	4711	4681	4695	4615
115	57205	56556	56132	56351	55962
206	10750	10631	10379	10340	10382
207	9413	9317	9052	9029	8967
208	22407	22259	21553	21601	21712

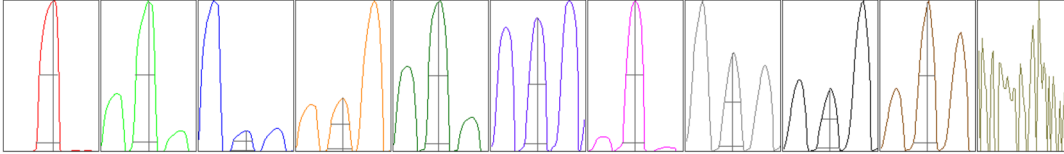
US EPA Tune Check Report

Reviewed By:
On:
Inst Id :P7
LB :LB136195

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
220	0	0	0	0	0

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	3762.76	9.10	8.90 - 9.10	
24	84410.24	24.05	23.90 - 24.10	
25	11041.91	25.05	24.90 - 25.10	
26	12631.56	26.00	25.90 - 26.10	
59	55222.00	58.95	58.90 - 59.10	
113	9050.16	113.00	112.90 - 113.10	
115	107988.68	115.00	114.90 - 115.10	
206	21366.51	206.00	205.90 - 206.10	
207	18702.96	207.00	206.90 - 207.10	
208	44742.69	208.00	207.90 - 208.10	
220			-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.60	0.735	0.900	
24	0.60	0.775	0.900	
25	0.60	0.747	0.900	
26	0.59	0.780	0.900	
59	0.60	0.768	0.900	
113	0.53	0.718	0.900	
115	0.54	0.698	0.900	
206	0.50	0.768	0.900	
207	0.50	0.730	0.900	
208	0.50	0.746	0.900	
220				

Integration Time [sec] 0.1

Acquisition Time [sec] 256.770000000002

Y Axis Linear

Tune Parameters

Plasma Parameters

Plasma Mode --- Nebulizer Gas 0.87 L/min Dilution Gas 0.40 L/min

US EPA Tune Check Report

Reviewed By:
On:
Inst Id :P7
LB :LB136195

RF Power	1600 W	Option Gas	---	Auxiliary Gas	0.90
RF Matching	1.80 V	Nebulizer Pump	0.10 rps	Plasma Gas	15.0
Sample Depth	9.0 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	0.0 V	Omega Lens	7.6 V	Deflect	16.6 V
Extract 2	-105.0 V	Cell Entrance	-30 V	Plate Bias	-35 V
Omega Bias	-40 V	Cell Exit	-50 V		

Cell Parameters

Use Gas	No	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	0.0 mL/min	OctP Bias	-8.0 V		
H2 Flow	---	OctP RF	190 V		

QP Parameters

Mass Gain	139	Axis Gain	0.9976	QP Bias	-3.0 V
Mass Offset	130	Axis Offset	0.13		

Hardware Settings

Torch

Torch H	-0.5 mm	Torch V	0.1 mm
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EM

Discriminator	4.7 mV	Analog HV	2319 V	Pulse HV	1152 V
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[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		10601	106007.96			0.524	
89		34579	345787.20			0.372	
205		12189	121891.28			0.391	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	10567	10627	10687	10560	10563
89	34530	34538	34512	34808	34505
205	12182	12221	12247	12123	12173

Integration Time [sec] 0.1

Tune Parameters

Plasma Parameters

Plasma Mode	---	Nebulizer Gas	0.87 L/min	Dilution Gas	0.40 L/min
RF Power	1600 W	Option Gas	---	Auxiliary Gas	0.90 L/min
RF Matching	1.80 V	Nebulizer Pump	0.10 rps	Plasma Gas	15.0 L/min
Sample Depth	9.0 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	0.0 V	Omega Lens	9.2 V	Deflect	3.8 V
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US EPA Tune Check Report

Reviewed By:
On:
Inst Id :P7
LB :LB136195

Extract 2	-130.0 V	Cell Entrance	-40 V	Plate Bias	-60 V
Omega Bias	-60 V	Cell Exit	-60 V		
Cell Parameters					
Use Gas	Yes	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	3.9 mL/min	OctP Bias	-18.0 V		
H2 Flow	---	OctP RF	200 V		
QP Parameters					
Mass Gain	139	Axis Gain	0.9976	QP Bias	-13.0 V
Mass Offset	130	Axis Offset	0.13		
Hardware Settings					
Torch					
Torch H	-0.5 mm	Torch V	0.1 mm		
EM					
Discriminator	4.7 mV	Analog HV	2319 V	Pulse HV	1152 V

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : S0 Instrumnet Name : P7
Client Sample ID : S0 Dilution Factor : 1
Date & Time Acquired : 2025-06-18 11:14:48 DataFile Name : 005CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.27	0.00	-0.27	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.01	0.01	-0.02	0.00	N/A	ppb
Barium	135-1	0.01	0.01	-0.02	0.00	N/A	ppb
Barium	137-1	0.01	0.00	-0.01	0.00	N/A	ppb
Beryllium	9-1	-0.03	0.00	0.03	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.01	-0.03	0.02	0.00	N/A	ppb
Cadmium	106-1	0.15	0.20	-0.35	0.00	N/A	ppb
Cadmium	111-1	0.01	0.02	-0.02	0.00	N/A	ppb
Calcium	43-1	-3.30	4.62	-1.32	0.00	N/A	ppb
Calcium	44-1	0.08	-0.40	0.32	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	0.00	-0.02	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	-0.02	-0.01	0.04	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	0.11	0.01	-0.12	0.00	N/A	ppb
Iron	57-2	0.16	0.92	-1.08	0.00	N/A	ppb
Iron	54-2	-1.52	0.22	1.30	0.00	N/A	ppb
Krypton	83-1						cps

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : S0 Instrumnet Name : P7
Client Sample ID : S0 Dilution Factor : 1
Date & Time Acquired : 2025-06-18 11:14:48 DataFile Name : 005CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.01	-0.01	0.00	0.00	N/A	ppb
Lead	207-1	0.01	-0.01	0.00	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.16	-0.14	0.30	0.00	N/A	ppb
Manganese	55-2	-0.01	-0.02	0.03	0.00	N/A	ppb
Molybdenum	94-1	0.01	-0.01	0.00	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.01	0.00	N/A	ppb
Molybdenum	96-1	0.01	0.00	-0.01	0.00	N/A	ppb
Molybdenum	97-1	0.03	-0.04	0.01	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.07	0.01	-0.08	0.00	N/A	ppb
Phosphorus	31-2	-12.23	-28.62	-11.36	-17.40		ppb
Potassium	39-2	0.14	0.48	-0.62	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Sdium	23-2	1.17	-1.25	0.08	0.00	N/A	ppb
Selenium	82-1	0.32	0.00	-0.32	0.00	N/A	ppb
Selenium	77-2	0.52	-0.26	-0.26	0.00	N/A	ppb
Selenium	78-2	0.61	-1.03	0.43	0.00	N/A	ppb
Silicon	28-1	-1.45	1.04	0.41	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Strontium	86-1	0.04	0.02	-0.06	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-39.17	-21.89	-142.75	-67.94		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	-0.01	0.01	0.00	0.00	N/A	ppb
Titanium	47-1	0.02	-0.05	0.03	0.00	N/A	ppb

LB Number : LB136195 Operator : Jaswal
 Lab Sample ID : S0 Instrumnet Name : P7
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired : 2025-06-18 11:14:48 DataFile Name : 005CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	0.02	0.10	-0.12	0.00	N/A	ppb
Zirconium	90-1	0.00	0.01	-0.01	0.00	N/A	ppb
Zirconium	91-1	0.00	-0.01	0.00	0.00	N/A	ppb

LB Number :

LB136195

Operator :

Jaswal

Lab Sample ID :

S2

Instrumnet Name :

P7

Client Sample ID :

S2

Dilution Factor :

1

Date & Time Acquired :

2025-06-18 11:18:13

DataFile Name :

006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.29	19.60	22.14	20.68	6.36	ppb
Antimony	121-1	2.12	2.10	2.05	2.09	1.73	ppb
Arsenic	75-2	1.18	1.32	1.35	1.28	7.16	ppb
Barium	135-1	9.87	9.61	9.71	9.73	1.35	ppb
Barium	137-1	10.38	9.71	9.88	9.99	3.45	ppb
Beryllium	9-1	1.24	1.13	1.11	1.16	5.78	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.76	1.36	0.96	1.03	29.83	ppb
Cadmium	106-1	3.59	2.13	1.64	2.45	41.20	ppb
Cadmium	111-1	1.33	1.22	1.14	1.23	7.81	ppb
Calcium	43-1	477.23	465.27	498.62	480.37	3.52	ppb
Calcium	44-1	495.12	501.13	502.28	499.51	0.77	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.08	2.15	2.23	2.16	3.42	ppb
Cobalt	59-2	1.07	1.05	1.12	1.08	3.36	ppb
Copper	63-2	2.33	2.01	1.97	2.11	9.40	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				101		%
Iron	56-2	51.02	49.55	50.54	50.37	1.49	ppb
Iron	57-2	47.65	55.54	55.87	53.02	8.78	ppb
Iron	54-2	51.25	46.89	51.88	50.01	5.43	ppb
Krypton	83-1						cps

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : S2 Instrumnet Name : P7
Client Sample ID : S2 Dilution Factor : 1
Date & Time Acquired : 2025-06-18 11:18:13 DataFile Name : 006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.93	0.90	0.89	0.91	2.59	ppb
Lead	207-1	0.91	0.90	0.87	0.89	2.06	ppb
Lead	208-1	0.92	0.89	0.89	0.90	2.06	ppb
Lithium	6-1				100		%
Magnesium	24-2	472.78	465.92	479.45	472.72	1.43	ppb
Manganese	55-2	0.94	0.89	1.02	0.95	7.21	ppb
Molybdenum	94-1	5.79	5.83	6.11	5.91	2.95	ppb
Molybdenum	95-1	4.95	5.07	5.00	5.01	1.12	ppb
Molybdenum	96-1	5.09	5.09	4.99	5.06	1.15	ppb
Molybdenum	97-1	4.85	5.21	5.00	5.02	3.65	ppb
Molybdenum	98-1	4.94	5.02	5.12	5.03	1.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.08	1.04	1.09	1.07	2.75	ppb
Phosphorus	31-2	15.95	12.19	24.07	17.40	34.88	ppb
Potassium	39-2	485.47	479.81	488.25	484.51	0.89	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Sdium	23-2	474.26	473.60	479.22	475.69	0.65	ppb
Selenium	82-1	5.95	6.80	5.08	5.94	14.50	ppb
Selenium	77-2	2.10	6.41	4.47	4.32	49.89	ppb
Selenium	78-2	3.54	6.48	4.27	4.76	32.09	ppb
Silicon	28-1	-1.10	0.17	1.35	0.14	856.68	ppb
Silver	107-1	1.07	1.08	1.01	1.06	3.61	ppb
Silver	109-1	1.04	1.05	1.04	1.04	0.66	ppb
Strontium	86-1	1.03	1.09	1.11	1.08	3.76	ppb
Strontium	88-1	0.97	1.03	0.99	1.00	3.29	ppb
Sulfur	34-1	-33.39	54.16	183.04	67.94	160.25	ppb
Terbium	159-1				100		%
Terbium	159-2				102		%
Thallium	203-1	0.93	0.92	0.90	0.91	1.62	ppb
Thallium	205-1	0.93	0.92	0.89	0.91	2.44	ppb
Tin	118-1	5.17	5.08	5.05	5.10	1.26	ppb
Titanium	47-1	4.62	4.67	5.13	4.81	5.88	ppb

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : S2 Instrumnet Name : P7
Client Sample ID : S2 Dilution Factor : 1
Date & Time Acquired : 2025-06-18 11:18:13 DataFile Name : 006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.92	0.92	0.89	0.91	2.27	ppb
Vanadium	51-2	5.19	5.07	5.19	5.15	1.30	ppb
Yttrium	89-1				98		%
Yttrium	89-2				101		%
Zinc	66-2	4.91	4.63	5.16	4.90	5.41	ppb
Zirconium	90-1	0.95	0.95	0.96	0.95	0.69	ppb
Zirconium	91-1	1.11	1.01	1.03	1.05	4.91	ppb

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : S3 Instrumnet Name : P7
Client Sample ID : S3 Dilution Factor : 1
Date & Time Acquired : 2025-06-18 11:24:58 DataFile Name : 008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	911.86	924.19	919.03	918.36	0.67	ppb
Antimony	121-1	47.84	48.11	48.41	48.12	0.60	ppb
Arsenic	75-2	53.45	53.32	51.79	52.85	1.74	ppb
Barium	135-1	232.19	232.40	233.75	232.78	0.36	ppb
Barium	137-1	234.02	234.34	234.12	234.16	0.07	ppb
Beryllium	9-1	51.45	53.50	53.18	52.71	2.09	ppb
Bismuth	209-1				100		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	53.61	52.13	55.59	53.78	3.24	ppb
Cadmium	106-1	55.42	54.79	54.45	54.89	0.90	ppb
Cadmium	111-1	52.49	53.43	54.46	53.46	1.84	ppb
Calcium	43-1	4781.55	4784.54	4764.60	4776.90	0.23	ppb
Calcium	44-1	4738.86	4744.78	4767.49	4750.37	0.32	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	48.94	49.21	48.73	48.96	0.49	ppb
Cobalt	59-2	49.42	49.88	48.45	49.25	1.48	ppb
Copper	63-2	488.68	490.54	483.82	487.68	0.71	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				102		%
Indium	115-1				100		%
Indium	115-2				101		%
Iron	56-2	2557.46	2526.33	2401.11	2494.97	3.32	ppb
Iron	57-2	2413.18	2417.98	2409.12	2413.43	0.18	ppb
Iron	54-2	2461.37	2458.75	2442.20	2454.11	0.42	ppb
Krypton	83-1						cps

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : S3 Instrumnet Name : P7
Client Sample ID : S3 Dilution Factor : 1
Date & Time Acquired : 2025-06-18 11:24:58 DataFile Name : 008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	222.98	225.40	225.98	224.79	0.71	ppb
Lead	207-1	223.89	223.87	222.79	223.52	0.28	ppb
Lead	208-1	222.15	223.22	223.55	222.97	0.33	ppb
Lithium	6-1				103		%
Magnesium	24-2	4636.42	4627.57	4599.64	4621.21	0.42	ppb
Manganese	55-2	473.73	477.71	471.67	474.37	0.65	ppb
Molybdenum	94-1	473.79	473.09	479.32	475.40	0.72	ppb
Molybdenum	95-1	469.18	462.86	471.78	467.94	0.98	ppb
Molybdenum	96-1	471.69	464.88	471.64	469.40	0.83	ppb
Molybdenum	97-1	473.71	471.61	479.95	475.09	0.91	ppb
Molybdenum	98-1	508.06	499.25	504.27	503.86	0.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	52.08	53.34	52.23	52.55	1.31	ppb
Phosphorus	31-2	1021.89	1099.14	1057.38	1059.47	3.65	ppb
Potassium	39-2	2287.60	2302.55	2305.76	2298.64	0.42	ppb
Rhodium	103-1				99		%
Rhodium	103-2				101		%
Scandium	45-1				101		%
Scandium	45-2				102		%
Sdium	23-2	5010.46	4959.29	4811.50	4927.08	2.10	ppb
Selenium	82-1	53.23	53.19	51.56	52.66	1.81	ppb
Selenium	77-2	62.00	60.98	50.23	57.74	11.29	ppb
Selenium	78-2	55.77	47.28	55.74	52.93	9.24	ppb
Silicon	28-1	85.08	86.86	89.36	87.10	2.47	ppb
Silver	107-1	49.60	50.15	50.59	50.11	1.00	ppb
Silver	109-1	49.16	49.91	50.12	49.73	1.02	ppb
Strontium	86-1	51.45	50.83	50.54	50.94	0.91	ppb
Strontium	88-1	46.78	46.70	47.16	46.88	0.53	ppb
Sulfur	34-1	1157.22	1254.53	1122.07	1177.94	5.83	ppb
Terbium	159-1				101		%
Terbium	159-2				103		%
Thallium	203-1	45.66	45.55	45.20	45.47	0.53	ppb
Thallium	205-1	44.24	44.91	44.66	44.60	0.76	ppb
Tin	118-1	47.85	47.79	48.99	48.21	1.40	ppb
Titanium	47-1	460.76	466.08	469.01	465.28	0.90	ppb

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : S3 Instrumnet Name : P7
Client Sample ID : S3 Dilution Factor : 1
Date & Time Acquired : 2025-06-18 11:24:58 DataFile Name : 008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	43.03	43.30	43.18	43.17	0.31	ppb
Vanadium	51-2	48.60	49.42	48.59	48.87	0.97	ppb
Yttrium	89-1				99		%
Yttrium	89-2				101		%
Zinc	66-2	497.43	496.92	493.74	496.03	0.40	ppb
Zirconium	90-1	46.51	46.46	47.00	46.66	0.64	ppb
Zirconium	91-1	47.60	46.79	47.86	47.42	1.18	ppb

LB Number :
LB136195

Operator :
Jaswal

Lab Sample ID :
S4

Instrumnet Name :
P7

Client Sample ID :
S4

Dilution Factor :
1

Date & Time Acquired :
2025-06-18 11:31:33

DataFile Name :
010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2248.68	2184.58	2216.06	2216.44	1.45	ppb
Antimony	121-1	112.18	115.54	115.42	114.38	1.67	ppb
Arsenic	75-2	123.93	122.04	121.50	122.49	1.04	ppb
Barium	135-1	542.83	560.72	556.72	553.43	1.70	ppb
Barium	137-1	546.52	561.62	568.37	558.84	2.00	ppb
Beryllium	9-1	124.81	126.18	126.70	125.89	0.78	ppb
Bismuth	209-1				105		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	122.55	132.43	128.09	127.69	3.88	ppb
Cadmium	106-1	121.48	131.53	129.88	127.63	4.22	ppb
Cadmium	111-1	123.93	128.62	127.96	126.84	2.00	ppb
Calcium	43-1	11433.21	11437.26	11645.87	11505.45	1.06	ppb
Calcium	44-1	11644.56	11832.64	11901.42	11792.88	1.13	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	118.32	116.53	118.07	117.64	0.82	ppb
Cobalt	59-2	119.98	117.89	118.96	118.94	0.88	ppb
Copper	63-2	1255.03	1224.43	1255.75	1245.07	1.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				103		%
Indium	115-1				99		%
Indium	115-2				100		%
Iron	56-2	5952.76	5908.33	5940.67	5933.92	0.39	ppb
Iron	57-2	5757.65	5749.48	5849.40	5785.51	0.96	ppb
Iron	54-2	5931.04	5832.41	5907.86	5890.44	0.88	ppb
Krypton	83-1						cps

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : S4 Instrumnet Name : P7
Client Sample ID : S4 Dilution Factor : 1
Date & Time Acquired : 2025-06-18 11:31:33 DataFile Name : 010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	580.35	605.80	583.79	589.98	2.34	ppb
Lead	207-1	515.00	530.55	527.10	524.22	1.56	ppb
Lead	208-1	566.65	587.21	574.94	576.26	1.80	ppb
Lithium	6-1				105		%
Magnesium	24-2	12657.10	11922.71	12290.51	12290.11	2.99	ppb
Manganese	55-2	1240.79	1199.83	1236.47	1225.70	1.84	ppb
Molybdenum	94-1	1195.31	1206.88	1204.36	1202.18	0.51	ppb
Molybdenum	95-1	1204.15	1208.02	1201.35	1204.51	0.28	ppb
Molybdenum	96-1	1224.61	1206.69	1220.01	1217.10	0.77	ppb
Molybdenum	97-1	1226.48	1223.39	1195.84	1215.24	1.39	ppb
Molybdenum	98-1	1193.10	1222.52	1163.92	1193.18	2.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	128.22	125.47	128.24	127.31	1.25	ppb
Phosphorus	31-2	2484.54	2345.25	2489.49	2439.76	3.36	ppb
Potassium	39-2	5934.36	5750.82	5755.35	5813.51	1.80	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				99		%
Scandium	45-2				100		%
Sdium	23-2	12055.78	11691.18	12073.16	11940.04	1.81	ppb
Selenium	82-1	125.63	125.98	126.03	125.88	0.17	ppb
Selenium	77-2	114.41	113.22	123.38	117.01	4.75	ppb
Selenium	78-2	123.17	114.24	128.06	121.82	5.75	ppb
Silicon	28-1	149.41	150.32	152.62	150.78	1.10	ppb
Silver	107-1	113.76	120.80	119.83	118.13	3.23	ppb
Silver	109-1	114.18	119.81	119.15	117.72	2.61	ppb
Strontium	86-1	121.21	121.87	121.63	121.57	0.28	ppb
Strontium	88-1	120.11	119.11	123.15	120.79	1.74	ppb
Sulfur	34-1	2653.34	2708.35	2539.13	2633.61	3.28	ppb
Terbium	159-1				102		%
Terbium	159-2				104		%
Thallium	203-1	104.15	107.94	105.83	105.97	1.79	ppb
Thallium	205-1	103.65	106.18	105.48	105.10	1.24	ppb
Tin	118-1	110.72	116.10	115.07	113.96	2.51	ppb
Titanium	47-1	1114.64	1110.78	1128.97	1118.13	0.86	ppb

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : S4 Instrumnet Name : P7
Client Sample ID : S4 Dilution Factor : 1
Date & Time Acquired : 2025-06-18 11:31:33 DataFile Name : 010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	100.31	103.60	103.05	102.32	1.72	ppb
Vanadium	51-2	117.89	116.49	118.16	117.51	0.76	ppb
Yttrium	89-1				98		%
Yttrium	89-2				101		%
Zinc	66-2	1206.37	1177.94	1211.21	1198.50	1.50	ppb
Zirconium	90-1	111.56	111.77	111.35	111.56	0.19	ppb
Zirconium	91-1	114.64	115.05	114.04	114.58	0.45	ppb

LB Number :

LB136195

Operator :

Jaswal

Lab Sample ID :

S5

Instrumnet Name :

P7

Client Sample ID :

S5

Dilution Factor :

1

Date & Time Acquired :

2025-06-18 11:34:48

DataFile Name :

011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4419.87	4429.21	4432.94	4427.34	0.15	ppb
Antimony	121-1	230.85	234.96	232.59	232.80	0.89	ppb
Arsenic	75-2	246.66	247.44	256.01	250.04	2.07	ppb
Barium	135-1	1114.66	1140.93	1127.88	1127.83	1.16	ppb
Barium	137-1	1253.70	1261.71	1238.68	1251.37	0.93	ppb
Beryllium	9-1	252.31	254.29	249.05	251.89	1.05	ppb
Bismuth	209-1				102		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	257.16	253.27	260.69	257.04	1.44	ppb
Cadmium	106-1	252.48	262.62	253.11	256.07	2.22	ppb
Cadmium	111-1	255.04	258.24	256.53	256.60	0.62	ppb
Calcium	43-1	23283.81	23634.47	23308.53	23408.94	0.84	ppb
Calcium	44-1	24198.55	24495.26	23784.16	24159.32	1.48	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	236.89	239.93	235.45	237.42	0.96	ppb
Cobalt	59-2	237.02	239.64	237.86	238.17	0.56	ppb
Copper	63-2	2478.57	2493.85	2525.43	2499.28	0.96	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				102		%
Indium	115-1				97		%
Indium	115-2				99		%
Iron	56-2	12092.29	12090.75	12109.34	12097.46	0.09	ppb
Iron	57-2	11749.14	11863.39	11661.90	11758.14	0.86	ppb
Iron	54-2	11897.07	11833.05	11901.92	11877.35	0.32	ppb
Krypton	83-1						cps

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : S5 Instrumnet Name : P7
Client Sample ID : S5 Dilution Factor : 1
Date & Time Acquired : 2025-06-18 11:34:48 DataFile Name : 011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1223.69	1222.53	1251.86	1232.69	1.35	ppb
Lead	207-1	1257.36	1237.69	1221.99	1239.02	1.43	ppb
Lead	208-1	1227.99	1221.50	1231.83	1227.11	0.43	ppb
Lithium	6-1				104		%
Magnesium	24-2	24422.84	24665.83	24446.09	24511.59	0.55	ppb
Manganese	55-2	2496.94	2482.76	2495.70	2491.80	0.32	ppb
Molybdenum	94-1	2455.89	2477.00	2469.89	2467.59	0.44	ppb
Molybdenum	95-1	2447.86	2452.92	2422.82	2441.20	0.66	ppb
Molybdenum	96-1	2448.97	2436.55	2454.13	2446.55	0.37	ppb
Molybdenum	97-1	2449.36	2526.67	2479.37	2485.14	1.57	ppb
Molybdenum	98-1	2482.90	2461.15	2467.38	2470.48	0.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	257.97	257.36	255.83	257.05	0.43	ppb
Phosphorus	31-2	4971.83	4996.44	5002.35	4990.21	0.32	ppb
Potassium	39-2	11556.85	11720.80	11460.54	11579.40	1.14	ppb
Rhodium	103-1				96		%
Rhodium	103-2				99		%
Scandium	45-1				97		%
Scandium	45-2				100		%
Sdium	23-2	24250.53	24219.70	24192.22	24220.82	0.12	ppb
Selenium	82-1	253.49	252.00	253.08	252.86	0.30	ppb
Selenium	77-2	256.29	252.19	241.98	250.15	2.95	ppb
Selenium	78-2	258.79	252.80	248.69	253.43	2.00	ppb
Silicon	28-1	275.16	276.07	272.29	274.51	0.72	ppb
Silver	107-1	238.10	239.47	238.70	238.76	0.29	ppb
Silver	109-1	236.72	237.97	237.27	237.32	0.26	ppb
Strontium	86-1	245.20	247.69	246.79	246.56	0.51	ppb
Strontium	88-1	239.20	246.53	244.73	243.48	1.57	ppb
Sulfur	34-1	5409.84	5196.03	4942.59	5182.82	4.51	ppb
Terbium	159-1				101		%
Terbium	159-2				103		%
Thallium	203-1	215.27	220.76	222.45	219.49	1.71	ppb
Thallium	205-1	240.38	247.09	247.92	245.13	1.69	ppb
Tin	118-1	231.41	235.93	231.28	232.87	1.14	ppb
Titanium	47-1	2470.86	2492.24	2416.17	2459.76	1.59	ppb

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : S5 Instrumnet Name : P7
Client Sample ID : S5 Dilution Factor : 1
Date & Time Acquired : 2025-06-18 11:34:48 DataFile Name : 011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	241.32	249.96	254.12	248.47	2.63	ppb
Vanadium	51-2	237.37	237.52	234.16	236.35	0.80	ppb
Yttrium	89-1				97		%
Yttrium	89-2				100		%
Zinc	66-2	2407.25	2397.55	2383.04	2395.95	0.51	ppb
Zirconium	90-1	239.97	251.07	240.49	243.84	2.57	ppb
Zirconium	91-1	229.78	232.37	231.85	231.33	0.59	ppb

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : S6 Instrumnet Name : P7
Client Sample ID : S6 Dilution Factor : 1
Date & Time Acquired : 2025-06-18 11:37:51 DataFile Name : 012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8805.02	8775.64	8653.64	8744.77	0.92	ppb
Antimony	121-1	510.72	505.16	493.72	503.20	1.72	ppb
Arsenic	75-2	506.42	497.18	498.25	500.62	1.01	ppb
Barium	135-1	2516.85	2580.50	2489.26	2528.87	1.85	ppb
Barium	137-1	2517.28	2518.69	2485.21	2507.06	0.76	ppb
Beryllium	9-1	496.33	500.34	502.03	499.57	0.59	ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	515.34	503.39	503.89	507.54	1.33	ppb
Cadmium	106-1	496.46	510.59	508.22	505.09	1.50	ppb
Cadmium	111-1	504.90	508.37	500.19	504.49	0.81	ppb
Calcium	43-1	45417.43	47644.68	46693.16	46585.09	2.40	ppb
Calcium	44-1	46673.02	48317.23	47819.31	47603.19	1.77	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	475.55	471.16	472.57	473.09	0.47	ppb
Cobalt	59-2	476.34	468.83	471.91	472.36	0.80	ppb
Copper	63-2	5028.41	4992.04	4983.46	5001.30	0.48	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				106		%
Indium	115-1				98		%
Indium	115-2				100		%
Iron	56-2	24572.45	24161.21	23903.55	24212.40	1.39	ppb
Iron	57-2	23406.01	23180.52	23091.75	23226.09	0.70	ppb
Iron	54-2	24680.68	24753.05	24493.67	24642.46	0.54	ppb
Krypton	83-1						cps

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : S6 Instrumnet Name : P7
Client Sample ID : S6 Dilution Factor : 1
Date & Time Acquired : 2025-06-18 11:37:51 DataFile Name : 012CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2448.05	2471.82	2477.33	2465.73	0.63	ppb
Lead	207-1	2489.30	2490.91	2472.72	2484.31	0.41	ppb
Lead	208-1	2463.61	2467.55	2471.24	2467.46	0.15	ppb
Lithium	6-1				103		%
Magnesium	24-2	48380.08	48391.05	48019.57	48263.57	0.44	ppb
Manganese	55-2	4964.38	4933.88	4890.60	4929.62	0.75	ppb
Molybdenum	94-1	4871.90	4958.65	5022.88	4951.14	1.53	ppb
Molybdenum	95-1	4850.94	4910.86	5095.81	4952.54	2.58	ppb
Molybdenum	96-1	4816.55	4908.22	5020.54	4915.11	2.08	ppb
Molybdenum	97-1	4900.02	4904.33	5065.91	4956.75	1.91	ppb
Molybdenum	98-1	4769.47	4906.93	5070.66	4915.69	3.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	505.28	501.75	504.49	503.84	0.37	ppb
Phosphorus	31-2	10186.22	9895.45	9914.53	9998.74	1.63	ppb
Potassium	39-2	23314.10	23123.40	22907.86	23115.12	0.88	ppb
Rhodium	103-1				96		%
Rhodium	103-2				103		%
Scandium	45-1				99		%
Scandium	45-2				103		%
Sdium	23-2	48979.42	48089.61	47626.42	48231.82	1.43	ppb
Selenium	82-1	490.55	497.67	511.76	499.99	2.16	ppb
Selenium	77-2	498.36	516.80	537.58	517.58	3.79	ppb
Selenium	78-2	491.31	510.25	500.92	500.83	1.89	ppb
Silicon	28-1	484.54	521.38	514.65	506.86	3.87	ppb
Silver	107-1	518.10	512.07	501.65	510.61	1.63	ppb
Silver	109-1	504.22	511.65	501.78	505.88	1.02	ppb
Strontium	86-1	479.46	492.80	504.07	492.11	2.50	ppb
Strontium	88-1	473.97	485.49	500.13	486.53	2.69	ppb
Sulfur	34-1	9600.55	9944.91	9760.77	9768.74	1.76	ppb
Terbium	159-1				103		%
Terbium	159-2				107		%
Thallium	203-1	490.92	488.23	502.79	493.98	1.57	ppb
Thallium	205-1	500.28	491.08	497.55	496.30	0.95	ppb
Tin	118-1	500.41	505.55	491.49	499.15	1.42	ppb
Titanium	47-1	4920.82	4967.22	4939.47	4942.50	0.47	ppb

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : S6 Instrumnet Name : P7
Client Sample ID : S6 Dilution Factor : 1
Date & Time Acquired : 2025-06-18 11:37:51 DataFile Name : 012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	495.62	501.24	490.36	495.74	1.10	ppb
Vanadium	51-2	473.76	469.04	468.40	470.40	0.62	ppb
Yttrium	89-1				99		%
Yttrium	89-2				102		%
Zinc	66-2	5011.60	4971.15	4955.84	4979.53	0.58	ppb
Zirconium	90-1	484.65	491.01	505.72	493.79	2.19	ppb
Zirconium	91-1	453.33	465.00	475.82	464.72	2.42	ppb

LB Number :

LB136195

Operator :

Jaswal

Lab Sample ID :

S7

Instrumnet Name :

P7

Client Sample ID :

S7

Dilution Factor :

1

Date & Time Acquired :

2025-06-18 11:40:43

DataFile Name :

013CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19526.58	18832.33	18845.32	19068.08	2.08	ppb
Antimony	121-1	1010.77	1004.41	997.19	1004.12	0.68	ppb
Arsenic	75-2	1007.68	1002.36	989.51	999.85	0.93	ppb
Barium	135-1	5053.58	5079.85	4944.33	5025.92	1.43	ppb
Barium	137-1	5030.17	5008.74	4976.67	5005.19	0.54	ppb
Beryllium	9-1	987.74	1014.79	995.96	999.50	1.39	ppb
Bismuth	209-1				106		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1012.12	992.11	977.60	993.94	1.74	ppb
Cadmium	106-1	997.60	1004.08	984.42	995.36	1.01	ppb
Cadmium	111-1	1003.14	999.67	984.30	995.70	1.01	ppb
Calcium	43-1	94159.60	94263.64	95460.40	94627.88	0.76	ppb
Calcium	44-1	98069.13	98181.73	97886.03	98045.63	0.15	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1007.69	1019.38	1025.63	1017.57	0.89	ppb
Cobalt	59-2	1019.05	1022.16	1011.51	1017.57	0.54	ppb
Copper	63-2	10049.74	9982.60	9969.94	10000.76	0.43	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				105		%
Indium	115-1				96		%
Indium	115-2				99		%
Iron	56-2	48809.63	48286.99	47994.56	48363.73	0.85	ppb
Iron	57-2	48682.57	48679.69	49718.72	49027.00	1.22	ppb
Iron	54-2	48987.27	49244.43	49973.64	49401.78	1.04	ppb
Krypton	83-1						cps

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : S7 Instrumnet Name : P7
Client Sample ID : S7 Dilution Factor : 1
Date & Time Acquired : 2025-06-18 11:40:43 DataFile Name : 013CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	4955.88	5088.83	5036.59	5027.10	1.33	ppb
Lead	207-1	4865.42	5103.88	5104.23	5024.51	2.74	ppb
Lead	208-1	4894.11	5110.65	5083.55	5029.44	2.35	ppb
Lithium	6-1				103		%
Magnesium	24-2	95216.48	97162.44	95281.48	95886.80	1.15	ppb
Manganese	55-2	10028.96	9995.51	10100.21	10041.56	0.53	ppb
Molybdenum	94-1	9825.42	10237.96	10055.83	10039.74	2.06	ppb
Molybdenum	95-1	9923.35	10172.04	10041.77	10045.72	1.24	ppb
Molybdenum	96-1	9891.27	10306.32	9986.76	10061.45	2.16	ppb
Molybdenum	97-1	9825.91	10202.36	10064.53	10030.93	1.90	ppb
Molybdenum	98-1	9928.65	10198.89	10041.80	10056.45	1.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	995.69	995.44	996.58	995.90	0.06	ppb
Phosphorus	31-2	19929.95	19894.19	20198.77	20007.64	0.83	ppb
Potassium	39-2	46471.97	46680.09	46570.55	46574.20	0.22	ppb
Rhodium	103-1				96		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				104		%
Sdium	23-2	94965.52	95750.47	94397.07	95037.69	0.72	ppb
Selenium	82-1	989.82	1012.49	994.81	999.04	1.19	ppb
Selenium	77-2	1013.58	994.61	967.18	991.79	2.35	ppb
Selenium	78-2	982.67	1006.53	1007.75	998.98	1.42	ppb
Silicon	28-1	955.29	987.78	1013.32	985.47	2.95	ppb
Silver	107-1	1001.68	1014.28	979.12	998.36	1.78	ppb
Silver	109-1	1017.77	994.86	990.84	1001.15	1.45	ppb
Strontium	86-1	990.01	1019.03	1006.52	1005.19	1.45	ppb
Strontium	88-1	1010.01	1015.89	1001.24	1009.05	0.73	ppb
Sulfur	34-1	20281.46	19864.76	19986.76	20044.32	1.07	ppb
Terbium	159-1				106		%
Terbium	159-2				107		%
Thallium	203-1	980.66	1038.00	1021.07	1013.24	2.91	ppb
Thallium	205-1	989.67	1016.68	1011.12	1005.82	1.42	ppb
Tin	118-1	990.22	1038.73	989.57	1006.17	2.80	ppb
Titanium	47-1	9942.34	10100.13	10128.61	10057.03	1.00	ppb

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : S7 Instrumnet Name : P7
Client Sample ID : S7 Dilution Factor : 1
Date & Time Acquired : 2025-06-18 11:40:43 DataFile Name : 013CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	979.72	1023.70	1013.65	1005.69	2.29	ppb
Vanadium	51-2	1014.10	1022.26	1021.25	1019.20	0.44	ppb
Yttrium	89-1				100		%
Yttrium	89-2				104		%
Zinc	66-2	9982.17	10027.23	10119.25	10042.88	0.70	ppb
Zirconium	90-1	988.35	1025.83	1005.28	1006.49	1.86	ppb
Zirconium	91-1	1011.60	1031.54	1028.08	1023.74	1.04	ppb

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : S8 Instrumnet Name : P7
Client Sample ID : S8 Dilution Factor : 1
Date & Time Acquired : 2025-06-18 11:43:33 DataFile Name : 014CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100768.82	99982.31	100294.21	100348.45	0.39	ppb
Antimony	121-1	0.71	0.76	0.79	0.75	5.52	ppb
Arsenic	75-2	0.45	0.58	0.43	0.49	16.74	ppb
Barium	135-1	2.57	2.31	2.37	2.42	5.48	ppb
Barium	137-1	2.53	2.52	2.48	2.51	0.99	ppb
Beryllium	9-1	0.18	0.16	0.14	0.16	11.47	ppb
Bismuth	209-1				95		%
Bismuth	209-2				94		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.59	0.36	0.58	0.51	25.69	ppb
Cadmium	106-1	0.95	1.34	0.44	0.91	49.92	ppb
Cadmium	111-1	0.21	0.24	0.15	0.20	24.00	ppb
Calcium	43-1	492633.43	511637.00	500297.31	501522.58	1.91	ppb
Calcium	44-1	498033.40	503499.02	500545.87	500692.76	0.55	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.39	1.35	1.24	1.33	5.74	ppb
Cobalt	59-2	1.65	1.66	1.70	1.67	1.67	ppb
Copper	63-2	1.17	1.01	1.15	1.11	7.94	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				104		%
Indium	115-1				99		%
Indium	115-2				100		%
Iron	56-2	253269.15	249704.90	248328.23	250434.09	1.02	ppb
Iron	57-2	251952.25	249677.59	249634.85	250421.56	0.53	ppb
Iron	54-2	250802.95	249335.02	250449.97	250195.98	0.31	ppb
Krypton	83-1						cps

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : S8 Instrumnet Name : P7
Client Sample ID : S8 Dilution Factor : 1
Date & Time Acquired : 2025-06-18 11:43:33 DataFile Name : 014CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.02	0.96	1.03	1.00	3.56	ppb
Lead	207-1	1.01	0.93	0.98	0.97	4.33	ppb
Lead	208-1	1.02	0.96	1.00	0.99	3.02	ppb
Lithium	6-1				101		%
Magnesium	24-2	506088.42	500572.11	496428.76	501029.77	0.97	ppb
Manganese	55-2	4.06	3.97	4.18	4.07	2.67	ppb
Molybdenum	94-1	2.85	3.01	2.77	2.88	4.26	ppb
Molybdenum	95-1	1.13	1.08	1.17	1.12	3.80	ppb
Molybdenum	96-1	5.47	5.58	5.16	5.40	4.08	ppb
Molybdenum	97-1	1.43	1.32	1.38	1.37	3.98	ppb
Molybdenum	98-1	1.15	1.07	1.10	1.11	3.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.40	2.33	2.42	2.38	2.00	ppb
Phosphorus	31-2	-21.05	-21.87	-16.53	-19.82		ppb
Potassium	39-2	245906.73	253537.49	253353.68	250932.63	1.73	ppb
Rhodium	103-1				94		%
Rhodium	103-2				95		%
Scandium	45-1				102		%
Scandium	45-2				105		%
Sdium	23-2	497330.92	500488.49	505849.57	501222.99	0.86	ppb
Selenium	82-1	2.73	2.00	2.78	2.50	17.47	ppb
Selenium	77-2	0.51	0.12	0.50	0.37	58.82	ppb
Selenium	78-2	-0.61	0.23	-0.90	-0.43		ppb
Silicon	28-1	-4.59	-2.20	-3.02	-3.27		ppb
Silver	107-1	0.11	0.09	0.09	0.10	12.31	ppb
Silver	109-1	0.10	0.09	0.08	0.09	9.56	ppb
Strontium	86-1	14.38	14.07	13.69	14.05	2.44	ppb
Strontium	88-1	13.05	12.69	12.66	12.80	1.70	ppb
Sulfur	34-1	-1728.63	-1464.95	-1445.42	-1546.34		ppb
Terbium	159-1				104		%
Terbium	159-2				105		%
Thallium	203-1	0.13	0.11	0.14	0.13	11.61	ppb
Thallium	205-1	0.10	0.10	0.11	0.10	7.91	ppb
Tin	118-1	0.15	0.16	0.15	0.15	3.45	ppb
Titanium	47-1	0.60	0.63	0.45	0.56	17.44	ppb

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : S8 Instrumnet Name : P7
Client Sample ID : S8 Dilution Factor : 1
Date & Time Acquired : 2025-06-18 11:43:33 DataFile Name : 014CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.04	0.04	0.03	0.03	15.50	ppb
Vanadium	51-2	0.29	0.35	0.31	0.32	8.42	ppb
Yttrium	89-1				101		%
Yttrium	89-2				104		%
Zinc	66-2	4.89	4.09	4.38	4.45	9.13	ppb
Zirconium	90-1	0.84	0.85	0.82	0.84	1.75	ppb
Zirconium	91-1	0.75	0.88	0.83	0.82	8.13	ppb

LB Number :

LB136195

Operator :

Jaswal

Lab Sample ID :

ICV1

Instrumnet Name :

P7

Client Sample ID :

ICV1

Dilution Factor :

1

Date & Time Acquired :

2025-06-18 12:01:33

DataFile Name :

016ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	458.16	452.83	453.08	454.69	0.66	ppb
Antimony	121-1	190.59	196.76	194.51	193.95	1.61	ppb
Arsenic	75-2	210.54	216.10	216.26	214.30	1.52	ppb
Barium	135-1	97.77	99.04	98.85	98.55	0.69	ppb
Barium	137-1	97.64	101.51	100.61	99.92	2.03	ppb
Beryllium	9-1	111.91	113.02	112.19	112.37	0.52	ppb
Bismuth	209-1				103		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	101.05	102.04	102.60	101.90	0.77	ppb
Cadmium	106-1	98.65	102.40	97.23	99.43	2.68	ppb
Cadmium	111-1	107.31	112.14	112.00	110.48	2.49	ppb
Calcium	43-1	1957.25	2023.60	1956.63	1979.16	1.94	ppb
Calcium	44-1	1936.96	1994.31	1993.19	1974.82	1.66	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	102.51	102.12	102.04	102.22	0.25	ppb
Cobalt	59-2	106.60	106.66	104.88	106.05	0.95	ppb
Copper	63-2	100.82	100.33	100.44	100.53	0.25	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				106		%
Indium	115-1				103		%
Indium	115-2				105		%
Iron	56-2	2016.88	2049.53	1978.20	2014.87	1.77	ppb
Iron	57-2	1948.79	1945.54	1943.70	1946.01	0.13	ppb
Iron	54-2	2039.45	2039.63	2019.32	2032.80	0.57	ppb
Krypton	83-1						cps

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : ICV1 Instrumnet Name : P7
Client Sample ID : ICV1 Dilution Factor : 1
Date & Time Acquired : 2025-06-18 12:01:33 DataFile Name : 016ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	209.48	213.49	220.18	214.39	2.52	ppb
Lead	207-1	208.82	211.90	218.77	213.16	2.39	ppb
Lead	208-1	209.03	211.31	218.60	212.98	2.35	ppb
Lithium	6-1				98		%
Magnesium	24-2	1056.60	1045.89	1052.22	1051.57	0.51	ppb
Manganese	55-2	98.90	98.19	98.31	98.46	0.38	ppb
Molybdenum	94-1	0.13	0.13	0.13	0.13	3.79	ppb
Molybdenum	95-1	0.08	0.08	0.10	0.09	14.77	ppb
Molybdenum	96-1	0.12	0.15	0.13	0.13	12.60	ppb
Molybdenum	97-1	0.11	0.10	0.07	0.10	21.01	ppb
Molybdenum	98-1	0.10	0.11	0.09	0.10	10.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	114.06	113.53	113.31	113.63	0.34	ppb
Phosphorus	31-2	-32.10	-24.49	-9.32	-21.97		ppb
Potassium	39-2	1830.34	1812.04	1830.47	1824.28	0.58	ppb
Rhodium	103-1				104		%
Rhodium	103-2				112		%
Scandium	45-1				103		%
Scandium	45-2				104		%
Sdium	23-2	1791.56	1766.71	1731.68	1763.32	1.71	ppb
Selenium	82-1	208.13	211.33	207.95	209.14	0.91	ppb
Selenium	77-2	202.41	213.65	204.95	207.00	2.85	ppb
Selenium	78-2	220.88	219.12	217.48	219.16	0.77	ppb
Silicon	28-1	-3.90	-1.47	-2.87	-2.75		ppb
Silver	107-1	51.76	53.85	53.33	52.98	2.05	ppb
Silver	109-1	50.93	53.14	52.56	52.21	2.20	ppb
Strontium	86-1	0.08	0.06	0.05	0.06	30.43	ppb
Strontium	88-1	0.05	0.06	0.05	0.05	5.77	ppb
Sulfur	34-1	-1605.12	-1378.48	-1570.94	-1518.18		ppb
Terbium	159-1				103		%
Terbium	159-2				106		%
Thallium	203-1	175.28	177.84	184.48	179.20	2.65	ppb
Thallium	205-1	194.11	200.32	204.64	199.69	2.65	ppb
Tin	118-1	0.00	0.03	0.02	0.02	80.60	ppb
Titanium	47-1	0.06	0.10	0.14	0.10	37.24	ppb

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : ICV1 Instrumnet Name : P7
Client Sample ID : ICV1 Dilution Factor : 1
Date & Time Acquired : 2025-06-18 12:01:33 DataFile Name : 016ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.04	0.05	0.05	0.04	8.07	ppb
Vanadium	51-2	98.16	96.60	97.49	97.42	0.80	ppb
Yttrium	89-1				104		%
Yttrium	89-2				105		%
Zinc	66-2	202.58	203.39	201.22	202.40	0.54	ppb
Zirconium	90-1	0.04	0.04	0.04	0.04	2.59	ppb
Zirconium	91-1	0.05	0.07	0.08	0.07	23.27	ppb

LB Number :

LB136195

Operator :

Jaswal

Lab Sample ID :

LLICV1

Instrumnet Name :

P7

Client Sample ID :

LLICV1

Dilution Factor :

1

Date & Time Acquired :

2025-06-18 12:08:23

DataFile Name :

017LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.25	19.53	18.19	18.32	6.26	ppb
Antimony	121-1	1.98	2.09	2.07	2.05	2.81	ppb
Arsenic	75-2	1.15	1.16	1.25	1.19	4.40	ppb
Barium	135-1	9.64	9.97	9.82	9.81	1.72	ppb
Barium	137-1	9.92	9.91	9.87	9.90	0.29	ppb
Beryllium	9-1	1.14	1.33	1.15	1.21	8.83	ppb
Bismuth	209-1				102		%
Bismuth	209-2				109		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.96	1.18	1.25	1.13	13.21	ppb
Cadmium	106-1	0.29	1.03	1.12	0.81	55.57	ppb
Cadmium	111-1	1.21	1.24	1.16	1.20	3.55	ppb
Calcium	43-1	486.66	502.83	443.15	477.55	6.46	ppb
Calcium	44-1	490.78	487.72	477.65	485.39	1.41	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.88	1.92	2.01	1.94	3.43	ppb
Cobalt	59-2	1.05	1.03	1.10	1.06	3.01	ppb
Copper	63-2	2.13	2.08	2.05	2.09	1.88	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				105		%
Indium	115-1				102		%
Indium	115-2				104		%
Iron	56-2	49.66	49.34	50.34	49.78	1.03	ppb
Iron	57-2	54.67	54.66	53.53	54.29	1.20	ppb
Iron	54-2	54.05	53.33	52.05	53.14	1.91	ppb
Krypton	83-1						cps

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : LLICV1 Instrumnet Name : P7
Client Sample ID : LLICV1 Dilution Factor : 1
Date & Time Acquired : 2025-06-18 12:08:23 DataFile Name : 017LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.97	0.94	0.95	0.95	1.33	ppb
Lead	207-1	0.85	0.89	0.91	0.88	3.11	ppb
Lead	208-1	0.92	0.92	0.92	0.92	0.39	ppb
Lithium	6-1				97		%
Magnesium	24-2	455.19	443.76	449.98	449.64	1.27	ppb
Manganese	55-2	0.97	0.91	0.95	0.94	3.37	ppb
Molybdenum	94-1	5.76	5.83	5.52	5.70	2.78	ppb
Molybdenum	95-1	4.68	4.73	4.64	4.68	0.99	ppb
Molybdenum	96-1	4.91	4.83	4.78	4.84	1.44	ppb
Molybdenum	97-1	4.83	4.82	4.98	4.88	1.81	ppb
Molybdenum	98-1	4.79	4.78	4.81	4.79	0.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.01	1.06	1.07	1.05	3.08	ppb
Phosphorus	31-2	16.07	19.23	-6.92	9.46	150.90	ppb
Potassium	39-2	470.45	456.52	469.99	465.65	1.70	ppb
Rhodium	103-1				101		%
Rhodium	103-2				112		%
Scandium	45-1				103		%
Scandium	45-2				103		%
Sdium	23-2	455.22	452.97	460.89	456.36	0.89	ppb
Selenium	82-1	5.49	5.87	6.11	5.82	5.38	ppb
Selenium	77-2	5.07	4.67	4.28	4.68	8.45	ppb
Selenium	78-2	4.43	5.22	5.85	5.17	13.80	ppb
Silicon	28-1	-2.25	-3.41	-5.56	-3.74		ppb
Silver	107-1	1.08	1.06	1.05	1.06	1.00	ppb
Silver	109-1	1.06	0.99	1.02	1.02	3.44	ppb
Strontium	86-1	1.15	1.03	1.07	1.08	6.04	ppb
Strontium	88-1	0.94	0.92	0.94	0.93	1.37	ppb
Sulfur	34-1	-1405.83	-1528.07	-1651.10	-1528.34		ppb
Terbium	159-1				101		%
Terbium	159-2				107		%
Thallium	203-1	0.92	0.90	1.00	0.94	5.28	ppb
Thallium	205-1	0.92	0.89	0.90	0.91	1.58	ppb
Tin	118-1	4.90	4.97	4.96	4.95	0.73	ppb
Titanium	47-1	4.57	4.66	4.56	4.60	1.16	ppb

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : LLICV1 Instrumnet Name : P7
Client Sample ID : LLICV1 Dilution Factor : 1
Date & Time Acquired : 2025-06-18 12:08:23 DataFile Name : 017LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.86	0.87	0.89	0.87	1.87	ppb
Vanadium	51-2	5.06	4.98	5.17	5.07	1.96	ppb
Yttrium	89-1				102		%
Yttrium	89-2				104		%
Zinc	66-2	5.47	5.27	5.34	5.36	1.91	ppb
Zirconium	90-1	0.92	0.94	0.96	0.94	2.38	ppb
Zirconium	91-1	0.93	0.92	1.01	0.96	5.12	ppb

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : ICB1 Instrumnet Name : P7
Client Sample ID : ICB1 Dilution Factor : 1
Date & Time Acquired : 2025-06-18 12:13:05 DataFile Name : 018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.07	0.57	0.70	0.45	73.80	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	15.45	ppb
Arsenic	75-2	0.04	-0.04	-0.02	-0.01		ppb
Barium	135-1	0.01	-0.01	-0.02	-0.01		ppb
Barium	137-1	0.01	0.01	0.00	0.00	64.74	ppb
Beryllium	9-1	0.01	0.01	-0.01	0.00	386.74	ppb
Bismuth	209-1				101		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.06	0.06	-0.03	0.03	174.64	ppb
Cadmium	106-1	-0.52	0.32	-1.10	-0.43		ppb
Cadmium	111-1	-0.04	0.02	-0.08	-0.04		ppb
Calcium	43-1	-13.40	-18.52	-17.13	-16.35		ppb
Calcium	44-1	-4.95	-4.80	-6.10	-5.28		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.08	0.01	-0.02	-0.03		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	432.48	ppb
Copper	63-2	-0.11	-0.08	-0.05	-0.08		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				106		%
Indium	115-1				103		%
Indium	115-2				104		%
Iron	56-2	0.61	0.36	0.36	0.44	33.38	ppb
Iron	57-2	1.13	-1.32	0.50	0.11	1198.94	ppb
Iron	54-2	0.47	0.89	-0.45	0.30	228.22	ppb
Krypton	83-1						cps

LB Number : LB136195 Operator : Jaswal
 Lab Sample ID : ICB1 Instrumnet Name : P7
 Client Sample ID : ICB1 Dilution Factor : 1
 Date & Time Acquired : 2025-06-18 12:13:05 DataFile Name : 018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.04	0.03	0.03	0.03	16.71	ppb
Lead	207-1	0.02	0.00	0.05	0.02	115.30	ppb
Lead	208-1	0.01	0.02	0.04	0.02	53.45	ppb
Lithium	6-1				98		%
Magnesium	24-2	0.00	0.26	0.24	0.17	86.11	ppb
Manganese	55-2	-0.09	-0.11	-0.02	-0.07		ppb
Molybdenum	94-1	0.00	0.01	0.00	0.00	283.61	ppb
Molybdenum	95-1	-0.01	-0.02	-0.01	-0.01		ppb
Molybdenum	96-1	0.00	0.00	0.01	0.00	198.30	ppb
Molybdenum	97-1	-0.02	-0.01	-0.01	-0.02		ppb
Molybdenum	98-1	0.00	0.01	0.01	0.01	170.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.12	-0.05	-0.11	-0.09		ppb
Phosphorus	31-2	-27.26	-15.91	-15.22	-19.47		ppb
Potassium	39-2	-5.40	-3.32	-3.59	-4.10		ppb
Rhodium	103-1				102		%
Rhodium	103-2				111		%
Scandium	45-1				102		%
Scandium	45-2				102		%
Sdium	23-2	2.78	3.81	1.25	2.61	49.29	ppb
Selenium	82-1	-0.12	0.92	-0.24	0.19	341.26	ppb
Selenium	77-2	-0.26	-0.26	-0.26	-0.26		ppb
Selenium	78-2	1.28	-0.97	-0.82	-0.17		ppb
Silicon	28-1	-5.04	-4.91	-4.82	-4.92		ppb
Silver	107-1	0.01	0.01	0.01	0.01	41.81	ppb
Silver	109-1	0.01	0.01	0.00	0.01	51.70	ppb
Strontium	86-1	-0.01	0.01	0.01	0.00	270.83	ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-1371.32	-1403.97	-1467.87	-1414.38		ppb
Terbium	159-1				103		%
Terbium	159-2				105		%
Thallium	203-1	0.01	0.00	0.01	0.00	55.54	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	27.84	ppb
Tin	118-1	-0.02	-0.02	-0.02	-0.02		ppb
Titanium	47-1	-0.01	0.05	0.02	0.02	183.83	ppb

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : ICB1 Instrumnet Name : P7
Client Sample ID : ICB1 Dilution Factor : 1
Date & Time Acquired : 2025-06-18 12:13:05 DataFile Name : 018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	-0.01	0.00	0.00	0.00		ppb
Yttrium	89-1				102		%
Yttrium	89-2				104		%
Zinc	66-2	-0.17	-0.07	-0.02	-0.09		ppb
Zirconium	90-1	0.01	0.00	0.00	0.00	184.31	ppb
Zirconium	91-1	0.01	0.01	0.01	0.01	24.93	ppb

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : ICSA1 Instrumnet Name : P7
Client Sample ID : ICSA1 Dilution Factor : 1
Date & Time Acquired : 2025-06-18 12:30:09 DataFile Name : 021ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	93100.09	93591.14	94265.03	93652.09	0.62	ppb
Antimony	121-1	1.15	1.17	1.15	1.16	0.89	ppb
Arsenic	75-2	0.38	0.35	0.47	0.40	15.61	ppb
Barium	135-1	1.34	1.52	1.47	1.44	6.67	ppb
Barium	137-1	1.40	1.55	1.44	1.47	5.23	ppb
Beryllium	9-1	0.30	0.35	0.36	0.34	10.63	ppb
Bismuth	209-1				104		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	6.44	6.26	7.43	6.71	9.39	ppb
Cadmium	106-1	-0.65	-1.47	-0.84	-0.98		ppb
Cadmium	111-1	0.18	0.25	0.24	0.22	17.70	ppb
Calcium	43-1	100385.12	107161.13	102757.55	103434.60	3.32	ppb
Calcium	44-1	100187.85	103570.61	102692.38	102150.28	1.72	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	20.80	20.51	21.09	20.80	1.39	ppb
Cobalt	59-2	1.24	1.36	1.28	1.29	4.60	ppb
Copper	63-2	9.24	9.08	9.61	9.31	2.88	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				105		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	56-2	104081.36	103593.52	104895.08	104189.99	0.63	ppb
Iron	57-2	104252.94	103012.95	103273.19	103513.03	0.63	ppb
Iron	54-2	104757.79	104541.74	104649.12	104649.55	0.10	ppb
Krypton	83-1						cps

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : ICSA1 Instrumnet Name : P7
Client Sample ID : ICSA1 Dilution Factor : 1
Date & Time Acquired : 2025-06-18 12:30:09 DataFile Name : 021ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	4.33	4.31	4.45	4.36	1.74	ppb
Lead	207-1	3.90	4.11	3.97	3.99	2.61	ppb
Lead	208-1	4.01	4.10	4.07	4.06	1.22	ppb
Lithium	6-1				96		%
Magnesium	24-2	93839.59	92923.02	93577.43	93446.68	0.51	ppb
Manganese	55-2	7.64	7.81	7.79	7.75	1.19	ppb
Molybdenum	94-1	1710.56	1731.05	1722.36	1721.33	0.60	ppb
Molybdenum	95-1	2088.54	2112.60	2103.67	2101.61	0.58	ppb
Molybdenum	96-1	2065.05	2080.32	2054.19	2066.52	0.64	ppb
Molybdenum	97-1	2134.39	2125.59	2111.01	2123.67	0.56	ppb
Molybdenum	98-1	2109.16	2094.06	2106.14	2103.12	0.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.66	6.01	5.76	5.81	3.18	ppb
Phosphorus	31-2	103804.62	105789.49	104986.51	104860.21	0.95	ppb
Potassium	39-2	99933.84	99782.00	98788.98	99501.61	0.62	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				101		%
Scandium	45-2				102		%
Sdium	23-2	102233.96	101210.58	102158.20	101867.58	0.56	ppb
Selenium	82-1	0.39	-0.68	0.26	-0.01		ppb
Selenium	77-2	-0.26	-0.26	0.13	-0.13		ppb
Selenium	78-2	-2.53	-0.49	0.61	-0.80		ppb
Silicon	28-1	-9.57	-7.17	-10.21	-8.98		ppb
Silver	107-1	0.03	0.06	0.07	0.06	35.58	ppb
Silver	109-1	0.05	0.07	0.07	0.06	23.18	ppb
Strontium	86-1	36.61	35.33	36.11	36.02	1.79	ppb
Strontium	88-1	32.85	32.92	33.43	33.07	0.95	ppb
Sulfur	34-1	120348.42	125018.74	120059.60	121808.92	2.29	ppb
Terbium	159-1				107		%
Terbium	159-2				106		%
Thallium	203-1	0.06	0.08	0.05	0.06	21.28	ppb
Thallium	205-1	0.05	0.06	0.07	0.06	9.41	ppb
Tin	118-1	0.99	1.20	1.11	1.10	9.44	ppb
Titanium	47-1	1905.75	1992.80	1937.47	1945.34	2.26	ppb

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : ICSA1 Instrumnet Name : P7
Client Sample ID : ICSA1 Dilution Factor : 1
Date & Time Acquired : 2025-06-18 12:30:09 DataFile Name : 021ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.01	0.02	0.01	0.01	17.70	ppb
Vanadium	51-2	0.21	0.23	0.18	0.21	12.37	ppb
Yttrium	89-1				103		%
Yttrium	89-2				102		%
Zinc	66-2	11.53	11.63	11.61	11.59	0.48	ppb
Zirconium	90-1	0.02	0.01	0.02	0.01	38.76	ppb
Zirconium	91-1	0.01	0.02	0.02	0.02	58.16	ppb

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : ICSAB1 Instrumnet Name : P7
Client Sample ID : ICSAB1 Dilution Factor : 1
Date & Time Acquired : 2025-06-18 12:45:27 DataFile Name : 025ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	84124.59	83024.97	83425.17	83524.91	0.67	ppb
Antimony	121-1	19.90	20.54	20.08	20.18	1.64	ppb
Arsenic	75-2	21.10	20.73	19.33	20.39	4.59	ppb
Barium	135-1	20.39	20.70	20.10	20.39	1.46	ppb
Barium	137-1	20.21	20.81	19.89	20.30	2.28	ppb
Beryllium	9-1	20.76	21.16	21.41	21.11	1.56	ppb
Bismuth	209-1				106		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	25.82	24.35	24.08	24.75	3.79	ppb
Cadmium	106-1	17.83	16.47	17.52	17.27	4.13	ppb
Cadmium	111-1	20.37	20.79	19.92	20.36	2.13	ppb
Calcium	43-1	90494.03	90190.17	90985.66	90556.62	0.44	ppb
Calcium	44-1	93871.66	93794.73	93903.95	93856.78	0.06	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	37.94	38.39	38.58	38.30	0.85	ppb
Cobalt	59-2	20.85	20.92	21.20	20.99	0.89	ppb
Copper	63-2	26.93	27.15	27.08	27.05	0.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				108		%
Indium	115-1				106		%
Indium	115-2				103		%
Iron	56-2	92695.58	94636.40	95974.73	94435.57	1.75	ppb
Iron	57-2	93955.09	93192.10	95844.28	94330.49	1.45	ppb
Iron	54-2	95689.70	96615.36	95210.74	95838.60	0.75	ppb
Krypton	83-1						cps

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : ICSAB1 Instrumnet Name : P7
Client Sample ID : ICSAB1 Dilution Factor : 1
Date & Time Acquired : 2025-06-18 12:45:27 DataFile Name : 025ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	24.77	25.12	25.47	25.12	1.39	ppb
Lead	207-1	23.80	24.53	24.04	24.12	1.54	ppb
Lead	208-1	24.24	24.48	24.41	24.38	0.52	ppb
Lithium	6-1				93		%
Magnesium	24-2	81951.12	85114.82	85778.45	84281.46	2.43	ppb
Manganese	55-2	25.02	25.49	25.77	25.43	1.49	ppb
Molybdenum	94-1	1568.18	1596.49	1522.91	1562.53	2.38	ppb
Molybdenum	95-1	1907.01	1910.31	1940.18	1919.16	0.95	ppb
Molybdenum	96-1	1888.69	1853.59	1926.94	1889.74	1.94	ppb
Molybdenum	97-1	1938.29	1938.09	1973.40	1949.93	1.04	ppb
Molybdenum	98-1	1946.44	1938.37	1954.49	1946.43	0.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	26.45	26.61	26.35	26.47	0.49	ppb
Phosphorus	31-2	94173.54	95301.09	95853.02	95109.22	0.90	ppb
Potassium	39-2	90471.52	91974.86	92206.60	91550.99	1.03	ppb
Rhodium	103-1				103		%
Rhodium	103-2				107		%
Scandium	45-1				102		%
Scandium	45-2				104		%
Sdium	23-2	91476.74	90505.23	90714.06	90898.68	0.56	ppb
Selenium	82-1	21.18	20.47	20.89	20.85	1.72	ppb
Selenium	77-2	19.90	21.32	20.20	20.47	3.66	ppb
Selenium	78-2	17.16	20.00	18.80	18.65	7.65	ppb
Silicon	28-1	-9.08	-10.84	-9.45	-9.79		ppb
Silver	107-1	18.92	19.50	18.91	19.11	1.77	ppb
Silver	109-1	18.77	19.27	18.80	18.95	1.46	ppb
Strontium	86-1	33.24	33.61	32.73	33.19	1.33	ppb
Strontium	88-1	30.43	30.40	30.53	30.45	0.23	ppb
Sulfur	34-1	108359.75	108273.31	114118.27	110250.44	3.04	ppb
Terbium	159-1				110		%
Terbium	159-2				107		%
Thallium	203-1	18.75	18.76	18.75	18.75	0.04	ppb
Thallium	205-1	18.42	18.80	18.78	18.66	1.15	ppb
Tin	118-1	0.37	0.52	0.42	0.44	17.55	ppb
Titanium	47-1	1771.93	1782.57	1781.24	1778.58	0.33	ppb

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : ICSAB1 Instrumnet Name : P7
Client Sample ID : ICSAB1 Dilution Factor : 1
Date & Time Acquired : 2025-06-18 12:45:27 DataFile Name : 025ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.02	0.03	0.03	0.03	16.46	ppb
Vanadium	51-2	19.34	20.17	19.87	19.79	2.12	ppb
Yttrium	89-1				106		%
Yttrium	89-2				105		%
Zinc	66-2	29.85	30.38	30.85	30.36	1.64	ppb
Zirconium	90-1	0.01	0.01	0.02	0.01	53.02	ppb
Zirconium	91-1	0.01	0.02	0.01	0.01	45.12	ppb

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : CCV1 Instrumnet Name : P7
Client Sample ID : CCV1 Dilution Factor : 1
Date & Time Acquired : 2025-06-18 12:48:41 DataFile Name : 026CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50254.44	51092.39	49220.71	50189.18	1.87	ppb
Antimony	121-1	511.60	525.08	521.83	519.51	1.35	ppb
Arsenic	75-2	503.56	510.72	475.68	496.65	3.73	ppb
Barium	135-1	2654.64	2578.43	2659.56	2630.87	1.73	ppb
Barium	137-1	2591.33	2557.23	2563.96	2570.84	0.70	ppb
Beryllium	9-1	507.74	512.38	512.36	510.83	0.52	ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	491.68	500.53	494.52	495.58	0.91	ppb
Cadmium	106-1	490.92	507.10	499.80	499.27	1.62	ppb
Cadmium	111-1	489.50	499.08	503.78	497.45	1.46	ppb
Calcium	43-1	262748.74	273254.65	283762.38	273255.26	3.85	ppb
Calcium	44-1	255939.08	265233.30	272289.47	264487.28	3.10	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	501.99	498.95	486.07	495.67	1.70	ppb
Cobalt	59-2	549.95	526.16	484.82	520.31	6.33	ppb
Copper	63-2	5160.13	5120.72	4979.50	5086.79	1.87	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				108		%
Indium	115-1				105		%
Indium	115-2				101		%
Iron	56-2	136845.43	134978.41	132716.45	134846.76	1.53	ppb
Iron	57-2	136217.27	134084.20	132664.32	134321.93	1.33	ppb
Iron	54-2	135501.21	134555.00	135021.15	135025.79	0.35	ppb
Krypton	83-1						cps

LB Number : LB136195 Operator : Jaswal
 Lab Sample ID : CCV1 Instrumnet Name : P7
 Client Sample ID : CCV1 Dilution Factor : 1
 Date & Time Acquired : 2025-06-18 12:48:41 DataFile Name : 026CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2669.82	2678.92	2667.35	2672.03	0.23	ppb
Lead	207-1	2673.66	2653.01	2692.00	2672.89	0.73	ppb
Lead	208-1	2646.44	2664.74	2695.96	2669.04	0.94	ppb
Lithium	6-1				93		%
Magnesium	24-2	250984.91	248078.27	243053.20	247372.13	1.62	ppb
Manganese	55-2	5202.00	5258.30	5135.71	5198.67	1.18	ppb
Molybdenum	94-1	5005.21	5189.88	5162.61	5119.23	1.95	ppb
Molybdenum	95-1	4995.62	5127.01	5184.22	5102.28	1.90	ppb
Molybdenum	96-1	4969.55	5147.11	5247.99	5121.55	2.75	ppb
Molybdenum	97-1	4994.15	5229.90	5189.04	5137.70	2.45	ppb
Molybdenum	98-1	4972.73	5134.28	5119.97	5075.66	1.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	513.51	513.17	508.78	511.82	0.52	ppb
Phosphorus	31-2	10163.64	10134.69	9796.65	10031.66	2.03	ppb
Potassium	39-2	129645.09	127073.54	128639.46	128452.69	1.01	ppb
Rhodium	103-1				102		%
Rhodium	103-2				103		%
Scandium	45-1				102		%
Scandium	45-2				105		%
Sdium	23-2	258011.14	257041.04	247286.33	254112.84	2.33	ppb
Selenium	82-1	467.97	488.86	484.22	480.35	2.28	ppb
Selenium	77-2	503.50	493.10	460.59	485.73	4.61	ppb
Selenium	78-2	484.10	495.35	456.08	478.51	4.23	ppb
Silicon	28-1	416.36	428.24	441.36	428.65	2.92	ppb
Silver	107-1	523.92	538.05	532.78	531.59	1.34	ppb
Silver	109-1	521.51	524.96	537.32	527.93	1.57	ppb
Strontium	86-1	498.72	516.81	520.19	511.91	2.26	ppb
Strontium	88-1	498.67	519.90	519.03	512.53	2.34	ppb
Sulfur	34-1	8424.93	9177.75	9459.25	9020.64	5.93	ppb
Terbium	159-1				112		%
Terbium	159-2				109		%
Thallium	203-1	557.37	534.50	529.78	540.55	2.73	ppb
Thallium	205-1	538.79	537.95	530.48	535.74	0.85	ppb
Tin	118-1	515.39	514.45	519.16	516.33	0.48	ppb
Titanium	47-1	5180.40	5234.56	5312.33	5242.43	1.26	ppb

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : CCV1 Instrumnet Name : P7
Client Sample ID : CCV1 Dilution Factor : 1
Date & Time Acquired : 2025-06-18 12:48:41 DataFile Name : 026CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	540.88	540.98	528.62	536.83	1.32	ppb
Vanadium	51-2	502.98	496.91	493.79	497.89	0.94	ppb
Yttrium	89-1				107		%
Yttrium	89-2				108		%
Zinc	66-2	5012.22	4966.15	4967.35	4981.91	0.53	ppb
Zirconium	90-1	502.24	512.47	518.04	510.92	1.57	ppb
Zirconium	91-1	466.66	485.23	490.39	480.76	2.60	ppb

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : CCB1 Instrumnet Name : P7
Client Sample ID : CCB1 Dilution Factor : 1
Date & Time Acquired : 2025-06-18 12:51:30 DataFile Name : 027CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.87	1.69	1.21	1.59	21.28	ppb
Antimony	121-1	0.11	0.11	0.12	0.12	4.61	ppb
Arsenic	75-2	0.01	-0.02	-0.02	-0.01		ppb
Barium	135-1	0.03	-0.01	0.02	0.01	133.78	ppb
Barium	137-1	0.01	0.00	0.01	0.00	134.67	ppb
Beryllium	9-1	0.01	0.06	-0.01	0.02	178.40	ppb
Bismuth	209-1				109		%
Bismuth	209-2				110		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.01	-0.03	0.01	0.00		ppb
Cadmium	106-1	0.43	0.99	-0.72	0.23	377.42	ppb
Cadmium	111-1	0.05	0.08	-0.03	0.04	158.15	ppb
Calcium	43-1	-15.64	-10.67	-11.86	-12.72		ppb
Calcium	44-1	-4.10	-4.21	-3.42	-3.91		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.04	0.09	0.04	0.06	49.18	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	29.64	ppb
Copper	63-2	0.48	0.47	0.47	0.48	1.34	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				106		%
Indium	115-1				108		%
Indium	115-2				104		%
Iron	56-2	1.53	1.37	1.10	1.33	16.41	ppb
Iron	57-2	0.97	-0.23	-2.58	-0.61		ppb
Iron	54-2	-0.04	0.98	-0.06	0.29	203.75	ppb
Krypton	83-1						cps

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : CCB1 Instrumnet Name : P7
Client Sample ID : CCB1 Dilution Factor : 1
Date & Time Acquired : 2025-06-18 12:51:30 DataFile Name : 027CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.12	0.07	0.09	0.09	25.81	ppb
Lead	207-1	0.05	0.07	0.09	0.07	27.46	ppb
Lead	208-1	0.08	0.07	0.08	0.07	2.55	ppb
Lithium	6-1				92		%
Magnesium	24-2	1.84	1.51	1.56	1.64	10.89	ppb
Manganese	55-2	-0.07	-0.10	-0.07	-0.08		ppb
Molybdenum	94-1	0.21	0.11	0.21	0.18	31.11	ppb
Molybdenum	95-1	0.14	0.08	0.08	0.10	36.15	ppb
Molybdenum	96-1	0.13	0.14	0.16	0.14	10.93	ppb
Molybdenum	97-1	0.08	0.12	0.06	0.09	30.92	ppb
Molybdenum	98-1	0.14	0.11	0.11	0.12	12.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	-0.04	-0.10	-0.04		ppb
Phosphorus	31-2	-35.61	-37.95	-47.99	-40.52		ppb
Potassium	39-2	2.60	0.27	-0.90	0.66	270.14	ppb
Rhodium	103-1				105		%
Rhodium	103-2				114		%
Scandium	45-1				102		%
Scandium	45-2				103		%
Sdium	23-2	15.90	15.02	14.05	14.99	6.19	ppb
Selenium	82-1	0.89	0.12	-0.17	0.28	198.45	ppb
Selenium	77-2	-0.26	-0.26	-0.26	-0.26		ppb
Selenium	78-2	-2.65	-0.55	-4.34	-2.52		ppb
Silicon	28-1	-8.52	-8.76	-10.04	-9.11		ppb
Silver	107-1	0.05	0.04	0.05	0.04	15.06	ppb
Silver	109-1	0.04	0.05	0.03	0.04	18.20	ppb
Strontium	86-1	0.04	0.01	0.06	0.03	65.68	ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-2369.80	-2263.21	-2326.66	-2319.89		ppb
Terbium	159-1				107		%
Terbium	159-2				107		%
Thallium	203-1	0.11	0.09	0.09	0.09	12.31	ppb
Thallium	205-1	0.10	0.10	0.10	0.10	2.35	ppb
Tin	118-1	0.00	-0.03	-0.02	-0.01		ppb
Titanium	47-1	0.09	0.11	0.03	0.07	56.21	ppb

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : CCB1 Instrumnet Name : P7
Client Sample ID : CCB1 Dilution Factor : 1
Date & Time Acquired : 2025-06-18 12:51:30 DataFile Name : 027CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	53.13	ppb
Vanadium	51-2	0.01	0.01	0.00	0.00	209.49	ppb
Yttrium	89-1				105		%
Yttrium	89-2				105		%
Zinc	66-2	-0.04	-0.17	-0.19	-0.13		ppb
Zirconium	90-1	0.03	0.05	0.03	0.04	19.67	ppb
Zirconium	91-1	0.06	0.03	0.07	0.05	36.13	ppb

LB Number :
LB136195

Operator :
Jaswal

Lab Sample ID :
CRI

Instrumnet Name :
P7

Client Sample ID :
CRI

Dilution Factor :
1

Date & Time Acquired :
2025-06-18 12:55:21

DataFile Name :
028LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.24	17.59	18.99	18.61	4.79	ppb
Antimony	121-1	2.04	1.99	1.98	2.00	1.83	ppb
Arsenic	75-2	1.01	1.06	0.82	0.96	12.96	ppb
Barium	135-1	9.83	9.48	9.48	9.60	2.09	ppb
Barium	137-1	9.91	9.46	9.62	9.66	2.36	ppb
Beryllium	9-1	1.20	1.11	1.15	1.15	3.89	ppb
Bismuth	209-1				109		%
Bismuth	209-2				114		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.89	0.87	1.40	1.05	28.57	ppb
Cadmium	106-1	0.88	0.45	1.56	0.97	57.90	ppb
Cadmium	111-1	1.17	1.14	1.21	1.17	3.35	ppb
Calcium	43-1	464.35	469.17	490.94	474.82	2.98	ppb
Calcium	44-1	476.84	491.50	479.94	482.76	1.60	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.24	2.03	2.06	2.11	5.45	ppb
Cobalt	59-2	1.08	1.07	1.06	1.07	0.96	ppb
Copper	63-2	2.43	2.39	2.47	2.43	1.79	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				106		%
Indium	115-1				109		%
Indium	115-2				105		%
Iron	56-2	51.88	51.10	49.60	50.86	2.28	ppb
Iron	57-2	52.18	53.75	56.05	53.99	3.60	ppb
Iron	54-2	51.57	54.58	54.18	53.44	3.06	ppb
Krypton	83-1						cps

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : CRI Instrumnet Name : P7
Client Sample ID : CRI Dilution Factor : 1
Date & Time Acquired : 2025-06-18 12:55:21 DataFile Name : 028LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.96	0.90	0.93	0.93	3.64	ppb
Lead	207-1	0.98	0.98	1.00	0.99	0.83	ppb
Lead	208-1	0.94	0.94	0.96	0.95	1.30	ppb
Lithium	6-1				93		%
Magnesium	24-2	449.01	447.61	434.78	443.80	1.77	ppb
Manganese	55-2	0.94	1.05	0.97	0.99	5.63	ppb
Molybdenum	94-1	5.60	5.77	5.75	5.71	1.65	ppb
Molybdenum	95-1	4.93	4.88	4.86	4.89	0.74	ppb
Molybdenum	96-1	4.93	5.04	5.05	5.01	1.31	ppb
Molybdenum	97-1	4.82	4.74	4.90	4.82	1.65	ppb
Molybdenum	98-1	4.73	4.91	4.96	4.87	2.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.22	1.14	0.91	1.09	14.58	ppb
Phosphorus	31-2	-14.16	2.68	3.43	-2.68		ppb
Potassium	39-2	468.16	469.03	461.75	466.31	0.85	ppb
Rhodium	103-1				108		%
Rhodium	103-2				116		%
Scandium	45-1				104		%
Scandium	45-2				103		%
Sdium	23-2	460.58	453.32	452.50	455.47	0.98	ppb
Selenium	82-1	4.87	5.97	5.67	5.50	10.30	ppb
Selenium	77-2	6.14	4.28	6.26	5.56	19.95	ppb
Selenium	78-2	7.69	3.38	3.78	4.95	48.07	ppb
Silicon	28-1	-11.19	-10.01	-10.33	-10.51		ppb
Silver	107-1	1.05	1.02	1.00	1.03	2.73	ppb
Silver	109-1	1.04	1.04	1.01	1.03	1.60	ppb
Strontium	86-1	0.99	1.13	0.96	1.03	8.81	ppb
Strontium	88-1	0.97	0.94	0.97	0.96	1.58	ppb
Sulfur	34-1	-2367.75	-2360.57	-2372.35	-2366.89		ppb
Terbium	159-1				110		%
Terbium	159-2				108		%
Thallium	203-1	0.98	1.04	1.04	1.02	3.33	ppb
Thallium	205-1	1.00	0.99	1.03	1.01	2.49	ppb
Tin	118-1	4.97	4.80	4.74	4.84	2.56	ppb
Titanium	47-1	4.98	4.72	4.74	4.81	3.00	ppb

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : CRI Instrumnet Name : P7
Client Sample ID : CRI Dilution Factor : 1
Date & Time Acquired : 2025-06-18 12:55:21 DataFile Name : 028LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.90	0.86	0.90	0.88	2.46	ppb
Vanadium	51-2	5.24	5.04	5.03	5.10	2.33	ppb
Yttrium	89-1				108		%
Yttrium	89-2				104		%
Zinc	66-2	5.02	5.13	4.95	5.03	1.79	ppb
Zirconium	90-1	0.92	0.95	0.96	0.94	1.89	ppb
Zirconium	91-1	0.97	0.99	0.93	0.96	3.28	ppb

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : Q2289-01 Instrumnet Name : P7
Client Sample ID : SP-1 Dilution Factor : 1
Date & Time Acquired : 2025-06-18 12:59:16 DataFile Name : 029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	42096.35	41516.11	42046.93	41886.46	0.77	ppb
Antimony	121-1	0.67	0.68	0.64	0.67	3.35	ppb
Arsenic	75-2	20.68	22.32	22.55	21.85	4.68	ppb
Barium	135-1	351.31	360.50	356.83	356.21	1.30	ppb
Barium	137-1	355.83	363.23	361.47	360.17	1.07	ppb
Beryllium	9-1	1.58	1.45	1.71	1.58	8.08	ppb
Bismuth	209-1				119		%
Bismuth	209-2				130		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.83	3.45	2.41	2.90	17.97	ppb
Cadmium	106-1	2.02	2.00	2.02	2.01	0.66	ppb
Cadmium	111-1	0.94	0.99	1.03	0.99	4.66	ppb
Calcium	43-1	18251.78	18364.14	18126.69	18247.54	0.65	ppb
Calcium	44-1	18600.22	18758.16	18624.06	18660.81	0.46	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	52.78	52.62	52.69	52.70	0.15	ppb
Cobalt	59-2	40.68	40.03	40.00	40.24	0.95	ppb
Copper	63-2	103.45	102.67	102.01	102.71	0.70	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				125		%
Holmium	165-2				120		%
Indium	115-1				123		%
Indium	115-2				117		%
Iron	56-2	76647.94	77475.82	77377.93	77167.23	0.59	ppb
Iron	57-2	75442.84	75694.93	76083.93	75740.57	0.43	ppb
Iron	54-2	78400.17	76192.24	77555.93	77382.78	1.44	ppb
Krypton	83-1						cps

LB Number : LB136195 Operator : Jaswal
 Lab Sample ID : Q2289-01 Instrumnet Name : P7
 Client Sample ID : SP-1 Dilution Factor : 1
 Date & Time Acquired : 2025-06-18 12:59:16 DataFile Name : 029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	42.71	43.02	42.87	42.87	0.36	ppb
Lead	207-1	39.80	40.83	39.99	40.21	1.36	ppb
Lead	208-1	40.65	41.79	41.19	41.21	1.38	ppb
Lithium	6-1				105		%
Magnesium	24-2	21811.94	21717.47	21696.09	21741.83	0.28	ppb
Manganese	55-2	1502.05	1481.84	1493.23	1492.38	0.68	ppb
Molybdenum	94-1	10.28	10.19	9.88	10.12	2.12	ppb
Molybdenum	95-1	4.98	4.96	5.08	5.01	1.24	ppb
Molybdenum	96-1	6.71	6.89	6.81	6.80	1.33	ppb
Molybdenum	97-1	5.10	4.91	4.99	5.00	1.88	ppb
Molybdenum	98-1	4.93	5.05	4.96	4.98	1.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	58.24	58.62	57.21	58.02	1.26	ppb
Phosphorus	31-2	1188.68	1218.58	1133.56	1180.27	3.65	ppb
Potassium	39-2	22871.76	23367.68	22557.38	22932.27	1.78	ppb
Rhodium	103-1				119		%
Rhodium	103-2				126		%
Scandium	45-1				129		%
Scandium	45-2				126		%
Sdium	23-2	78223.74	77578.84	77642.65	77815.08	0.46	ppb
Selenium	82-1	1.55	0.86	1.33	1.25	28.07	ppb
Selenium	77-2	13.07	10.39	14.65	12.70	16.94	ppb
Selenium	78-2	0.49	1.60	2.85	1.64	71.77	ppb
Silicon	28-1	11445.83	11384.31	11289.08	11373.07	0.69	ppb
Silver	107-1	0.32	0.32	0.34	0.32	3.61	ppb
Silver	109-1	0.32	0.37	0.33	0.34	6.72	ppb
Strontium	86-1	71.79	72.85	71.32	71.99	1.09	ppb
Strontium	88-1	65.40	66.98	65.47	65.95	1.35	ppb
Sulfur	34-1	1197.70	927.17	891.10	1005.33	16.67	ppb
Terbium	159-1				127		%
Terbium	159-2				122		%
Thallium	203-1	1.22	1.31	1.18	1.24	5.27	ppb
Thallium	205-1	1.22	1.27	1.20	1.23	3.14	ppb
Tin	118-1	1.58	1.65	1.62	1.62	2.27	ppb
Titanium	47-1	4731.76	4749.76	4757.46	4746.33	0.28	ppb

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : Q2289-01 Instrumnet Name : P7
Client Sample ID : SP-1 Dilution Factor : 1
Date & Time Acquired : 2025-06-18 12:59:16 DataFile Name : 029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	4.92	4.99	4.99	4.97	0.79	ppb
Vanadium	51-2	149.83	149.52	149.83	149.73	0.12	ppb
Yttrium	89-1				131		%
Yttrium	89-2				139		%
Zinc	66-2	380.64	376.12	370.44	375.73	1.36	ppb
Zirconium	90-1	3.11	3.18	3.15	3.15	1.20	ppb
Zirconium	91-1	3.19	3.31	3.18	3.23	2.17	ppb

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : Q2289-02 Instrumnet Name : P7
Client Sample ID : SP-2 Dilution Factor : 1
Date & Time Acquired : 2025-06-18 13:02:30 DataFile Name : 030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16583.50	16494.52	16252.38	16443.47	1.04	ppb
Antimony	121-1	0.67	0.68	0.62	0.66	4.35	ppb
Arsenic	75-2	4.94	5.14	4.63	4.90	5.30	ppb
Barium	135-1	110.93	114.07	105.09	110.03	4.14	ppb
Barium	137-1	109.13	113.94	109.08	110.72	2.52	ppb
Beryllium	9-1	0.74	0.70	0.70	0.72	3.16	ppb
Bismuth	209-1				118		%
Bismuth	209-2				128		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.61	1.35	1.28	1.42	12.19	ppb
Cadmium	106-1	1.31	0.26	0.12	0.56	115.45	ppb
Cadmium	111-1	0.52	0.55	0.45	0.51	9.34	ppb
Calcium	43-1	8350.78	8302.51	8856.90	8503.40	3.61	ppb
Calcium	44-1	8863.28	9040.27	9024.33	8975.96	1.09	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	24.88	25.59	24.50	24.99	2.21	ppb
Cobalt	59-2	12.10	12.34	12.19	12.21	0.97	ppb
Copper	63-2	59.11	59.70	59.64	59.48	0.54	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				123		%
Holmium	165-2				117		%
Indium	115-1				121		%
Indium	115-2				114		%
Iron	56-2	23918.19	24366.92	24219.53	24168.21	0.95	ppb
Iron	57-2	22688.05	22946.82	22664.07	22766.31	0.69	ppb
Iron	54-2	23768.64	24726.55	23503.62	23999.60	2.68	ppb
Krypton	83-1						cps

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : Q2289-02 Instrumnet Name : P7
Client Sample ID : SP-2 Dilution Factor : 1
Date & Time Acquired : 2025-06-18 13:02:30 DataFile Name : 030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	27.61	27.90	26.97	27.50	1.72	ppb
Lead	207-1	24.67	24.91	26.08	25.22	3.00	ppb
Lead	208-1	25.21	25.53	25.84	25.53	1.23	ppb
Lithium	6-1				101		%
Magnesium	24-2	6375.92	6338.11	6269.71	6327.91	0.85	ppb
Manganese	55-2	460.44	462.40	458.18	460.34	0.46	ppb
Molybdenum	94-1	4.42	4.44	4.50	4.45	0.96	ppb
Molybdenum	95-1	2.73	2.74	2.64	2.71	2.04	ppb
Molybdenum	96-1	3.33	3.17	3.36	3.29	3.14	ppb
Molybdenum	97-1	2.64	2.71	2.80	2.72	2.81	ppb
Molybdenum	98-1	2.74	2.83	2.62	2.73	3.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	23.59	23.00	23.33	23.31	1.26	ppb
Phosphorus	31-2	519.59	511.05	527.73	519.46	1.61	ppb
Potassium	39-2	6192.22	6035.48	6097.19	6108.30	1.29	ppb
Rhodium	103-1				118		%
Rhodium	103-2				124		%
Scandium	45-1				121		%
Scandium	45-2				116		%
Sdium	23-2	27843.22	27658.32	27387.28	27629.61	0.83	ppb
Selenium	82-1	0.19	0.57	0.62	0.46	51.27	ppb
Selenium	77-2	3.81	5.70	2.62	4.04	38.45	ppb
Selenium	78-2	-1.54	-1.88	-1.18	-1.53		ppb
Silicon	28-1	4555.36	4466.46	4800.90	4607.57	3.76	ppb
Silver	107-1	0.14	0.14	0.13	0.13	2.97	ppb
Silver	109-1	0.12	0.14	0.13	0.13	8.37	ppb
Strontium	86-1	29.56	29.82	29.69	29.69	0.44	ppb
Strontium	88-1	26.80	27.03	27.15	26.99	0.66	ppb
Sulfur	34-1	1265.68	1133.42	2058.80	1485.96	33.68	ppb
Terbium	159-1				121		%
Terbium	159-2				117		%
Thallium	203-1	0.30	0.30	0.27	0.29	7.01	ppb
Thallium	205-1	0.28	0.29	0.29	0.29	3.19	ppb
Tin	118-1	4.00	4.17	3.96	4.04	2.77	ppb
Titanium	47-1	1196.15	1187.47	1269.29	1217.63	3.69	ppb

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : Q2289-02 Instrumnet Name : P7
Client Sample ID : SP-2 Dilution Factor : 1
Date & Time Acquired : 2025-06-18 13:02:30 DataFile Name : 030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.23	1.25	1.30	1.26	2.78	ppb
Vanadium	51-2	43.35	43.77	44.03	43.72	0.78	ppb
Yttrium	89-1				121		%
Yttrium	89-2				125		%
Zinc	66-2	165.67	170.04	165.69	167.13	1.51	ppb
Zirconium	90-1	1.20	1.23	1.16	1.20	2.65	ppb
Zirconium	91-1	1.16	1.28	1.21	1.22	4.77	ppb

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : Q2289-03 Instrumnet Name : P7
Client Sample ID : SP-3 Dilution Factor : 1
Date & Time Acquired : 2025-06-18 13:05:42 DataFile Name : 031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	80434.56	78641.43	81811.65	80295.88	1.98	ppb
Antimony	121-1	0.82	0.81	0.83	0.82	1.29	ppb
Arsenic	75-2	33.85	33.26	33.53	33.55	0.88	ppb
Barium	135-1	664.41	665.01	674.64	668.02	0.86	ppb
Barium	137-1	736.92	728.24	752.55	739.24	1.67	ppb
Beryllium	9-1	3.08	3.19	3.01	3.09	2.91	ppb
Bismuth	209-1				114		%
Bismuth	209-2				127		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	9.03	7.98	8.24	8.42	6.54	ppb
Cadmium	106-1	9.15	9.37	9.44	9.32	1.65	ppb
Cadmium	111-1	2.49	2.32	2.51	2.44	4.30	ppb
Calcium	43-1	40149.72	39335.99	39340.10	39608.60	1.18	ppb
Calcium	44-1	41806.48	40824.27	40470.71	41033.82	1.69	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	111.08	112.70	113.50	112.43	1.10	ppb
Cobalt	59-2	72.43	74.21	74.31	73.65	1.44	ppb
Copper	63-2	330.18	336.57	338.35	335.03	1.28	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				120		%
Holmium	165-2				117		%
Indium	115-1				120		%
Indium	115-2				113		%
Iron	56-2	136950.56	139056.26	137282.80	137763.20	0.82	ppb
Iron	57-2	135531.70	136514.15	136949.18	136331.68	0.53	ppb
Iron	54-2	136719.25	138730.41	139587.25	138345.64	1.06	ppb
Krypton	83-1						cps

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : Q2289-03 Instrumnet Name : P7
Client Sample ID : SP-3 Dilution Factor : 1
Date & Time Acquired : 2025-06-18 13:05:42 DataFile Name : 031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	90.29	93.95	91.42	91.89	2.04	ppb
Lead	207-1	83.31	87.37	85.71	85.46	2.39	ppb
Lead	208-1	85.76	89.92	87.76	87.81	2.37	ppb
Lithium	6-1				104		%
Magnesium	24-2	42304.32	42526.57	43327.42	42719.44	1.26	ppb
Manganese	55-2	2677.16	2720.37	2726.61	2708.04	0.99	ppb
Molybdenum	94-1	19.10	19.59	19.59	19.43	1.46	ppb
Molybdenum	95-1	5.52	5.55	5.58	5.55	0.59	ppb
Molybdenum	96-1	9.42	9.19	9.30	9.30	1.21	ppb
Molybdenum	97-1	5.68	5.63	5.85	5.72	2.07	ppb
Molybdenum	98-1	5.57	5.48	5.64	5.56	1.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	116.93	116.36	115.84	116.37	0.47	ppb
Phosphorus	31-2	2202.53	2291.94	2280.12	2258.20	2.15	ppb
Potassium	39-2	26135.15	27365.25	27390.61	26963.67	2.66	ppb
Rhodium	103-1				115		%
Rhodium	103-2				120		%
Scandium	45-1				136		%
Scandium	45-2				130		%
Sdium	23-2	65503.20	62646.11	63745.78	63965.03	2.25	ppb
Selenium	82-1	1.71	1.44	1.14	1.43	20.01	ppb
Selenium	77-2	17.23	19.37	16.10	17.57	9.45	ppb
Selenium	78-2	0.23	0.95	2.00	1.06	83.69	ppb
Silicon	28-1	13733.85	13548.66	13463.88	13582.13	1.02	ppb
Silver	107-1	0.59	0.55	0.60	0.58	4.61	ppb
Silver	109-1	0.56	0.57	0.58	0.57	2.09	ppb
Strontium	86-1	121.15	121.48	123.28	121.97	0.94	ppb
Strontium	88-1	119.78	121.69	121.21	120.89	0.82	ppb
Sulfur	34-1	1051.93	609.62	780.70	814.08	27.40	ppb
Terbium	159-1				121		%
Terbium	159-2				119		%
Thallium	203-1	1.72	1.93	1.75	1.80	6.16	ppb
Thallium	205-1	1.79	1.87	1.79	1.81	2.61	ppb
Tin	118-1	2.42	2.54	2.57	2.51	3.06	ppb
Titanium	47-1	7375.00	7398.60	7192.17	7321.92	1.54	ppb

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : Q2289-03 Instrumnet Name : P7
Client Sample ID : SP-3 Dilution Factor : 1
Date & Time Acquired : 2025-06-18 13:05:42 DataFile Name : 031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	7.10	7.41	7.16	7.23	2.31	ppb
Vanadium	51-2	255.98	258.92	261.57	258.82	1.08	ppb
Yttrium	89-1				138		%
Yttrium	89-2				144		%
Zinc	66-2	822.46	834.75	833.18	830.13	0.81	ppb
Zirconium	90-1	8.10	7.90	8.13	8.04	1.52	ppb
Zirconium	91-1	8.01	8.20	8.09	8.10	1.16	ppb

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : PB168510BL Instrumnet Name : P7
Client Sample ID : PB168510BL Dilution Factor : 1
Date & Time Acquired : 2025-06-18 13:08:55 DataFile Name : 032CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.82	1.35	0.98	1.05	26.04	ppb
Antimony	121-1	0.00	0.00	0.01	0.00	84.11	ppb
Arsenic	75-2	-0.02	-0.01	-0.01	-0.01		ppb
Barium	135-1	0.01	0.00	0.00	0.00	110.99	ppb
Barium	137-1	0.02	0.03	0.03	0.03	27.64	ppb
Beryllium	9-1	0.03	-0.02	0.00	0.00	612.17	ppb
Bismuth	209-1				105		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.06	0.01	0.05	0.04	61.55	ppb
Cadmium	106-1	-1.11	-1.19	-1.54	-1.28		ppb
Cadmium	111-1	-0.09	-0.08	-0.12	-0.10		ppb
Calcium	43-1	-10.57	-6.70	-13.94	-10.40		ppb
Calcium	44-1	0.78	-0.33	-0.32	0.05	1416.90	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	0.09	0.05	0.05	97.00	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.17	0.24	0.24	0.21	19.53	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				104		%
Indium	115-1				108		%
Indium	115-2				103		%
Iron	56-2	2.69	2.51	2.49	2.56	4.24	ppb
Iron	57-2	3.28	3.25	3.83	3.45	9.54	ppb
Iron	54-2	2.12	2.75	3.03	2.63	17.62	ppb
Krypton	83-1						cps

LB Number : LB136195 Operator : Jaswal
 Lab Sample ID : PB168510BL Instrumnet Name : P7
 Client Sample ID : PB168510BL Dilution Factor : 1
 Date & Time Acquired : 2025-06-18 13:08:55 DataFile Name : 032CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.03	0.01	0.03	0.02	40.16	ppb
Lead	207-1	0.04	0.01	0.03	0.03	41.99	ppb
Lead	208-1	0.03	0.01	0.02	0.02	55.09	ppb
Lithium	6-1				90		%
Magnesium	24-2	1.59	0.90	0.76	1.09	41.13	ppb
Manganese	55-2	0.08	0.12	0.02	0.07	72.01	ppb
Molybdenum	94-1	-0.01	0.00	0.01	0.00	640.82	ppb
Molybdenum	95-1	-0.01	0.01	0.01	0.00	234.98	ppb
Molybdenum	96-1	0.00	0.01	0.02	0.01	89.25	ppb
Molybdenum	97-1	0.01	0.01	0.02	0.02	42.21	ppb
Molybdenum	98-1	0.01	0.00	0.00	0.00	163.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	-0.07	-0.05	-0.05		ppb
Phosphorus	31-2	-52.11	-35.35	-37.33	-41.60		ppb
Potassium	39-2	-0.18	-2.67	-1.60	-1.48		ppb
Rhodium	103-1				106		%
Rhodium	103-2				112		%
Scandium	45-1				104		%
Scandium	45-2				101		%
Sdium	23-2	10.90	10.92	12.04	11.29	5.78	ppb
Selenium	82-1	0.51	-0.80	-0.81	-0.37		ppb
Selenium	77-2	-0.26	0.12	-0.26	-0.14		ppb
Selenium	78-2	-2.14	-1.25	-3.39	-2.26		ppb
Silicon	28-1	-8.44	-9.29	-8.81	-8.85		ppb
Silver	107-1	0.01	0.01	0.01	0.01	29.81	ppb
Silver	109-1	0.01	0.01	0.01	0.01	38.07	ppb
Strontium	86-1	-0.04	0.03	-0.02	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	964.96	ppb
Sulfur	34-1	-3992.76	-4147.03	-4122.52	-4087.44		ppb
Terbium	159-1				107		%
Terbium	159-2				105		%
Thallium	203-1	0.02	0.03	0.05	0.03	31.63	ppb
Thallium	205-1	0.02	0.03	0.03	0.03	8.84	ppb
Tin	118-1	-0.02	-0.01	-0.03	-0.02		ppb
Titanium	47-1	0.15	0.15	0.15	0.15	1.91	ppb

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : PB168510BL Instrumnet Name : P7
Client Sample ID : PB168510BL Dilution Factor : 1
Date & Time Acquired : 2025-06-18 13:08:55 DataFile Name : 032CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	170.92	ppb
Vanadium	51-2	0.01	0.01	0.00	0.01	86.39	ppb
Yttrium	89-1				108		%
Yttrium	89-2				104		%
Zinc	66-2	0.12	0.09	0.08	0.10	21.40	ppb
Zirconium	90-1	0.01	0.00	0.01	0.00	33.06	ppb
Zirconium	91-1	0.01	0.01	0.01	0.01	19.24	ppb

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : CCV2 Instrumnet Name : P7
Client Sample ID : CCV2 Dilution Factor : 1
Date & Time Acquired : 2025-06-18 13:12:15 DataFile Name : 033CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50714.74	49738.61	50216.09	50223.15	0.97	ppb
Antimony	121-1	528.59	552.16	536.96	539.24	2.22	ppb
Arsenic	75-2	469.77	500.10	509.65	493.17	4.22	ppb
Barium	135-1	2673.60	2709.03	2754.48	2712.37	1.49	ppb
Barium	137-1	2638.77	2662.98	2762.30	2688.01	2.44	ppb
Beryllium	9-1	518.48	518.88	513.97	517.11	0.53	ppb
Bismuth	209-1				102		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	512.36	530.22	530.70	524.43	1.99	ppb
Cadmium	106-1	513.71	523.44	537.37	524.84	2.27	ppb
Cadmium	111-1	507.94	513.90	521.51	514.45	1.32	ppb
Calcium	43-1	262027.13	267598.96	260455.86	263360.65	1.43	ppb
Calcium	44-1	259364.77	268120.10	262141.36	263208.74	1.70	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	495.33	488.00	486.37	489.90	0.97	ppb
Cobalt	59-2	493.54	487.08	484.22	488.28	0.98	ppb
Copper	63-2	5157.98	5135.92	5039.87	5111.26	1.23	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				105		%
Indium	115-1				105		%
Indium	115-2				99		%
Iron	56-2	136119.79	131586.75	133466.95	133724.50	1.70	ppb
Iron	57-2	135337.19	132102.41	134412.38	133950.66	1.24	ppb
Iron	54-2	135523.43	135131.80	131324.45	133993.23	1.73	ppb
Krypton	83-1						cps

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : CCV2 Instrumnet Name : P7
Client Sample ID : CCV2 Dilution Factor : 1
Date & Time Acquired : 2025-06-18 13:12:15 DataFile Name : 033CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2621.31	2661.44	2650.74	2644.50	0.79	ppb
Lead	207-1	2622.13	2646.21	2613.00	2627.11	0.65	ppb
Lead	208-1	2620.55	2677.03	2629.89	2642.49	1.15	ppb
Lithium	6-1				93		%
Magnesium	24-2	250969.93	253681.46	251411.93	252021.11	0.58	ppb
Manganese	55-2	5249.87	5138.64	5107.53	5165.35	1.45	ppb
Molybdenum	94-1	5117.21	5221.57	5233.89	5190.89	1.23	ppb
Molybdenum	95-1	5199.64	5224.85	5163.86	5196.12	0.59	ppb
Molybdenum	96-1	5127.84	5235.45	5075.57	5146.29	1.58	ppb
Molybdenum	97-1	5225.62	5337.59	5063.30	5208.84	2.65	ppb
Molybdenum	98-1	5205.13	5247.16	5219.89	5224.06	0.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	518.81	507.03	506.16	510.66	1.38	ppb
Phosphorus	31-2	10364.50	10153.44	10143.61	10220.52	1.22	ppb
Potassium	39-2	129902.21	125439.41	127275.32	127538.98	1.76	ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				106		%
Scandium	45-2				104		%
Sdium	23-2	262629.83	251504.60	250287.92	254807.45	2.67	ppb
Selenium	82-1	492.83	494.95	482.47	490.08	1.36	ppb
Selenium	77-2	456.04	492.20	502.74	483.66	5.06	ppb
Selenium	78-2	451.29	502.21	510.27	487.92	6.55	ppb
Silicon	28-1	420.84	420.17	418.20	419.73	0.33	ppb
Silver	107-1	547.56	561.68	560.29	556.51	1.40	ppb
Silver	109-1	545.99	562.14	570.68	559.60	2.24	ppb
Strontium	86-1	519.22	525.19	514.03	519.48	1.08	ppb
Strontium	88-1	509.83	525.27	505.83	513.64	2.00	ppb
Sulfur	34-1	9300.54	9383.18	9219.32	9301.01	0.88	ppb
Terbium	159-1				107		%
Terbium	159-2				107		%
Thallium	203-1	537.52	541.72	532.39	537.21	0.87	ppb
Thallium	205-1	532.37	543.22	537.00	537.53	1.01	ppb
Tin	118-1	529.56	544.48	545.10	539.71	1.63	ppb
Titanium	47-1	5226.06	5086.16	5016.53	5109.58	2.09	ppb

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : CCV2 Instrumnet Name : P7
Client Sample ID : CCV2 Dilution Factor : 1
Date & Time Acquired : 2025-06-18 13:12:15 DataFile Name : 033CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	516.81	539.30	543.38	533.16	2.68	ppb
Vanadium	51-2	500.77	498.59	495.93	498.43	0.49	ppb
Yttrium	89-1				107		%
Yttrium	89-2				107		%
Zinc	66-2	5081.37	5004.23	4943.91	5009.84	1.38	ppb
Zirconium	90-1	507.37	529.70	514.26	517.11	2.21	ppb
Zirconium	91-1	482.43	491.97	479.27	484.56	1.36	ppb

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : CCB2 Instrumnet Name : P7
Client Sample ID : CCB2 Dilution Factor : 1
Date & Time Acquired : 2025-06-18 13:15:09 DataFile Name : 034CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.23	1.96	0.82	1.34	43.17	ppb
Antimony	121-1	0.11	0.11	0.13	0.12	6.46	ppb
Arsenic	75-2	-0.02	-0.02	-0.02	-0.02		ppb
Barium	135-1	0.03	0.03	0.01	0.03	41.39	ppb
Barium	137-1	0.05	0.05	0.04	0.05	10.95	ppb
Beryllium	9-1	0.04	0.02	0.00	0.02	113.25	ppb
Bismuth	209-1				106		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.10	0.19	0.01	0.10	86.75	ppb
Cadmium	106-1	0.26	-0.32	0.51	0.15	281.26	ppb
Cadmium	111-1	0.03	-0.01	0.05	0.02	114.38	ppb
Calcium	43-1	-10.38	-10.02	-10.66	-10.35		ppb
Calcium	44-1	-0.71	-3.06	-3.81	-2.53		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.03	-0.01	0.04	0.02	143.19	ppb
Cobalt	59-2	0.00	0.01	0.00	0.00	138.32	ppb
Copper	63-2	0.30	0.21	0.24	0.25	18.68	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				103		%
Indium	115-1				106		%
Indium	115-2				102		%
Iron	56-2	2.49	2.37	2.36	2.41	3.11	ppb
Iron	57-2	1.97	2.47	0.84	1.76	47.48	ppb
Iron	54-2	3.49	2.28	1.63	2.47	38.19	ppb
Krypton	83-1						cps

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : CCB2 Instrumnet Name : P7
Client Sample ID : CCB2 Dilution Factor : 1
Date & Time Acquired : 2025-06-18 13:15:09 DataFile Name : 034CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.07	0.06	0.07	0.07	11.61	ppb
Lead	207-1	0.06	0.05	0.05	0.05	13.05	ppb
Lead	208-1	0.07	0.06	0.06	0.06	10.48	ppb
Lithium	6-1				95		%
Magnesium	24-2	3.58	3.96	2.94	3.50	14.81	ppb
Manganese	55-2	0.07	0.02	0.01	0.03	98.87	ppb
Molybdenum	94-1	0.22	0.26	0.18	0.22	17.52	ppb
Molybdenum	95-1	0.13	0.13	0.13	0.13	3.00	ppb
Molybdenum	96-1	0.17	0.12	0.18	0.16	18.29	ppb
Molybdenum	97-1	0.18	0.15	0.13	0.15	16.35	ppb
Molybdenum	98-1	0.16	0.14	0.16	0.15	7.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.09	0.00	-0.04		ppb
Phosphorus	31-2	-43.80	-38.89	-19.26	-33.98		ppb
Potassium	39-2	2.01	4.74	5.62	4.12	45.68	ppb
Rhodium	103-1				104		%
Rhodium	103-2				106		%
Scandium	45-1				104		%
Scandium	45-2				101		%
Sdium	23-2	18.95	19.57	18.49	19.00	2.85	ppb
Selenium	82-1	0.16	0.64	-0.13	0.22	175.70	ppb
Selenium	77-2	-0.26	-0.26	-0.26	-0.26		ppb
Selenium	78-2	-2.59	-2.26	-0.07	-1.64		ppb
Silicon	28-1	-7.68	-11.44	-11.11	-10.08		ppb
Silver	107-1	0.04	0.03	0.02	0.03	42.74	ppb
Silver	109-1	0.04	0.03	0.04	0.04	16.17	ppb
Strontium	86-1	-0.02	0.03	0.02	0.01	260.36	ppb
Strontium	88-1	0.01	0.00	0.00	0.00	66.00	ppb
Sulfur	34-1	-1765.39	-2032.45	-2022.79	-1940.21		ppb
Terbium	159-1				105		%
Terbium	159-2				105		%
Thallium	203-1	0.05	0.06	0.06	0.05	7.08	ppb
Thallium	205-1	0.06	0.07	0.06	0.06	9.56	ppb
Tin	118-1	0.03	0.02	0.01	0.02	54.40	ppb
Titanium	47-1	0.16	0.18	0.14	0.16	12.41	ppb

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : CCB2 Instrumnet Name : P7
Client Sample ID : CCB2 Dilution Factor : 1
Date & Time Acquired : 2025-06-18 13:15:09 DataFile Name : 034CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.01	0.01	0.01	0.01	9.81	ppb
Vanadium	51-2	0.01	0.00	0.00	0.00	74.79	ppb
Yttrium	89-1				104		%
Yttrium	89-2				105		%
Zinc	66-2	0.08	-0.16	-0.06	-0.05		ppb
Zirconium	90-1	0.03	0.04	0.04	0.04	14.87	ppb
Zirconium	91-1	0.03	0.04	0.05	0.04	29.84	ppb

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : PB168510BS Instrumnet Name : P7
Client Sample ID : PB168510BS Dilution Factor : 1
Date & Time Acquired : 2025-06-18 13:18:30 DataFile Name : 035LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8489.57	8636.40	8567.28	8564.42	0.86	ppb
Antimony	121-1	519.22	529.92	502.03	517.06	2.72	ppb
Arsenic	75-2	504.41	502.08	510.77	505.75	0.89	ppb
Barium	135-1	2604.53	2633.17	2644.89	2627.53	0.79	ppb
Barium	137-1	2537.81	2613.86	2517.17	2556.28	1.99	ppb
Beryllium	9-1	501.12	493.50	493.42	496.01	0.89	ppb
Bismuth	209-1				109		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	502.24	516.98	510.04	509.76	1.45	ppb
Cadmium	106-1	512.70	523.89	516.46	517.68	1.10	ppb
Cadmium	111-1	510.28	529.67	518.60	519.52	1.87	ppb
Calcium	43-1	46234.30	46458.00	46826.08	46506.13	0.64	ppb
Calcium	44-1	47911.13	47826.36	48932.84	48223.44	1.28	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	486.30	484.64	476.87	482.60	1.04	ppb
Cobalt	59-2	484.71	490.68	518.45	497.95	3.62	ppb
Copper	63-2	5243.09	5224.61	5112.01	5193.23	1.37	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				106		%
Indium	115-1				106		%
Indium	115-2				102		%
Iron	56-2	25060.40	24732.87	24797.10	24863.46	0.70	ppb
Iron	57-2	23831.74	23942.27	23599.43	23791.14	0.74	ppb
Iron	54-2	25282.02	25506.15	25710.60	25499.59	0.84	ppb
Krypton	83-1						cps

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : PB168510BS Instrumnet Name : P7
Client Sample ID : PB168510BS Dilution Factor : 1
Date & Time Acquired : 2025-06-18 13:18:30 DataFile Name : 035LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2465.98	2475.20	2560.40	2500.52	2.08	ppb
Lead	207-1	2397.47	2458.53	2573.08	2476.36	3.60	ppb
Lead	208-1	2439.40	2467.29	2544.51	2483.73	2.19	ppb
Lithium	6-1				97		%
Magnesium	24-2	47163.13	47097.64	47767.96	47342.91	0.78	ppb
Manganese	55-2	5152.92	5079.07	5051.44	5094.48	1.03	ppb
Molybdenum	94-1	4880.93	4954.62	5009.54	4948.36	1.30	ppb
Molybdenum	95-1	4871.13	4899.05	4990.39	4920.19	1.27	ppb
Molybdenum	96-1	4881.23	4949.17	5022.29	4950.90	1.42	ppb
Molybdenum	97-1	4942.52	4952.22	5088.41	4994.38	1.63	ppb
Molybdenum	98-1	4961.37	4986.02	5051.37	4999.59	0.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	522.70	521.46	513.70	519.29	0.94	ppb
Phosphorus	31-2	9811.00	9817.87	10059.85	9896.24	1.43	ppb
Potassium	39-2	23641.73	24029.19	23426.46	23699.13	1.29	ppb
Rhodium	103-1				105		%
Rhodium	103-2				108		%
Scandium	45-1				106		%
Scandium	45-2				104		%
Sdium	23-2	47309.36	48353.60	47043.79	47568.92	1.46	ppb
Selenium	82-1	494.27	500.53	506.82	500.54	1.25	ppb
Selenium	77-2	485.41	510.63	528.08	508.04	4.22	ppb
Selenium	78-2	515.44	491.63	503.45	503.51	2.36	ppb
Silicon	28-1	469.89	479.87	501.41	483.72	3.33	ppb
Silver	107-1	526.49	534.78	524.35	528.54	1.04	ppb
Silver	109-1	530.21	527.18	536.93	531.44	0.94	ppb
Strontium	86-1	487.12	492.26	499.03	492.80	1.21	ppb
Strontium	88-1	487.85	493.51	509.30	496.88	2.24	ppb
Sulfur	34-1	8536.47	7933.27	8047.47	8172.40	3.92	ppb
Terbium	159-1				109		%
Terbium	159-2				107		%
Thallium	203-1	502.08	490.27	508.71	500.35	1.87	ppb
Thallium	205-1	501.72	499.99	511.43	504.38	1.22	ppb
Tin	118-1	515.79	532.89	509.39	519.36	2.34	ppb
Titanium	47-1	4947.44	5033.97	4909.11	4963.51	1.29	ppb

LB Number :	LB136195	Operator :	Jaswal
Lab Sample ID :	PB168510BS	Instrumnet Name :	P7
Client Sample ID :	PB168510BS	Dilution Factor :	1
Date & Time Acquired :	2025-06-18 13:18:30	DataFile Name :	035LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	482.54	478.27	492.02	484.27	1.45	ppb
Vanadium	51-2	480.27	482.77	479.13	480.72	0.39	ppb
Yttrium	89-1				108		%
Yttrium	89-2				105		%
Zinc	66-2	5249.09	5298.90	5292.87	5280.29	0.51	ppb
Zirconium	90-1	486.69	493.21	502.19	494.03	1.58	ppb
Zirconium	91-1	459.77	462.05	471.65	464.49	1.36	ppb

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : Q2289-02DUP Instrumnet Name : P7
Client Sample ID : SP-2DUP Dilution Factor : 1
Date & Time Acquired : 2025-06-18 13:21:23 DataFile Name : 036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16630.95	16606.47	16193.20	16476.87	1.49	ppb
Antimony	121-1	0.75	0.72	0.75	0.74	2.60	ppb
Arsenic	75-2	4.67	5.04	5.21	4.98	5.54	ppb
Barium	135-1	108.59	103.29	110.67	107.52	3.54	ppb
Barium	137-1	107.15	106.37	108.78	107.43	1.15	ppb
Beryllium	9-1	0.74	0.78	0.63	0.72	10.57	ppb
Bismuth	209-1				119		%
Bismuth	209-2				130		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.39	1.67	2.13	1.73	21.53	ppb
Cadmium	106-1	1.02	1.67	1.03	1.24	30.37	ppb
Cadmium	111-1	0.55	0.60	0.50	0.55	8.60	ppb
Calcium	43-1	8223.28	8721.00	8486.83	8477.04	2.94	ppb
Calcium	44-1	8961.43	8961.60	8970.40	8964.48	0.06	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	24.02	24.14	24.49	24.22	0.99	ppb
Cobalt	59-2	11.97	12.01	11.90	11.96	0.46	ppb
Copper	63-2	59.25	58.17	58.68	58.70	0.92	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				122		%
Holmium	165-2				116		%
Indium	115-1				120		%
Indium	115-2				114		%
Iron	56-2	24038.57	23528.51	23393.17	23653.42	1.44	ppb
Iron	57-2	22497.42	22026.60	22381.11	22301.71	1.10	ppb
Iron	54-2	23853.81	23533.85	24067.08	23818.25	1.13	ppb
Krypton	83-1						cps

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : Q2289-02DUP Instrumnet Name : P7
Client Sample ID : SP-2DUP Dilution Factor : 1
Date & Time Acquired : 2025-06-18 13:21:23 DataFile Name : 036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	28.77	28.62	28.60	28.66	0.32	ppb
Lead	207-1	25.56	27.48	25.63	26.22	4.14	ppb
Lead	208-1	26.64	27.47	26.47	26.86	1.99	ppb
Lithium	6-1				105		%
Magnesium	24-2	6227.47	6288.89	6225.49	6247.28	0.58	ppb
Manganese	55-2	455.36	452.45	457.42	455.08	0.55	ppb
Molybdenum	94-1	4.37	4.39	4.43	4.39	0.70	ppb
Molybdenum	95-1	2.73	2.73	2.81	2.76	1.60	ppb
Molybdenum	96-1	3.28	3.41	3.24	3.31	2.52	ppb
Molybdenum	97-1	2.77	2.88	2.59	2.74	5.38	ppb
Molybdenum	98-1	2.78	2.72	2.73	2.74	1.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	22.51	22.52	22.52	22.52	0.01	ppb
Phosphorus	31-2	538.06	518.80	547.63	534.83	2.75	ppb
Potassium	39-2	6150.38	6105.23	5926.63	6060.75	1.95	ppb
Rhodium	103-1				118		%
Rhodium	103-2				124		%
Scandium	45-1				120		%
Scandium	45-2				116		%
Sdium	23-2	27092.25	26949.95	27568.94	27203.71	1.19	ppb
Selenium	82-1	0.44	-0.19	0.48	0.24	153.26	ppb
Selenium	77-2	4.35	3.53	4.84	4.24	15.60	ppb
Selenium	78-2	-1.02	-2.04	-2.18	-1.75		ppb
Silicon	28-1	4524.14	4752.69	4612.95	4629.93	2.49	ppb
Silver	107-1	0.15	0.14	0.14	0.14	1.83	ppb
Silver	109-1	0.15	0.13	0.15	0.15	7.48	ppb
Strontium	86-1	28.48	29.50	28.69	28.89	1.88	ppb
Strontium	88-1	26.18	26.56	26.35	26.36	0.72	ppb
Sulfur	34-1	1570.10	2157.15	1707.71	1811.65	16.95	ppb
Terbium	159-1				122		%
Terbium	159-2				118		%
Thallium	203-1	0.32	0.35	0.30	0.32	7.92	ppb
Thallium	205-1	0.30	0.31	0.31	0.31	2.03	ppb
Tin	118-1	1.15	1.15	1.12	1.14	1.68	ppb
Titanium	47-1	1166.25	1244.64	1209.46	1206.78	3.25	ppb

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : Q2289-02DUP Instrumnet Name : P7
Client Sample ID : SP-2DUP Dilution Factor : 1
Date & Time Acquired : 2025-06-18 13:21:23 DataFile Name : 036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.20	1.26	1.24	1.23	2.62	ppb
Vanadium	51-2	43.34	42.50	43.62	43.15	1.35	ppb
Yttrium	89-1				123		%
Yttrium	89-2				126		%
Zinc	66-2	167.37	168.15	166.36	167.29	0.54	ppb
Zirconium	90-1	1.22	1.15	1.17	1.18	2.92	ppb
Zirconium	91-1	1.10	1.27	1.21	1.19	7.01	ppb

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : Q2289-02LX5 Instrumnet Name : P7
Client Sample ID : SP-2L Dilution Factor : 5
Date & Time Acquired : 2025-06-18 13:24:35 DataFile Name : 037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3135.41	3118.78	3038.16	3097.45	1.68	ppb
Antimony	121-1	0.16	0.16	0.18	0.17	5.00	ppb
Arsenic	75-2	1.14	1.13	1.18	1.15	1.99	ppb
Barium	135-1	21.13	21.60	21.74	21.49	1.49	ppb
Barium	137-1	21.12	22.51	21.86	21.83	3.18	ppb
Beryllium	9-1	0.14	0.11	0.12	0.12	10.99	ppb
Bismuth	209-1				104		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.46	0.26	0.27	0.33	34.63	ppb
Cadmium	106-1	0.13	-1.12	-0.88	-0.62		ppb
Cadmium	111-1	0.07	0.01	0.06	0.05	70.94	ppb
Calcium	43-1	1732.85	1737.45	1806.74	1759.01	2.35	ppb
Calcium	44-1	1750.75	1758.03	1793.86	1767.55	1.31	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5.09	5.06	5.05	5.07	0.36	ppb
Cobalt	59-2	2.52	2.51	2.56	2.53	1.06	ppb
Copper	63-2	12.16	12.06	12.16	12.13	0.46	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				107		%
Indium	115-1				111		%
Indium	115-2				105		%
Iron	56-2	4900.43	4956.29	4754.05	4870.26	2.14	ppb
Iron	57-2	4623.09	4694.90	4547.66	4621.88	1.59	ppb
Iron	54-2	4714.58	4688.72	4553.23	4652.18	1.86	ppb
Krypton	83-1						cps

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : Q2289-02LX5 Instrumnet Name : P7
Client Sample ID : SP-2L Dilution Factor : 5
Date & Time Acquired : 2025-06-18 13:24:35 DataFile Name : 037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	5.52	5.31	5.40	5.41	1.86	ppb
Lead	207-1	4.92	4.91	4.82	4.88	1.11	ppb
Lead	208-1	5.08	5.03	5.06	5.06	0.48	ppb
Lithium	6-1				94		%
Magnesium	24-2	1174.55	1184.82	1154.65	1171.34	1.31	ppb
Manganese	55-2	94.20	94.64	91.33	93.39	1.93	ppb
Molybdenum	94-1	0.77	0.93	0.94	0.88	10.74	ppb
Molybdenum	95-1	0.57	0.60	0.61	0.59	3.50	ppb
Molybdenum	96-1	0.72	0.68	0.70	0.70	2.49	ppb
Molybdenum	97-1	0.60	0.54	0.59	0.58	5.08	ppb
Molybdenum	98-1	0.58	0.56	0.57	0.57	1.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.65	4.70	4.59	4.65	1.23	ppb
Phosphorus	31-2	58.85	63.49	78.59	66.98	15.42	ppb
Potassium	39-2	1195.42	1188.75	1161.88	1182.02	1.50	ppb
Rhodium	103-1				108		%
Rhodium	103-2				116		%
Scandium	45-1				105		%
Scandium	45-2				104		%
Sdium	23-2	5756.95	5634.96	5502.86	5631.59	2.26	ppb
Selenium	82-1	0.62	-0.48	-0.31	-0.06		ppb
Selenium	77-2	1.96	0.11	0.49	0.85	114.97	ppb
Selenium	78-2	0.55	-1.22	-0.50	-0.39		ppb
Silicon	28-1	980.99	991.17	1005.19	992.45	1.22	ppb
Silver	107-1	0.03	0.04	0.03	0.03	11.61	ppb
Silver	109-1	0.04	0.03	0.03	0.03	17.23	ppb
Strontium	86-1	5.97	5.98	5.78	5.91	1.89	ppb
Strontium	88-1	5.40	5.42	5.36	5.39	0.60	ppb
Sulfur	34-1	-2371.09	-2400.01	-2311.42	-2360.84		ppb
Terbium	159-1				109		%
Terbium	159-2				108		%
Thallium	203-1	0.09	0.08	0.10	0.09	14.93	ppb
Thallium	205-1	0.09	0.08	0.09	0.09	2.92	ppb
Tin	118-1	0.81	0.86	0.86	0.84	3.36	ppb
Titanium	47-1	249.00	246.97	255.72	250.56	1.83	ppb

LB Number : LB136195 Operator : Jaswal
 Lab Sample ID : Q2289-02LX5 Instrumnet Name : P7
 Client Sample ID : SP-2L Dilution Factor : 5
 Date & Time Acquired : 2025-06-18 13:24:35 DataFile Name : 037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.25	0.25	0.24	0.24	2.12	ppb
Vanadium	51-2	8.78	8.95	8.71	8.81	1.39	ppb
Yttrium	89-1				108		%
Yttrium	89-2				107		%
Zinc	66-2	35.55	33.33	34.42	34.43	3.23	ppb
Zirconium	90-1	0.24	0.25	0.25	0.25	1.08	ppb
Zirconium	91-1	0.21	0.26	0.25	0.24	10.89	ppb

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : Q2289-02MS Instrumnet Name : P7
Client Sample ID : SP-2MS Dilution Factor : 1
Date & Time Acquired : 2025-06-18 13:27:56 DataFile Name : 038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	24614.37	24441.93	24623.80	24560.03	0.42	ppb
Antimony	121-1	534.36	541.68	547.02	541.02	1.18	ppb
Arsenic	75-2	4.98	4.24	4.76	4.66	8.18	ppb
Barium	135-1	2474.35	2540.65	2519.25	2511.42	1.35	ppb
Barium	137-1	2429.85	2490.96	2488.38	2469.73	1.40	ppb
Beryllium	9-1	540.42	535.85	523.61	533.29	1.63	ppb
Bismuth	209-1				118		%
Bismuth	209-2				125		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	509.00	525.64	508.97	514.54	1.87	ppb
Cadmium	106-1	520.63	539.13	533.66	531.14	1.79	ppb
Cadmium	111-1	515.17	535.06	532.77	527.67	2.06	ppb
Calcium	43-1	54618.39	57977.89	57583.92	56726.73	3.24	ppb
Calcium	44-1	57029.67	59758.73	59989.09	58925.83	2.79	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	487.07	491.89	497.37	492.11	1.05	ppb
Cobalt	59-2	545.09	552.50	569.11	555.57	2.21	ppb
Copper	63-2	5090.46	5214.01	5215.30	5173.25	1.39	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				119		%
Holmium	165-2				115		%
Indium	115-1				116		%
Indium	115-2				110		%
Iron	56-2	42945.50	44473.41	44794.68	44071.20	2.24	ppb
Iron	57-2	42614.70	44522.79	43751.44	43629.65	2.20	ppb
Iron	54-2	44635.80	44431.28	45110.31	44725.80	0.78	ppb
Krypton	83-1						cps

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : Q2289-02MS Instrumnet Name : P7
Client Sample ID : SP-2MS Dilution Factor : 1
Date & Time Acquired : 2025-06-18 13:27:56 DataFile Name : 038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2506.64	2461.72	2549.91	2506.09	1.76	ppb
Lead	207-1	2494.96	2511.29	2563.76	2523.34	1.42	ppb
Lead	208-1	2502.00	2482.95	2540.14	2508.36	1.16	ppb
Lithium	6-1				103		%
Magnesium	24-2	54480.21	54671.79	54684.58	54612.19	0.21	ppb
Manganese	55-2	5381.97	5415.80	5494.35	5430.71	1.06	ppb
Molybdenum	94-1	2313.53	2354.08	2386.55	2351.39	1.56	ppb
Molybdenum	95-1	1730.98	1792.11	1761.58	1761.56	1.73	ppb
Molybdenum	96-1	1796.30	1857.56	1816.82	1823.56	1.71	ppb
Molybdenum	97-1	1777.05	1778.47	1825.83	1793.78	1.55	ppb
Molybdenum	98-1	1724.83	1795.68	1787.79	1769.43	2.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	526.99	532.53	537.73	532.42	1.01	ppb
Phosphorus	31-2	498.98	490.75	491.73	493.82	0.91	ppb
Potassium	39-2	27085.00	26746.42	27292.66	27041.36	1.02	ppb
Rhodium	103-1				115		%
Rhodium	103-2				122		%
Scandium	45-1				118		%
Scandium	45-2				115		%
Sdium	23-2	73572.82	74585.10	74887.47	74348.46	0.93	ppb
Selenium	82-1	499.08	514.39	514.19	509.22	1.72	ppb
Selenium	77-2	506.97	497.12	501.00	501.70	0.99	ppb
Selenium	78-2	484.31	486.50	491.63	487.48	0.77	ppb
Silicon	28-1	4365.85	4706.87	4631.69	4568.14	3.92	ppb
Silver	107-1	83.33	86.29	86.05	85.23	1.93	ppb
Silver	109-1	82.88	85.49	85.26	84.55	1.71	ppb
Strontium	86-1	597.32	610.61	612.68	606.87	1.37	ppb
Strontium	88-1	598.25	615.79	608.72	607.59	1.45	ppb
Sulfur	34-1	1851.64	2694.04	2703.32	2416.34	20.24	ppb
Terbium	159-1				120		%
Terbium	159-2				117		%
Thallium	203-1	508.27	514.25	526.29	516.27	1.78	ppb
Thallium	205-1	512.23	510.21	514.84	512.43	0.45	ppb
Tin	118-1	453.89	483.61	464.12	467.20	3.23	ppb
Titanium	47-1	1135.22	1207.59	1195.78	1179.53	3.29	ppb

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : Q2289-02MS Instrumnet Name : P7
Client Sample ID : SP-2MS Dilution Factor : 1
Date & Time Acquired : 2025-06-18 13:27:56 DataFile Name : 038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	496.93	502.96	505.03	501.64	0.84	ppb
Vanadium	51-2	526.69	531.68	534.55	530.97	0.75	ppb
Yttrium	89-1				122		%
Yttrium	89-2				125		%
Zinc	66-2	5401.70	5415.82	5494.30	5437.28	0.92	ppb
Zirconium	90-1	486.25	487.30	492.27	488.61	0.66	ppb
Zirconium	91-1	452.58	460.57	461.42	458.19	1.06	ppb

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : Q2289-02MSD Instrumnet Name : P7
Client Sample ID : SP-2MSD Dilution Factor : 1
Date & Time Acquired : 2025-06-18 13:30:48 DataFile Name : 039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	25411.41	24266.29	24635.55	24771.08	2.36	ppb
Antimony	121-1	536.70	537.92	549.07	541.23	1.26	ppb
Arsenic	75-2	5.13	4.71	5.11	4.98	4.69	ppb
Barium	135-1	2459.66	2448.79	2481.27	2463.24	0.67	ppb
Barium	137-1	2415.24	2440.43	2454.11	2436.59	0.81	ppb
Beryllium	9-1	512.20	525.70	521.25	519.72	1.32	ppb
Bismuth	209-1				118		%
Bismuth	209-2				124		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	506.77	501.71	514.00	507.49	1.22	ppb
Cadmium	106-1	514.09	511.84	525.23	517.05	1.39	ppb
Cadmium	111-1	518.47	512.63	528.08	519.73	1.50	ppb
Calcium	43-1	54439.43	55314.85	55757.77	55170.68	1.22	ppb
Calcium	44-1	55470.70	57397.37	59010.28	57292.78	3.09	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	496.16	496.88	490.71	494.58	0.68	ppb
Cobalt	59-2	542.84	541.68	551.07	545.20	0.94	ppb
Copper	63-2	5059.30	5089.48	5084.18	5077.65	0.32	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				120		%
Holmium	165-2				114		%
Indium	115-1				115		%
Indium	115-2				108		%
Iron	56-2	44293.10	44622.82	44161.70	44359.21	0.54	ppb
Iron	57-2	44180.93	43889.71	43520.20	43863.61	0.75	ppb
Iron	54-2	44828.31	44527.98	44601.81	44652.70	0.35	ppb
Krypton	83-1						cps

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : Q2289-02MSD Instrumnet Name : P7
Client Sample ID : SP-2MSD Dilution Factor : 1
Date & Time Acquired : 2025-06-18 13:30:48 DataFile Name : 039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2427.36	2509.70	2517.08	2484.72	2.00	ppb
Lead	207-1	2412.54	2481.51	2495.69	2463.25	1.81	ppb
Lead	208-1	2415.80	2483.01	2519.76	2472.85	2.13	ppb
Lithium	6-1				105		%
Magnesium	24-2	54146.03	53021.97	54580.17	53916.06	1.49	ppb
Manganese	55-2	5385.25	5452.07	5423.08	5420.13	0.62	ppb
Molybdenum	94-1	2356.18	2378.16	2358.21	2364.18	0.51	ppb
Molybdenum	95-1	1741.83	1786.59	1764.17	1764.20	1.27	ppb
Molybdenum	96-1	1825.78	1872.07	1836.77	1844.87	1.31	ppb
Molybdenum	97-1	1766.71	1789.07	1793.56	1783.11	0.81	ppb
Molybdenum	98-1	1750.08	1760.16	1759.19	1756.48	0.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	529.99	528.59	533.60	530.73	0.49	ppb
Phosphorus	31-2	521.74	492.81	504.60	506.38	2.87	ppb
Potassium	39-2	27103.65	27296.89	26882.54	27094.36	0.77	ppb
Rhodium	103-1				114		%
Rhodium	103-2				119		%
Scandium	45-1				116		%
Scandium	45-2				114		%
Sdium	23-2	75086.73	74464.24	74734.25	74761.74	0.42	ppb
Selenium	82-1	504.00	508.94	511.96	508.30	0.79	ppb
Selenium	77-2	472.44	524.05	503.42	499.97	5.20	ppb
Selenium	78-2	476.94	486.26	484.81	482.67	1.04	ppb
Silicon	28-1	4566.32	4539.76	4698.58	4601.55	1.85	ppb
Silver	107-1	83.80	83.32	85.14	84.09	1.12	ppb
Silver	109-1	82.86	82.50	84.59	83.31	1.34	ppb
Strontium	86-1	599.69	610.64	605.74	605.36	0.91	ppb
Strontium	88-1	599.93	606.64	608.75	605.11	0.76	ppb
Sulfur	34-1	2150.96	2365.47	2600.59	2372.34	9.48	ppb
Terbium	159-1				120		%
Terbium	159-2				115		%
Thallium	203-1	508.90	514.69	529.98	517.86	2.10	ppb
Thallium	205-1	502.15	524.29	517.50	514.65	2.20	ppb
Tin	118-1	461.00	459.08	458.90	459.66	0.25	ppb
Titanium	47-1	1163.06	1180.99	1194.42	1179.49	1.33	ppb

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : Q2289-02MSD Instrumnet Name : P7
Client Sample ID : SP-2MSD Dilution Factor : 1
Date & Time Acquired : 2025-06-18 13:30:48 DataFile Name : 039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	504.73	505.44	508.11	506.09	0.35	ppb
Vanadium	51-2	532.91	535.61	535.22	534.58	0.27	ppb
Yttrium	89-1				120		%
Yttrium	89-2				123		%
Zinc	66-2	5389.78	5454.03	5283.07	5375.63	1.61	ppb
Zirconium	90-1	489.83	494.69	488.44	490.99	0.67	ppb
Zirconium	91-1	449.58	457.57	459.49	455.55	1.15	ppb

LB Number :

LB136195

Operator :

Jaswal

Lab Sample ID :

Q2289-02A

Instrumnet Name :

P7

Client Sample ID :

SP-2A

Dilution Factor :

1

Date & Time Acquired :

2025-06-18 13:33:42

DataFile Name :

040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	24790.36	23944.53	24631.02	24455.30	1.84	ppb
Antimony	121-1	511.34	525.89	519.22	518.82	1.40	ppb
Arsenic	75-2	5.34	4.71	4.58	4.88	8.39	ppb
Barium	135-1	2419.33	2457.02	2418.70	2431.68	0.90	ppb
Barium	137-1	2405.93	2424.20	2395.28	2408.47	0.61	ppb
Beryllium	9-1	502.18	508.09	503.49	504.59	0.62	ppb
Bismuth	209-1				118		%
Bismuth	209-2				125		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	485.74	492.11	494.45	490.77	0.92	ppb
Cadmium	106-1	507.46	511.59	497.27	505.44	1.46	ppb
Cadmium	111-1	500.76	511.42	504.78	505.65	1.06	ppb
Calcium	43-1	54538.75	56853.22	56220.73	55870.90	2.14	ppb
Calcium	44-1	56858.78	57299.51	58744.02	57634.10	1.71	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	483.02	480.20	479.68	480.97	0.37	ppb
Cobalt	59-2	528.01	531.46	541.54	533.67	1.32	ppb
Copper	63-2	5043.90	5013.28	4955.12	5004.10	0.90	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				118		%
Holmium	165-2				114		%
Indium	115-1				116		%
Indium	115-2				109		%
Iron	56-2	44256.44	43861.78	44931.73	44349.98	1.22	ppb
Iron	57-2	44246.87	43375.84	43883.26	43835.32	1.00	ppb
Iron	54-2	44574.88	44306.51	44583.32	44488.23	0.35	ppb
Krypton	83-1						cps

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : Q2289-02A Instrumnet Name : P7
Client Sample ID : SP-2A Dilution Factor : 1
Date & Time Acquired : 2025-06-18 13:33:42 DataFile Name : 040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2406.75	2497.34	2475.17	2459.76	1.92	ppb
Lead	207-1	2460.25	2539.78	2555.76	2518.60	2.03	ppb
Lead	208-1	2458.40	2494.47	2516.32	2489.73	1.17	ppb
Lithium	6-1				104		%
Magnesium	24-2	52666.14	52479.73	54311.56	53152.47	1.90	ppb
Manganese	55-2	5366.22	5298.93	5444.24	5369.80	1.35	ppb
Molybdenum	94-1	2328.51	2351.98	2328.66	2336.38	0.58	ppb
Molybdenum	95-1	1765.41	1786.89	1789.79	1780.70	0.75	ppb
Molybdenum	96-1	1834.96	1853.48	1863.18	1850.54	0.77	ppb
Molybdenum	97-1	1788.18	1819.85	1863.64	1823.89	2.08	ppb
Molybdenum	98-1	1774.32	1791.80	1835.24	1800.45	1.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	513.18	515.19	514.63	514.34	0.20	ppb
Phosphorus	31-2	513.39	518.77	475.65	502.60	4.68	ppb
Potassium	39-2	27188.90	27045.80	27128.93	27121.21	0.26	ppb
Rhodium	103-1				114		%
Rhodium	103-2				120		%
Scandium	45-1				116		%
Scandium	45-2				115		%
Sdium	23-2	75883.31	72643.86	77207.58	75244.92	3.12	ppb
Selenium	82-1	497.39	502.88	500.30	500.19	0.55	ppb
Selenium	77-2	481.38	501.57	499.58	494.17	2.25	ppb
Selenium	78-2	467.11	472.50	461.43	467.01	1.19	ppb
Silicon	28-1	4494.85	4759.93	4634.29	4629.69	2.86	ppb
Silver	107-1	80.93	82.53	81.78	81.75	0.98	ppb
Silver	109-1	80.01	81.23	80.50	80.58	0.76	ppb
Strontium	86-1	579.79	596.19	603.25	593.08	2.03	ppb
Strontium	88-1	592.16	592.03	602.82	595.67	1.04	ppb
Sulfur	34-1	2082.87	2595.04	2481.38	2386.43	11.27	ppb
Terbium	159-1				120		%
Terbium	159-2				116		%
Thallium	203-1	482.74	494.28	512.67	496.56	3.04	ppb
Thallium	205-1	490.81	499.26	504.94	498.34	1.43	ppb
Tin	118-1	455.26	467.69	462.04	461.66	1.35	ppb
Titanium	47-1	1151.26	1195.09	1190.32	1178.89	2.04	ppb

LB Number : LB136195 Operator : Jaswal
 Lab Sample ID : Q2289-02A Instrumnet Name : P7
 Client Sample ID : SP-2A Dilution Factor : 1
 Date & Time Acquired : 2025-06-18 13:33:42 DataFile Name : 040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	479.64	488.33	490.96	486.31	1.22	ppb
Vanadium	51-2	517.37	515.09	519.47	517.31	0.42	ppb
Yttrium	89-1				120		%
Yttrium	89-2				124		%
Zinc	66-2	5265.74	5354.59	5371.58	5330.64	1.07	ppb
Zirconium	90-1	476.47	476.25	485.43	479.38	1.09	ppb
Zirconium	91-1	439.90	446.12	450.85	445.62	1.23	ppb

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : Q2289-01DLX5 Instrumnet Name : P7
Client Sample ID : SP-1DL Dilution Factor : 5
Date & Time Acquired : 2025-06-18 13:36:33 DataFile Name : 041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8466.99	8464.20	8634.15	8521.78	1.14	ppb
Antimony	121-1	0.16	0.16	0.15	0.16	2.11	ppb
Arsenic	75-2	4.53	4.83	4.76	4.71	3.33	ppb
Barium	135-1	70.68	72.55	72.40	71.88	1.44	ppb
Barium	137-1	71.67	72.01	72.17	71.95	0.36	ppb
Beryllium	9-1	0.37	0.43	0.44	0.41	8.94	ppb
Bismuth	209-1				110		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.41	0.70	0.85	0.65	34.60	ppb
Cadmium	106-1	-0.09	-0.72	0.67	-0.05		ppb
Cadmium	111-1	0.20	0.16	0.26	0.21	23.23	ppb
Calcium	43-1	3806.53	3954.07	3988.03	3916.21	2.46	ppb
Calcium	44-1	3815.87	3964.48	3969.68	3916.68	2.23	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	11.31	11.34	11.48	11.38	0.81	ppb
Cobalt	59-2	8.44	8.62	8.78	8.61	1.99	ppb
Copper	63-2	22.92	22.54	22.86	22.77	0.88	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				108		%
Indium	115-1				112		%
Indium	115-2				107		%
Iron	56-2	16469.65	16426.41	16504.29	16466.78	0.24	ppb
Iron	57-2	15660.29	15539.83	15673.51	15624.54	0.47	ppb
Iron	54-2	16594.99	16756.16	16794.35	16715.17	0.63	ppb
Krypton	83-1						cps

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : Q2289-01DLX5 Instrumnet Name : P7
Client Sample ID : SP-1DL Dilution Factor : 5
Date & Time Acquired : 2025-06-18 13:36:33 DataFile Name : 041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	8.54	8.49	8.18	8.40	2.27	ppb
Lead	207-1	8.00	8.00	7.86	7.95	1.03	ppb
Lead	208-1	8.22	8.11	8.01	8.11	1.28	ppb
Lithium	6-1				98		%
Magnesium	24-2	4297.15	4272.93	4340.06	4303.38	0.79	ppb
Manganese	55-2	295.57	292.48	295.06	294.37	0.56	ppb
Molybdenum	94-1	2.33	2.36	2.51	2.40	4.02	ppb
Molybdenum	95-1	1.16	1.12	1.18	1.15	2.63	ppb
Molybdenum	96-1	1.43	1.61	1.48	1.51	6.00	ppb
Molybdenum	97-1	1.07	0.99	1.12	1.06	6.16	ppb
Molybdenum	98-1	1.08	1.14	1.14	1.12	3.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	12.12	12.21	12.14	12.16	0.40	ppb
Phosphorus	31-2	209.64	220.89	213.96	214.83	2.64	ppb
Potassium	39-2	4658.28	4641.37	4682.04	4660.56	0.44	ppb
Rhodium	103-1				109		%
Rhodium	103-2				118		%
Scandium	45-1				108		%
Scandium	45-2				108		%
Sdium	23-2	17015.09	16927.50	17054.21	16998.94	0.38	ppb
Selenium	82-1	0.02	0.89	0.12	0.34	138.72	ppb
Selenium	77-2	4.45	2.40	3.48	3.44	29.85	ppb
Selenium	78-2	-1.98	-3.17	-3.83	-2.99		ppb
Silicon	28-1	2423.20	2544.71	2573.47	2513.79	3.17	ppb
Silver	107-1	0.11	0.10	0.09	0.10	6.89	ppb
Silver	109-1	0.11	0.11	0.10	0.11	6.46	ppb
Strontium	86-1	14.63	14.87	15.01	14.84	1.30	ppb
Strontium	88-1	13.47	13.93	13.97	13.79	2.04	ppb
Sulfur	34-1	-2441.58	-2259.31	-2239.40	-2313.43		ppb
Terbium	159-1				113		%
Terbium	159-2				111		%
Thallium	203-1	0.41	0.37	0.37	0.39	5.61	ppb
Thallium	205-1	0.40	0.38	0.38	0.39	2.34	ppb
Tin	118-1	0.41	0.42	0.41	0.41	1.06	ppb
Titanium	47-1	905.56	936.77	946.96	929.76	2.32	ppb

LB Number : LB136195 Operator : Jaswal
 Lab Sample ID : Q2289-01DLX5 Instrumnet Name : P7
 Client Sample ID : SP-1DL Dilution Factor : 5
 Date & Time Acquired : 2025-06-18 13:36:33 DataFile Name : 041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.97	0.96	0.95	0.96	0.96	ppb
Vanadium	51-2	31.75	32.12	31.83	31.90	0.61	ppb
Yttrium	89-1				112		%
Yttrium	89-2				118		%
Zinc	66-2	82.94	82.89	82.91	82.91	0.03	ppb
Zirconium	90-1	0.76	0.79	0.86	0.80	6.69	ppb
Zirconium	91-1	0.81	0.75	0.80	0.79	3.79	ppb

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : Q2289-02DLX5 Instrumnet Name : P7
Client Sample ID : SP-2DL Dilution Factor : 5
Date & Time Acquired : 2025-06-18 13:39:51 DataFile Name : 042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3104.33	3082.03	3091.68	3092.68	0.36	ppb
Antimony	121-1	0.15	0.14	0.15	0.15	5.62	ppb
Arsenic	75-2	0.98	0.98	1.03	0.99	2.91	ppb
Barium	135-1	21.26	21.20	22.32	21.59	2.92	ppb
Barium	137-1	21.80	21.37	21.57	21.58	1.00	ppb
Beryllium	9-1	0.19	0.22	0.12	0.18	27.34	ppb
Bismuth	209-1				111		%
Bismuth	209-2				120		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.37	0.45	0.25	0.36	27.40	ppb
Cadmium	106-1	-0.55	0.09	-0.82	-0.43		ppb
Cadmium	111-1	0.08	0.08	0.04	0.06	30.59	ppb
Calcium	43-1	1773.46	1704.84	1835.10	1771.13	3.68	ppb
Calcium	44-1	1778.00	1747.91	1792.36	1772.76	1.28	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5.08	5.19	5.13	5.13	1.11	ppb
Cobalt	59-2	2.54	2.38	2.55	2.49	3.90	ppb
Copper	63-2	12.75	12.72	12.48	12.65	1.17	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				109		%
Indium	115-1				113		%
Indium	115-2				107		%
Iron	56-2	4898.95	4932.95	4867.31	4899.74	0.67	ppb
Iron	57-2	4608.88	4589.53	4632.26	4610.22	0.46	ppb
Iron	54-2	4652.69	4653.77	4681.62	4662.69	0.35	ppb
Krypton	83-1						cps

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : Q2289-02DLX5 Instrumnet Name : P7
Client Sample ID : SP-2DL Dilution Factor : 5
Date & Time Acquired : 2025-06-18 13:39:51 DataFile Name : 042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	5.28	5.34	5.47	5.37	1.81	ppb
Lead	207-1	4.82	4.94	4.97	4.91	1.65	ppb
Lead	208-1	4.95	5.06	5.11	5.04	1.62	ppb
Lithium	6-1				97		%
Magnesium	24-2	1175.81	1168.14	1178.53	1174.16	0.46	ppb
Manganese	55-2	92.62	92.55	93.75	92.97	0.72	ppb
Molybdenum	94-1	0.98	1.05	0.96	0.99	4.80	ppb
Molybdenum	95-1	0.56	0.64	0.52	0.57	10.04	ppb
Molybdenum	96-1	0.62	0.65	0.66	0.64	3.71	ppb
Molybdenum	97-1	0.52	0.55	0.56	0.54	4.09	ppb
Molybdenum	98-1	0.54	0.55	0.55	0.55	0.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.35	5.23	5.21	5.26	1.40	ppb
Phosphorus	31-2	65.90	57.62	64.06	62.53	6.95	ppb
Potassium	39-2	1169.69	1159.31	1190.33	1173.11	1.35	ppb
Rhodium	103-1				111		%
Rhodium	103-2				120		%
Scandium	45-1				108		%
Scandium	45-2				107		%
Sdium	23-2	5874.75	5548.00	5810.76	5744.50	3.01	ppb
Selenium	82-1	-0.11	0.04	0.37	0.10	245.41	ppb
Selenium	77-2	-0.26	0.75	1.21	0.57	133.05	ppb
Selenium	78-2	-1.96	-1.56	-0.81	-1.44		ppb
Silicon	28-1	975.02	969.51	981.78	975.44	0.63	ppb
Silver	107-1	0.04	0.03	0.03	0.03	11.21	ppb
Silver	109-1	0.04	0.05	0.03	0.04	19.59	ppb
Strontium	86-1	5.92	5.98	5.74	5.88	2.08	ppb
Strontium	88-1	5.48	5.58	5.37	5.48	1.95	ppb
Sulfur	34-1	-2512.88	-2677.95	-2520.29	-2570.37		ppb
Terbium	159-1				113		%
Terbium	159-2				111		%
Thallium	203-1	0.14	0.13	0.11	0.13	11.18	ppb
Thallium	205-1	0.12	0.13	0.13	0.13	3.27	ppb
Tin	118-1	0.83	0.82	0.85	0.83	1.70	ppb
Titanium	47-1	250.57	243.88	249.88	248.11	1.48	ppb

LB Number : LB136195 Operator : Jaswal
 Lab Sample ID : Q2289-02DLX5 Instrumnet Name : P7
 Client Sample ID : SP-2DL Dilution Factor : 5
 Date & Time Acquired : 2025-06-18 13:39:51 DataFile Name : 042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.24	0.24	0.24	0.24	1.34	ppb
Vanadium	51-2	9.29	8.60	8.84	8.91	3.96	ppb
Yttrium	89-1				112		%
Yttrium	89-2				113		%
Zinc	66-2	33.74	34.11	34.83	34.22	1.62	ppb
Zirconium	90-1	0.26	0.26	0.29	0.27	7.06	ppb
Zirconium	91-1	0.29	0.31	0.28	0.29	4.79	ppb

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : Q2289-03DLX5 Instrumnet Name : P7
Client Sample ID : SP-3DL Dilution Factor : 5
Date & Time Acquired : 2025-06-18 13:43:08 DataFile Name : 043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18029.33	18784.49	17808.67	18207.50	2.81	ppb
Antimony	121-1	0.19	0.18	0.17	0.18	6.79	ppb
Arsenic	75-2	7.28	7.67	7.39	7.45	2.67	ppb
Barium	135-1	136.22	132.66	134.77	134.55	1.33	ppb
Barium	137-1	135.11	135.48	136.13	135.57	0.38	ppb
Beryllium	9-1	0.70	0.63	0.90	0.74	19.12	ppb
Bismuth	209-1				110		%
Bismuth	209-2				120		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.60	1.28	1.83	1.57	17.46	ppb
Cadmium	106-1	2.23	1.09	1.40	1.57	37.65	ppb
Cadmium	111-1	0.58	0.38	0.52	0.50	20.71	ppb
Calcium	43-1	9107.20	9020.23	8966.26	9031.23	0.79	ppb
Calcium	44-1	9237.82	9233.22	9341.61	9270.88	0.66	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	25.35	25.06	25.22	25.21	0.58	ppb
Cobalt	59-2	16.37	16.44	16.54	16.45	0.51	ppb
Copper	63-2	76.80	77.22	78.39	77.47	1.06	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				109		%
Indium	115-1				112		%
Indium	115-2				107		%
Iron	56-2	31418.91	31529.73	31382.54	31443.73	0.24	ppb
Iron	57-2	31280.05	30772.70	31429.54	31160.77	1.10	ppb
Iron	54-2	31695.52	31622.74	32094.12	31804.12	0.80	ppb
Krypton	83-1						cps

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : Q2289-03DLX5 Instrumnet Name : P7
Client Sample ID : SP-3DL Dilution Factor : 5
Date & Time Acquired : 2025-06-18 13:43:08 DataFile Name : 043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	17.16	17.92	18.27	17.78	3.19	ppb
Lead	207-1	16.06	16.84	17.54	16.81	4.40	ppb
Lead	208-1	16.73	17.15	17.65	17.18	2.66	ppb
Lithium	6-1				99		%
Magnesium	24-2	9937.93	9849.81	10079.26	9955.67	1.16	ppb
Manganese	55-2	560.51	558.64	560.43	559.86	0.19	ppb
Molybdenum	94-1	4.21	4.36	4.50	4.36	3.30	ppb
Molybdenum	95-1	1.19	1.21	1.20	1.20	0.87	ppb
Molybdenum	96-1	2.05	2.15	2.07	2.09	2.54	ppb
Molybdenum	97-1	1.35	1.21	1.27	1.28	5.44	ppb
Molybdenum	98-1	1.25	1.22	1.22	1.23	1.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	26.96	25.79	26.79	26.51	2.38	ppb
Phosphorus	31-2	469.97	435.89	490.49	465.45	5.93	ppb
Potassium	39-2	6235.17	6107.15	6258.15	6200.16	1.31	ppb
Rhodium	103-1				110		%
Rhodium	103-2				117		%
Scandium	45-1				112		%
Scandium	45-2				109		%
Sdium	23-2	14711.45	14603.90	14374.80	14563.38	1.18	ppb
Selenium	82-1	-0.40	-0.20	0.72	0.04	1464.74	ppb
Selenium	77-2	4.31	2.71	3.43	3.48	22.99	ppb
Selenium	78-2	-3.16	-1.34	-3.50	-2.67		ppb
Silicon	28-1	3089.06	3139.82	3236.97	3155.28	2.38	ppb
Silver	107-1	0.13	0.13	0.12	0.13	5.86	ppb
Silver	109-1	0.13	0.13	0.13	0.13	2.27	ppb
Strontium	86-1	26.91	27.38	27.24	27.18	0.88	ppb
Strontium	88-1	24.96	25.13	24.68	24.92	0.91	ppb
Sulfur	34-1	-2667.19	-2578.10	-2619.97	-2621.75		ppb
Terbium	159-1				112		%
Terbium	159-2				110		%
Thallium	203-1	0.39	0.42	0.46	0.42	8.94	ppb
Thallium	205-1	0.43	0.40	0.43	0.42	3.97	ppb
Tin	118-1	0.54	0.49	0.56	0.53	6.44	ppb
Titanium	47-1	1516.56	1516.90	1552.51	1528.66	1.35	ppb

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : Q2289-03DLX5 Instrumnet Name : P7
Client Sample ID : SP-3DL Dilution Factor : 5
Date & Time Acquired : 2025-06-18 13:43:08 DataFile Name : 043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.29	1.41	1.44	1.38	5.88	ppb
Vanadium	51-2	58.38	57.83	58.34	58.19	0.53	ppb
Yttrium	89-1				115		%
Yttrium	89-2				120		%
Zinc	66-2	190.35	191.79	192.46	191.53	0.56	ppb
Zirconium	90-1	1.70	1.77	1.76	1.74	2.30	ppb
Zirconium	91-1	1.80	1.80	1.83	1.81	1.01	ppb

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : CCV3 Instrumnet Name : P7
Client Sample ID : CCV3 Dilution Factor : 1
Date & Time Acquired : 2025-06-18 13:49:44 DataFile Name : 044CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50919.40	50559.40	50174.24	50551.01	0.74	ppb
Antimony	121-1	521.77	531.73	533.57	529.03	1.20	ppb
Arsenic	75-2	512.29	501.37	505.13	506.26	1.10	ppb
Barium	135-1	2655.64	2651.31	2716.95	2674.63	1.37	ppb
Barium	137-1	2640.38	2637.36	2654.10	2643.95	0.34	ppb
Beryllium	9-1	519.57	524.30	519.23	521.03	0.54	ppb
Bismuth	209-1				101		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	506.74	511.42	505.27	507.81	0.63	ppb
Cadmium	106-1	510.87	512.53	510.05	511.15	0.25	ppb
Cadmium	111-1	506.99	504.36	507.13	506.16	0.31	ppb
Calcium	43-1	269574.55	256783.56	269710.54	265356.22	2.80	ppb
Calcium	44-1	266085.65	263476.96	262326.07	263962.89	0.73	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	493.22	489.68	478.77	487.22	1.55	ppb
Cobalt	59-2	490.52	487.22	474.64	484.13	1.73	ppb
Copper	63-2	5115.25	5214.16	4978.29	5102.57	2.32	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				104		%
Indium	115-1				103		%
Indium	115-2				98		%
Iron	56-2	134254.62	131972.25	131598.89	132608.59	1.08	ppb
Iron	57-2	134540.87	135316.40	131925.17	133927.48	1.33	ppb
Iron	54-2	134327.22	133053.65	129758.28	132379.71	1.78	ppb
Krypton	83-1						cps

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : CCV3 Instrumnet Name : P7
Client Sample ID : CCV3 Dilution Factor : 1
Date & Time Acquired : 2025-06-18 13:49:44 DataFile Name : 044CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2680.83	2607.90	2637.21	2641.98	1.39	ppb
Lead	207-1	2640.29	2613.78	2616.07	2623.38	0.56	ppb
Lead	208-1	2655.95	2625.15	2612.79	2631.30	0.84	ppb
Lithium	6-1				94		%
Magnesium	24-2	258237.15	253690.04	254018.17	255315.12	0.99	ppb
Manganese	55-2	5192.74	5104.20	5055.21	5117.38	1.36	ppb
Molybdenum	94-1	5056.34	5134.72	5240.03	5143.70	1.79	ppb
Molybdenum	95-1	5034.70	5107.78	5198.86	5113.78	1.61	ppb
Molybdenum	96-1	4971.20	5089.31	5154.32	5071.61	1.83	ppb
Molybdenum	97-1	5085.81	5136.49	5320.23	5180.84	2.38	ppb
Molybdenum	98-1	5112.88	5108.63	5210.04	5143.85	1.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	514.90	515.57	499.85	510.11	1.74	ppb
Phosphorus	31-2	10048.54	10230.61	9998.86	10092.67	1.21	ppb
Potassium	39-2	129624.48	130638.74	126631.55	128964.93	1.62	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				104		%
Scandium	45-2				104		%
Sdium	23-2	257217.95	259287.41	252146.49	256217.28	1.43	ppb
Selenium	82-1	472.79	476.12	481.44	476.78	0.92	ppb
Selenium	77-2	483.55	508.52	505.42	499.16	2.73	ppb
Selenium	78-2	482.00	499.31	487.97	489.76	1.80	ppb
Silicon	28-1	423.09	416.22	429.09	422.80	1.52	ppb
Silver	107-1	545.42	534.41	536.80	538.87	1.07	ppb
Silver	109-1	550.32	545.15	542.01	545.83	0.77	ppb
Strontium	86-1	498.83	509.81	514.17	507.60	1.56	ppb
Strontium	88-1	507.76	516.57	519.10	514.48	1.16	ppb
Sulfur	34-1	9523.53	9612.90	9502.21	9546.21	0.62	ppb
Terbium	159-1				107		%
Terbium	159-2				106		%
Thallium	203-1	548.00	521.22	527.17	532.13	2.64	ppb
Thallium	205-1	542.60	540.82	518.84	534.09	2.48	ppb
Tin	118-1	527.52	529.95	527.57	528.34	0.26	ppb
Titanium	47-1	5283.56	5236.59	5178.66	5232.94	1.00	ppb

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : CCV3 Instrumnet Name : P7
Client Sample ID : CCV3 Dilution Factor : 1
Date & Time Acquired : 2025-06-18 13:49:44 DataFile Name : 044CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	537.28	521.42	519.32	526.00	1.87	ppb
Vanadium	51-2	500.46	497.44	488.60	495.50	1.24	ppb
Yttrium	89-1				106		%
Yttrium	89-2				103		%
Zinc	66-2	4938.94	5137.67	4789.67	4955.43	3.52	ppb
Zirconium	90-1	504.63	519.00	525.45	516.36	2.06	ppb
Zirconium	91-1	466.35	478.53	484.79	476.56	1.97	ppb

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : CCB3 Instrumnet Name : P7
Client Sample ID : CCB3 Dilution Factor : 1
Date & Time Acquired : 2025-06-18 13:52:39 DataFile Name : 045CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.75	0.49	1.19	0.81	44.19	ppb
Antimony	121-1	0.10	0.10	0.11	0.10	3.26	ppb
Arsenic	75-2	-0.04	0.02	-0.01	-0.01		ppb
Barium	135-1	0.02	0.04	0.04	0.03	33.79	ppb
Barium	137-1	0.06	0.03	0.04	0.04	39.50	ppb
Beryllium	9-1	0.04	0.06	0.02	0.04	49.78	ppb
Bismuth	209-1				107		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.01	0.06	0.01	0.03	96.60	ppb
Cadmium	106-1	-0.34	0.14	-2.17	-0.79		ppb
Cadmium	111-1	0.01	0.03	-0.14	-0.03		ppb
Calcium	43-1	-15.66	-11.77	-8.60	-12.01		ppb
Calcium	44-1	-6.49	-7.27	-5.72	-6.49		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.10	0.11	0.17	0.13	27.62	ppb
Cobalt	59-2	0.00	0.01	-0.01	0.00	14498.44	ppb
Copper	63-2	0.16	0.18	0.20	0.18	12.81	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				104		%
Indium	115-1				108		%
Indium	115-2				102		%
Iron	56-2	1.87	1.62	1.74	1.74	7.01	ppb
Iron	57-2	0.71	0.80	1.45	0.99	41.17	ppb
Iron	54-2	1.57	1.38	3.49	2.15	54.45	ppb
Krypton	83-1						cps

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : CCB3 Instrumnet Name : P7
Client Sample ID : CCB3 Dilution Factor : 1
Date & Time Acquired : 2025-06-18 13:52:39 DataFile Name : 045CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.08	0.06	0.08	0.07	12.51	ppb
Lead	207-1	0.09	0.07	0.08	0.08	14.37	ppb
Lead	208-1	0.07	0.06	0.07	0.07	6.85	ppb
Lithium	6-1				98		%
Magnesium	24-2	3.42	3.11	2.82	3.12	9.69	ppb
Manganese	55-2	-0.09	-0.12	-0.03	-0.08		ppb
Molybdenum	94-1	0.12	0.13	0.17	0.14	19.09	ppb
Molybdenum	95-1	0.17	0.12	0.14	0.14	17.68	ppb
Molybdenum	96-1	0.14	0.13	0.16	0.14	8.17	ppb
Molybdenum	97-1	0.16	0.12	0.11	0.13	20.49	ppb
Molybdenum	98-1	0.16	0.13	0.12	0.14	14.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.02	0.01	0.01	205.27	ppb
Phosphorus	31-2	-33.97	-55.30	-48.00	-45.76		ppb
Potassium	39-2	-5.94	1.55	6.36	0.66	941.42	ppb
Rhodium	103-1				105		%
Rhodium	103-2				109		%
Scandium	45-1				105		%
Scandium	45-2				102		%
Sdium	23-2	17.68	18.10	15.24	17.01	9.08	ppb
Selenium	82-1	0.17	-0.19	-0.45	-0.16		ppb
Selenium	77-2	-0.26	-0.26	-0.26	-0.26		ppb
Selenium	78-2	-0.51	-0.36	-0.97	-0.62		ppb
Silicon	28-1	-12.01	-12.98	-13.60	-12.86		ppb
Silver	107-1	0.04	0.03	0.04	0.04	11.25	ppb
Silver	109-1	0.04	0.02	0.03	0.03	25.28	ppb
Strontium	86-1	0.02	0.00	-0.04	-0.01		ppb
Strontium	88-1	0.01	0.00	0.00	0.00	20.34	ppb
Sulfur	34-1	-1862.00	-1958.58	-1862.68	-1894.42		ppb
Terbium	159-1				108		%
Terbium	159-2				107		%
Thallium	203-1	0.08	0.07	0.08	0.08	6.55	ppb
Thallium	205-1	0.07	0.08	0.08	0.08	11.54	ppb
Tin	118-1	0.04	0.04	0.01	0.03	47.73	ppb
Titanium	47-1	0.02	0.01	0.12	0.05	119.47	ppb

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : CCB3 Instrumnet Name : P7
Client Sample ID : CCB3 Dilution Factor : 1
Date & Time Acquired : 2025-06-18 13:52:39 DataFile Name : 045CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.01	0.01	0.00	0.01	26.98	ppb
Vanadium	51-2	0.00	0.01	0.00	0.00	155.93	ppb
Yttrium	89-1				106		%
Yttrium	89-2				103		%
Zinc	66-2	0.10	0.04	-0.04	0.03	210.85	ppb
Zirconium	90-1	0.03	0.03	0.04	0.03	24.77	ppb
Zirconium	91-1	0.03	0.05	0.05	0.04	21.54	ppb

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : Q2289-02DUPDLX5 Instrumnet Name : P7
Client Sample ID : SP-2DUPDL Dilution Factor : 5
Date & Time Acquired : 2025-06-18 13:58:03 DataFile Name : 046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2940.86	2968.30	2976.98	2962.05	0.64	ppb
Antimony	121-1	0.17	0.15	0.14	0.15	12.18	ppb
Arsenic	75-2	1.07	0.90	0.89	0.95	10.45	ppb
Barium	135-1	20.12	20.33	20.29	20.25	0.54	ppb
Barium	137-1	20.65	20.76	20.58	20.66	0.43	ppb
Beryllium	9-1	0.14	0.15	0.14	0.14	5.15	ppb
Bismuth	209-1				113		%
Bismuth	209-2				119		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.25	0.33	0.49	0.35	34.26	ppb
Cadmium	106-1	-1.63	-0.29	-1.86	-1.26		ppb
Cadmium	111-1	-0.06	0.07	-0.08	-0.02		ppb
Calcium	43-1	1674.63	1705.46	1701.32	1693.80	0.99	ppb
Calcium	44-1	1685.83	1682.54	1678.16	1682.18	0.23	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.85	5.12	5.09	5.02	3.04	ppb
Cobalt	59-2	2.30	2.35	2.34	2.33	1.10	ppb
Copper	63-2	11.75	11.71	11.53	11.66	1.00	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				110		%
Indium	115-1				113		%
Indium	115-2				107		%
Iron	56-2	4542.65	4630.31	4661.60	4611.52	1.34	ppb
Iron	57-2	4370.79	4402.54	4427.67	4400.33	0.65	ppb
Iron	54-2	4344.00	4467.56	4420.28	4410.61	1.41	ppb
Krypton	83-1						cps

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : Q2289-02DUPDLX5 Instrumnet Name : P7
Client Sample ID : SP-2DUPDL Dilution Factor : 5
Date & Time Acquired : 2025-06-18 13:58:03 DataFile Name : 046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	5.50	5.49	5.38	5.45	1.21	ppb
Lead	207-1	4.97	5.06	4.99	5.01	0.95	ppb
Lead	208-1	5.13	5.17	5.06	5.12	1.14	ppb
Lithium	6-1				100		%
Magnesium	24-2	1118.31	1119.88	1126.12	1121.44	0.37	ppb
Manganese	55-2	87.61	90.05	89.34	89.00	1.41	ppb
Molybdenum	94-1	0.98	0.95	0.90	0.94	3.91	ppb
Molybdenum	95-1	0.51	0.52	0.54	0.52	2.70	ppb
Molybdenum	96-1	0.65	0.70	0.67	0.67	3.90	ppb
Molybdenum	97-1	0.52	0.48	0.56	0.52	7.46	ppb
Molybdenum	98-1	0.52	0.54	0.51	0.52	3.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.47	4.48	4.25	4.40	2.92	ppb
Phosphorus	31-2	49.50	63.71	66.00	59.73	14.97	ppb
Potassium	39-2	1094.56	1116.55	1120.89	1110.67	1.27	ppb
Rhodium	103-1				110		%
Rhodium	103-2				118		%
Scandium	45-1				108		%
Scandium	45-2				107		%
Sdium	23-2	5559.10	5610.14	5455.44	5541.56	1.42	ppb
Selenium	82-1	-0.37	0.52	0.07	0.07	614.27	ppb
Selenium	77-2	-0.26	0.42	0.77	0.31	170.47	ppb
Selenium	78-2	-2.02	-3.88	-3.41	-3.10		ppb
Silicon	28-1	965.60	952.21	978.69	965.50	1.37	ppb
Silver	107-1	0.03	0.03	0.03	0.03	12.82	ppb
Silver	109-1	0.03	0.03	0.04	0.03	13.28	ppb
Strontium	86-1	5.88	5.80	5.54	5.74	3.16	ppb
Strontium	88-1	5.23	5.24	5.22	5.23	0.18	ppb
Sulfur	34-1	-1181.33	-1302.86	-1499.05	-1327.74		ppb
Terbium	159-1				114		%
Terbium	159-2				111		%
Thallium	203-1	0.09	0.10	0.11	0.10	11.78	ppb
Thallium	205-1	0.11	0.11	0.10	0.10	7.43	ppb
Tin	118-1	0.26	0.29	0.25	0.27	7.56	ppb
Titanium	47-1	239.30	239.93	241.89	240.37	0.56	ppb

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : Q2289-02DUPDLX5 Instrumnet Name : P7
Client Sample ID : SP-2DUPDL Dilution Factor : 5
Date & Time Acquired : 2025-06-18 13:58:03 DataFile Name : 046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.24	0.23	0.22	0.23	3.36	ppb
Vanadium	51-2	8.19	8.55	8.65	8.46	2.87	ppb
Yttrium	89-1				111		%
Yttrium	89-2				114		%
Zinc	66-2	31.50	32.70	32.52	32.24	2.01	ppb
Zirconium	90-1	0.22	0.23	0.24	0.23	4.73	ppb
Zirconium	91-1	0.31	0.25	0.27	0.28	11.81	ppb

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : Q2289-02LDLX25 Instrumnet Name : P7
Client Sample ID : SP-2LDL Dilution Factor : 25
Date & Time Acquired : 2025-06-18 14:01:19 DataFile Name : 047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	658.33	661.31	656.46	658.70	0.37	ppb
Antimony	121-1	0.05	0.04	0.03	0.04	23.56	ppb
Arsenic	75-2	0.14	0.17	0.25	0.19	30.62	ppb
Barium	135-1	4.45	4.72	4.48	4.55	3.21	ppb
Barium	137-1	4.57	4.67	4.70	4.65	1.54	ppb
Beryllium	9-1	0.05	0.07	0.04	0.06	31.36	ppb
Bismuth	209-1				108		%
Bismuth	209-2				111		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.09	0.05	0.05	0.07	35.57	ppb
Cadmium	106-1	-0.86	-0.36	-1.26	-0.83		ppb
Cadmium	111-1	-0.03	0.02	-0.05	-0.02		ppb
Calcium	43-1	372.62	389.91	367.20	376.58	3.15	ppb
Calcium	44-1	373.59	407.41	374.08	385.02	5.03	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.25	1.21	1.13	1.19	4.83	ppb
Cobalt	59-2	0.52	0.52	0.53	0.52	1.61	ppb
Copper	63-2	2.63	2.69	2.60	2.64	1.75	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				105		%
Indium	115-1				108		%
Indium	115-2				105		%
Iron	56-2	1033.46	1047.16	1040.00	1040.21	0.66	ppb
Iron	57-2	981.31	984.59	962.98	976.29	1.19	ppb
Iron	54-2	990.39	997.02	974.77	987.39	1.16	ppb
Krypton	83-1						cps

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : Q2289-02LDLX25 Instrumnet Name : P7
Client Sample ID : SP-2LDL Dilution Factor : 25
Date & Time Acquired : 2025-06-18 14:01:19 DataFile Name : 047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.19	1.19	1.22	1.20	1.41	ppb
Lead	207-1	1.08	1.06	1.10	1.08	2.03	ppb
Lead	208-1	1.12	1.08	1.15	1.12	2.97	ppb
Lithium	6-1				95		%
Magnesium	24-2	253.93	255.04	255.60	254.86	0.33	ppb
Manganese	55-2	19.51	19.97	19.37	19.62	1.61	ppb
Molybdenum	94-1	0.21	0.21	0.23	0.21	6.17	ppb
Molybdenum	95-1	0.11	0.13	0.15	0.13	16.38	ppb
Molybdenum	96-1	0.16	0.15	0.15	0.15	1.86	ppb
Molybdenum	97-1	0.11	0.14	0.13	0.12	13.23	ppb
Molybdenum	98-1	0.13	0.13	0.12	0.13	1.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.83	0.85	1.02	0.90	11.72	ppb
Phosphorus	31-2	-23.81	-15.37	-33.25	-24.14		ppb
Potassium	39-2	244.61	252.57	244.26	247.14	1.90	ppb
Rhodium	103-1				106		%
Rhodium	103-2				117		%
Scandium	45-1				103		%
Scandium	45-2				104		%
Sdium	23-2	1096.41	1121.35	1083.67	1100.48	1.74	ppb
Selenium	82-1	0.78	-0.12	0.28	0.31	144.77	ppb
Selenium	77-2	0.12	-0.26	-0.26	-0.14		ppb
Selenium	78-2	-0.92	-0.88	-3.85	-1.89		ppb
Silicon	28-1	232.65	245.22	276.06	251.31	8.89	ppb
Silver	107-1	0.01	0.01	0.01	0.01	40.70	ppb
Silver	109-1	0.01	0.01	0.01	0.01	34.22	ppb
Strontium	86-1	1.32	1.27	1.27	1.29	2.17	ppb
Strontium	88-1	1.16	1.18	1.14	1.16	1.53	ppb
Sulfur	34-1	-2497.50	-2334.93	-2488.02	-2440.15		ppb
Terbium	159-1				109		%
Terbium	159-2				108		%
Thallium	203-1	0.06	0.06	0.05	0.06	4.11	ppb
Thallium	205-1	0.05	0.05	0.06	0.05	7.26	ppb
Tin	118-1	0.23	0.24	0.22	0.23	4.85	ppb
Titanium	47-1	53.79	56.26	53.65	54.57	2.69	ppb

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : Q2289-02LDLX25 Instrumnet Name : P7
Client Sample ID : SP-2LDL Dilution Factor : 25
Date & Time Acquired : 2025-06-18 14:01:19 DataFile Name : 047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.06	0.05	0.05	0.05	11.13	ppb
Vanadium	51-2	1.78	1.78	1.90	1.82	3.79	ppb
Yttrium	89-1				107		%
Yttrium	89-2				108		%
Zinc	66-2	7.46	6.97	7.02	7.15	3.75	ppb
Zirconium	90-1	0.09	0.05	0.05	0.06	33.21	ppb
Zirconium	91-1	0.08	0.09	0.06	0.08	17.26	ppb

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : Q2289-02MSDLX5 Instrumnet Name : P7
Client Sample ID : SP-2MSDL Dilution Factor : 5
Date & Time Acquired : 2025-06-18 14:04:39 DataFile Name : 048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4510.11	4448.90	4640.27	4533.10	2.16	ppb
Antimony	121-1	98.39	96.43	98.70	97.84	1.26	ppb
Arsenic	75-2	1.15	0.97	0.78	0.97	19.04	ppb
Barium	135-1	437.18	431.84	439.20	436.07	0.87	ppb
Barium	137-1	444.12	436.39	444.93	441.81	1.07	ppb
Beryllium	9-1	105.93	106.52	103.80	105.42	1.36	ppb
Bismuth	209-1				113		%
Bismuth	209-2				118		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	105.04	102.42	104.75	104.07	1.38	ppb
Cadmium	106-1	108.97	105.83	106.10	106.97	1.63	ppb
Cadmium	111-1	106.81	106.77	108.41	107.33	0.87	ppb
Calcium	43-1	11435.92	11508.98	11640.30	11528.40	0.90	ppb
Calcium	44-1	11966.04	11849.73	12011.79	11942.52	0.70	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	102.01	102.27	104.32	102.87	1.23	ppb
Cobalt	59-2	103.09	104.14	104.57	103.93	0.73	ppb
Copper	63-2	1092.61	1072.71	1081.78	1082.37	0.92	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				108		%
Indium	115-1				111		%
Indium	115-2				106		%
Iron	56-2	8868.37	9108.45	9179.60	9052.14	1.80	ppb
Iron	57-2	8613.51	8600.50	8705.27	8639.76	0.66	ppb
Iron	54-2	8693.77	8627.12	8859.91	8726.93	1.37	ppb
Krypton	83-1						cps

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : Q2289-02MSDLX5 Instrumnet Name : P7
Client Sample ID : SP-2MSDL Dilution Factor : 5
Date & Time Acquired : 2025-06-18 14:04:39 DataFile Name : 048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	433.19	488.06	490.63	470.63	6.89	ppb
Lead	207-1	426.65	426.94	429.16	427.58	0.32	ppb
Lead	208-1	460.95	478.98	475.22	471.72	2.02	ppb
Lithium	6-1				100		%
Magnesium	24-2	11586.11	11071.38	11541.32	11399.60	2.50	ppb
Manganese	55-2	1120.83	1113.58	1113.90	1116.10	0.37	ppb
Molybdenum	94-1	439.55	439.84	436.34	438.58	0.44	ppb
Molybdenum	95-1	324.27	328.39	327.85	326.84	0.68	ppb
Molybdenum	96-1	339.51	343.07	338.73	340.44	0.68	ppb
Molybdenum	97-1	327.93	332.29	334.14	331.45	0.96	ppb
Molybdenum	98-1	329.60	329.23	329.96	329.60	0.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	111.52	110.89	113.72	112.04	1.33	ppb
Phosphorus	31-2	64.37	63.94	60.38	62.90	3.49	ppb
Potassium	39-2	5588.84	5467.08	5512.15	5522.69	1.11	ppb
Rhodium	103-1				109		%
Rhodium	103-2				117		%
Scandium	45-1				109		%
Scandium	45-2				106		%
Sdium	23-2	15341.32	15429.11	15954.14	15574.86	2.13	ppb
Selenium	82-1	103.53	105.17	104.42	104.37	0.79	ppb
Selenium	77-2	98.22	102.40	97.73	99.45	2.58	ppb
Selenium	78-2	90.36	99.30	95.27	94.98	4.72	ppb
Silicon	28-1	933.36	928.32	944.75	935.48	0.90	ppb
Silver	107-1	17.12	17.00	17.49	17.20	1.49	ppb
Silver	109-1	16.85	16.67	17.16	16.89	1.45	ppb
Strontium	86-1	122.84	123.14	123.20	123.06	0.15	ppb
Strontium	88-1	121.12	122.29	125.63	123.02	1.90	ppb
Sulfur	34-1	-1761.24	-1593.36	-1666.64	-1673.74		ppb
Terbium	159-1				112		%
Terbium	159-2				113		%
Thallium	203-1	89.04	88.62	88.53	88.73	0.31	ppb
Thallium	205-1	86.98	87.02	86.84	86.95	0.11	ppb
Tin	118-1	85.42	84.31	85.73	85.15	0.88	ppb
Titanium	47-1	234.87	238.32	240.87	238.02	1.27	ppb

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : Q2289-02MSDLX5 Instrumnet Name : P7
Client Sample ID : SP-2MSDL Dilution Factor : 5
Date & Time Acquired : 2025-06-18 14:04:39 DataFile Name : 048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	83.90	84.77	84.18	84.28	0.53	ppb
Vanadium	51-2	108.16	107.34	110.91	108.81	1.72	ppb
Yttrium	89-1				112		%
Yttrium	89-2				116		%
Zinc	66-2	1046.49	1053.70	1059.93	1053.37	0.64	ppb
Zirconium	90-1	89.79	90.70	90.60	90.36	0.55	ppb
Zirconium	91-1	90.76	92.76	91.32	91.61	1.13	ppb

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : Q2289-02MSDDLX5 Instrumnet Name : P7
Client Sample ID : SP-2MSDDL Dilution Factor : 5
Date & Time Acquired : 2025-06-18 14:07:51 DataFile Name : 049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4281.81	4344.82	4243.44	4290.02	1.19	ppb
Antimony	121-1	90.62	91.61	92.72	91.65	1.15	ppb
Arsenic	75-2	0.71	0.76	1.09	0.86	24.29	ppb
Barium	135-1	405.45	409.17	412.09	408.91	0.81	ppb
Barium	137-1	409.89	410.62	414.16	411.55	0.56	ppb
Beryllium	9-1	98.50	97.88	99.16	98.51	0.65	ppb
Bismuth	209-1				114		%
Bismuth	209-2				124		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	98.44	98.11	99.40	98.65	0.68	ppb
Cadmium	106-1	96.77	98.47	98.51	97.92	1.01	ppb
Cadmium	111-1	99.12	100.33	100.42	99.96	0.73	ppb
Calcium	43-1	10731.12	10779.08	10791.10	10767.10	0.29	ppb
Calcium	44-1	11284.61	10955.24	11371.17	11203.67	1.96	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	93.84	97.27	94.95	95.35	1.84	ppb
Cobalt	59-2	96.98	98.60	95.65	97.08	1.52	ppb
Copper	63-2	1017.12	1041.68	1010.30	1023.04	1.61	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				109		%
Indium	115-1				112		%
Indium	115-2				106		%
Iron	56-2	8551.16	8727.75	8384.84	8554.58	2.00	ppb
Iron	57-2	8071.96	8243.71	8049.31	8121.66	1.31	ppb
Iron	54-2	8128.74	8310.82	8089.90	8176.49	1.44	ppb
Krypton	83-1						cps

LB Number : LB136195 Operator : Jaswal

Lab Sample ID : Q2289-02MSDDLX5 Instrumnet Name : P7

Client Sample ID : SP-2MSDDL Dilution Factor : 5

Date & Time Acquired : 2025-06-18 14:07:51 DataFile Name : 049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	402.42	410.92	405.73	406.36	1.05	ppb
Lead	207-1	392.36	404.36	405.69	400.81	1.83	ppb
Lead	208-1	427.62	443.15	434.77	435.18	1.79	ppb
Lithium	6-1				100		%
Magnesium	24-2	10351.81	10781.76	10106.88	10413.48	3.28	ppb
Manganese	55-2	1019.84	1096.24	1032.73	1049.60	3.90	ppb
Molybdenum	94-1	419.58	429.02	420.63	423.08	1.22	ppb
Molybdenum	95-1	311.98	319.41	313.54	314.98	1.24	ppb
Molybdenum	96-1	326.37	331.18	327.52	328.36	0.77	ppb
Molybdenum	97-1	316.97	324.74	318.73	320.15	1.27	ppb
Molybdenum	98-1	312.94	321.39	314.47	316.27	1.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	127.31	127.74	127.29	127.45	0.20	ppb
Phosphorus	31-2	60.91	65.30	51.83	59.35	11.57	ppb
Potassium	39-2	5134.05	5313.44	5202.66	5216.72	1.74	ppb
Rhodium	103-1				109		%
Rhodium	103-2				117		%
Scandium	45-1				108		%
Scandium	45-2				106		%
Sdium	23-2	14485.42	14593.83	14334.92	14471.39	0.90	ppb
Selenium	82-1	100.00	105.51	99.18	101.56	3.39	ppb
Selenium	77-2	95.35	82.79	94.30	90.81	7.67	ppb
Selenium	78-2	85.10	90.10	96.56	90.59	6.35	ppb
Silicon	28-1	931.42	894.30	912.13	912.62	2.03	ppb
Silver	107-1	15.86	16.05	16.33	16.08	1.47	ppb
Silver	109-1	15.78	15.86	16.30	15.98	1.74	ppb
Strontium	86-1	117.18	119.85	118.57	118.54	1.13	ppb
Strontium	88-1	117.14	119.00	116.56	117.56	1.08	ppb
Sulfur	34-1	-1791.26	-1779.27	-1724.47	-1765.00		ppb
Terbium	159-1				114		%
Terbium	159-2				111		%
Thallium	203-1	82.50	84.94	85.03	84.16	1.70	ppb
Thallium	205-1	81.70	83.41	83.53	82.88	1.23	ppb
Tin	118-1	78.08	79.21	80.55	79.28	1.56	ppb
Titanium	47-1	223.85	229.00	227.41	226.75	1.16	ppb

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : Q2289-02MSDDLX5 Instrumnet Name : P7
Client Sample ID : SP-2MSDDL Dilution Factor : 5
Date & Time Acquired : 2025-06-18 14:07:51 DataFile Name : 049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	79.06	80.74	80.53	80.11	1.14	ppb
Vanadium	51-2	100.69	105.70	100.82	102.40	2.79	ppb
Yttrium	89-1				110		%
Yttrium	89-2				114		%
Zinc	66-2	954.76	977.78	966.41	966.31	1.19	ppb
Zirconium	90-1	86.69	88.80	86.85	87.45	1.34	ppb
Zirconium	91-1	87.90	90.78	88.87	89.18	1.65	ppb

LB Number :
LB136195

Operator :
Jaswal

Lab Sample ID :
Q2289-02ADLX5

Instrumnet Name :
P7

Client Sample ID :
SP-2ADL

Dilution Factor :
5

Date & Time Acquired :
2025-06-18 14:11:05

DataFile Name :
050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4364.83	4336.73	4400.64	4367.40	0.73	ppb
Antimony	121-1	88.88	90.72	91.48	90.36	1.48	ppb
Arsenic	75-2	1.01	1.06	0.76	0.94	17.19	ppb
Barium	135-1	406.22	415.12	418.39	413.24	1.52	ppb
Barium	137-1	414.28	421.69	421.98	419.32	1.04	ppb
Beryllium	9-1	96.63	99.82	98.43	98.30	1.63	ppb
Bismuth	209-1				112		%
Bismuth	209-2				111		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	95.49	95.98	100.74	97.40	2.98	ppb
Cadmium	106-1	97.80	99.45	99.93	99.06	1.13	ppb
Cadmium	111-1	97.94	98.55	100.36	98.95	1.27	ppb
Calcium	43-1	10765.80	10812.87	11018.00	10865.56	1.23	ppb
Calcium	44-1	11355.49	11328.31	11453.61	11379.14	0.58	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	95.72	94.86	94.80	95.13	0.55	ppb
Cobalt	59-2	98.41	96.73	96.51	97.21	1.07	ppb
Copper	63-2	1014.47	997.88	998.96	1003.77	0.92	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				108		%
Indium	115-1				110		%
Indium	115-2				105		%
Iron	56-2	8791.33	8495.82	8755.44	8680.87	1.86	ppb
Iron	57-2	8392.39	8261.92	8230.91	8295.07	1.03	ppb
Iron	54-2	8445.12	8351.45	8328.95	8375.17	0.74	ppb
Krypton	83-1						cps

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : Q2289-02ADLX5 Instrumnet Name : P7
Client Sample ID : SP-2ADL Dilution Factor : 5
Date & Time Acquired : 2025-06-18 14:11:05 DataFile Name : 050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	412.72	412.96	412.51	412.73	0.05	ppb
Lead	207-1	405.05	403.48	408.15	405.56	0.59	ppb
Lead	208-1	447.85	439.66	441.28	442.93	0.98	ppb
Lithium	6-1				100		%
Magnesium	24-2	10542.75	10713.77	10610.14	10622.22	0.81	ppb
Manganese	55-2	1055.76	1052.43	1048.18	1052.12	0.36	ppb
Molybdenum	94-1	414.19	418.45	414.25	415.63	0.59	ppb
Molybdenum	95-1	314.64	313.00	313.78	313.80	0.26	ppb
Molybdenum	96-1	326.45	322.68	324.03	324.39	0.59	ppb
Molybdenum	97-1	316.65	318.88	315.29	316.94	0.57	ppb
Molybdenum	98-1	313.29	317.75	312.87	314.64	0.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	102.58	102.65	102.50	102.58	0.07	ppb
Phosphorus	31-2	44.24	51.36	62.41	52.67	17.38	ppb
Potassium	39-2	5324.04	5176.18	5315.04	5271.76	1.57	ppb
Rhodium	103-1				109		%
Rhodium	103-2				116		%
Scandium	45-1				107		%
Scandium	45-2				105		%
Sdium	23-2	14652.81	14977.72	14666.78	14765.77	1.24	ppb
Selenium	82-1	98.56	95.39	97.38	97.11	1.65	ppb
Selenium	77-2	100.12	91.75	108.36	100.08	8.30	ppb
Selenium	78-2	93.18	98.88	100.44	97.50	3.92	ppb
Silicon	28-1	903.62	943.27	945.11	930.66	2.52	ppb
Silver	107-1	15.58	16.15	16.25	15.99	2.27	ppb
Silver	109-1	15.63	15.64	15.77	15.68	0.48	ppb
Strontium	86-1	114.26	113.66	114.16	114.03	0.28	ppb
Strontium	88-1	114.60	115.13	114.66	114.80	0.25	ppb
Sulfur	34-1	-1786.12	-1805.90	-1640.09	-1744.04		ppb
Terbium	159-1				113		%
Terbium	159-2				110		%
Thallium	203-1	83.24	82.65	83.05	82.98	0.36	ppb
Thallium	205-1	81.75	81.97	81.84	81.86	0.13	ppb
Tin	118-1	79.75	81.31	81.12	80.73	1.06	ppb
Titanium	47-1	228.66	229.07	232.55	230.10	0.93	ppb

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : Q2289-02ADLX5 Instrumnet Name : P7
Client Sample ID : SP-2ADL Dilution Factor : 5
Date & Time Acquired : 2025-06-18 14:11:05 DataFile Name : 050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	78.72	78.94	79.24	78.97	0.33	ppb
Vanadium	51-2	101.52	100.60	101.31	101.14	0.47	ppb
Yttrium	89-1				112		%
Yttrium	89-2				106		%
Zinc	66-2	999.92	981.34	978.96	986.74	1.16	ppb
Zirconium	90-1	82.22	84.26	82.74	83.07	1.28	ppb
Zirconium	91-1	84.19	85.93	85.34	85.15	1.04	ppb

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : CCV4 Instrumnet Name : P7
Client Sample ID : CCV4 Dilution Factor : 1
Date & Time Acquired : 2025-06-18 14:15:26 DataFile Name : 051CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50839.18	49719.14	50681.17	50413.16	1.20	ppb
Antimony	121-1	512.80	523.21	544.27	526.76	3.04	ppb
Arsenic	75-2	510.29	511.07	508.54	509.96	0.25	ppb
Barium	135-1	2602.68	2605.95	2741.65	2650.09	2.99	ppb
Barium	137-1	2571.51	2542.92	2658.77	2591.07	2.33	ppb
Beryllium	9-1	517.93	510.99	517.27	515.40	0.74	ppb
Bismuth	209-1				102		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	491.13	489.80	511.28	497.40	2.42	ppb
Cadmium	106-1	497.79	504.36	519.13	507.09	2.16	ppb
Cadmium	111-1	491.68	497.62	513.66	500.99	2.27	ppb
Calcium	43-1	263844.85	261001.95	257919.11	260921.97	1.14	ppb
Calcium	44-1	259155.38	264944.67	255743.47	259947.84	1.79	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	493.78	482.58	489.31	488.56	1.15	ppb
Cobalt	59-2	537.51	480.80	492.55	503.62	5.94	ppb
Copper	63-2	5194.64	5044.44	5226.24	5155.11	1.88	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				104		%
Indium	115-1				102		%
Indium	115-2				97		%
Iron	56-2	135798.68	131405.75	132707.24	133303.89	1.69	ppb
Iron	57-2	135225.26	132843.00	135241.27	134436.51	1.03	ppb
Iron	54-2	135751.34	134043.95	133613.85	134469.71	0.84	ppb
Krypton	83-1						cps

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : CCV4 Instrumnet Name : P7
Client Sample ID : CCV4 Dilution Factor : 1
Date & Time Acquired : 2025-06-18 14:15:26 DataFile Name : 051CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2589.65	2671.94	2574.42	2612.00	2.01	ppb
Lead	207-1	2598.38	2635.86	2593.29	2609.18	0.89	ppb
Lead	208-1	2601.48	2644.69	2568.26	2604.81	1.47	ppb
Lithium	6-1				97		%
Magnesium	24-2	261476.02	256531.56	257360.46	258456.01	1.02	ppb
Manganese	55-2	5266.25	5048.03	5091.38	5135.22	2.25	ppb
Molybdenum	94-1	5056.19	5109.57	5063.09	5076.28	0.57	ppb
Molybdenum	95-1	5041.25	5122.12	5043.19	5068.86	0.91	ppb
Molybdenum	96-1	5097.89	5178.86	5043.09	5106.62	1.34	ppb
Molybdenum	97-1	5177.59	5227.48	5079.23	5161.44	1.46	ppb
Molybdenum	98-1	5111.64	5150.37	5073.68	5111.90	0.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	514.38	507.01	512.52	511.30	0.75	ppb
Phosphorus	31-2	10183.98	9949.97	10016.06	10050.00	1.20	ppb
Potassium	39-2	128258.07	128554.89	127852.14	128221.70	0.28	ppb
Rhodium	103-1				99		%
Rhodium	103-2				97		%
Scandium	45-1				104		%
Scandium	45-2				102		%
Sdium	23-2	268317.50	265876.30	262136.77	265443.52	1.17	ppb
Selenium	82-1	478.01	480.08	472.77	476.95	0.79	ppb
Selenium	77-2	498.38	482.14	506.00	495.50	2.46	ppb
Selenium	78-2	500.41	478.16	490.07	489.55	2.27	ppb
Silicon	28-1	412.72	435.36	417.29	421.79	2.84	ppb
Silver	107-1	535.25	527.74	551.57	538.19	2.26	ppb
Silver	109-1	526.06	528.71	544.49	533.09	1.87	ppb
Strontium	86-1	502.37	510.18	498.62	503.72	1.17	ppb
Strontium	88-1	508.27	508.27	498.17	504.90	1.15	ppb
Sulfur	34-1	9477.60	9731.22	9242.11	9483.65	2.58	ppb
Terbium	159-1				107		%
Terbium	159-2				106		%
Thallium	203-1	527.71	538.83	534.75	533.77	1.05	ppb
Thallium	205-1	516.79	541.52	518.15	525.48	2.65	ppb
Tin	118-1	513.37	522.60	544.26	526.74	3.01	ppb
Titanium	47-1	5004.25	5225.00	5042.40	5090.55	2.32	ppb

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : CCV4 Instrumnet Name : P7
Client Sample ID : CCV4 Dilution Factor : 1
Date & Time Acquired : 2025-06-18 14:15:26 DataFile Name : 051CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	530.08	532.16	527.98	530.07	0.39	ppb
Vanadium	51-2	497.68	490.42	497.57	495.23	0.84	ppb
Yttrium	89-1				105		%
Yttrium	89-2				102		%
Zinc	66-2	4977.45	4878.35	5088.33	4981.38	2.11	ppb
Zirconium	90-1	505.23	523.13	498.08	508.81	2.54	ppb
Zirconium	91-1	473.33	481.22	466.89	473.81	1.52	ppb

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : CCB4 Instrumnet Name : P7
Client Sample ID : CCB4 Dilution Factor : 1
Date & Time Acquired : 2025-06-18 14:18:20 DataFile Name : 052CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.19	1.19	1.50	1.30	13.82	ppb
Antimony	121-1	0.10	0.12	0.13	0.11	13.07	ppb
Arsenic	75-2	-0.01	0.02	0.01	0.01	167.45	ppb
Barium	135-1	0.04	0.04	0.03	0.04	23.10	ppb
Barium	137-1	0.05	0.04	0.06	0.05	15.08	ppb
Beryllium	9-1	0.00	0.05	0.01	0.02	133.35	ppb
Bismuth	209-1				107		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.01	0.01	0.05	0.03	89.89	ppb
Cadmium	106-1	-0.89	-0.25	-0.47	-0.54		ppb
Cadmium	111-1	-0.04	0.02	-0.02	-0.01		ppb
Calcium	43-1	-8.81	-11.90	-12.20	-10.97		ppb
Calcium	44-1	-3.83	-5.58	-6.03	-5.15		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.14	0.11	0.11	0.12	15.73	ppb
Cobalt	59-2	0.00	0.02	0.01	0.01	101.30	ppb
Copper	63-2	0.31	0.21	0.26	0.26	18.11	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				105		%
Indium	115-1				108		%
Indium	115-2				103		%
Iron	56-2	2.51	2.52	2.42	2.48	2.25	ppb
Iron	57-2	5.87	5.37	5.72	5.66	4.52	ppb
Iron	54-2	2.87	1.43	2.12	2.14	33.56	ppb
Krypton	83-1						cps

LB Number : LB136195 Operator : Jaswal
 Lab Sample ID : CCB4 Instrumnet Name : P7
 Client Sample ID : CCB4 Dilution Factor : 1
 Date & Time Acquired : 2025-06-18 14:18:20 DataFile Name : 052CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.11	0.12	0.10	0.11	9.05	ppb
Lead	207-1	0.07	0.13	0.09	0.10	31.17	ppb
Lead	208-1	0.09	0.10	0.10	0.10	6.78	ppb
Lithium	6-1				98		%
Magnesium	24-2	4.55	4.92	4.33	4.60	6.48	ppb
Manganese	55-2	0.04	-0.03	0.07	0.03	181.93	ppb
Molybdenum	94-1	0.19	0.23	0.24	0.22	10.16	ppb
Molybdenum	95-1	0.18	0.17	0.14	0.16	14.99	ppb
Molybdenum	96-1	0.19	0.16	0.15	0.16	11.19	ppb
Molybdenum	97-1	0.18	0.17	0.17	0.18	3.70	ppb
Molybdenum	98-1	0.18	0.18	0.18	0.18	1.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.05	-0.03	-0.07	-0.02		ppb
Phosphorus	31-2	-55.19	-54.47	-64.09	-57.92		ppb
Potassium	39-2	5.98	2.13	8.16	5.43	56.32	ppb
Rhodium	103-1				107		%
Rhodium	103-2				115		%
Scandium	45-1				106		%
Scandium	45-2				102		%
Sdium	23-2	18.86	20.25	19.89	19.66	3.67	ppb
Selenium	82-1	-0.57	-0.57	-0.65	-0.59		ppb
Selenium	77-2	-0.26	-0.26	-0.26	-0.26		ppb
Selenium	78-2	0.64	-1.43	-0.80	-0.53		ppb
Silicon	28-1	-7.42	-14.24	-13.98	-11.88		ppb
Silver	107-1	0.05	0.03	0.03	0.04	29.88	ppb
Silver	109-1	0.05	0.03	0.03	0.04	35.94	ppb
Strontium	86-1	0.01	-0.02	-0.05	-0.02		ppb
Strontium	88-1	0.01	0.00	0.01	0.01	47.59	ppb
Sulfur	34-1	-1740.87	-1856.68	-1847.80	-1815.12		ppb
Terbium	159-1				107		%
Terbium	159-2				107		%
Thallium	203-1	0.08	0.09	0.11	0.09	17.36	ppb
Thallium	205-1	0.09	0.09	0.08	0.09	8.76	ppb
Tin	118-1	0.03	0.03	0.06	0.04	45.57	ppb
Titanium	47-1	0.10	0.13	0.08	0.10	24.92	ppb

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : CCB4 Instrumnet Name : P7
Client Sample ID : CCB4 Dilution Factor : 1
Date & Time Acquired : 2025-06-18 14:18:20 DataFile Name : 052CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.01	0.01	0.01	0.01	9.89	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	37.88	ppb
Yttrium	89-1				107		%
Yttrium	89-2				103		%
Zinc	66-2	0.27	0.00	0.12	0.13	104.93	ppb
Zirconium	90-1	0.04	0.03	0.04	0.04	13.75	ppb
Zirconium	91-1	0.05	0.04	0.06	0.05	18.74	ppb

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : S0 Instrumnet Name : P7
Client Sample ID : S0 Dilution Factor : 1
Date & Time Acquired : 2025-06-18 11:14:48 DataFile Name : 005CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	387	360	333	360	7.41	cps
Antimony	121-1	27	23	3	18	71.00	cps
Arsenic	75-2	10	10	3	8	49.52	cps
Barium	135-1	33	33	3	23	74.24	cps
Barium	137-1	33	23	13	23	42.86	cps
Beryllium	9-1	3	13	27	14	81.07	cps
Bismuth	209-1	1873306	1871230	1906563	1883700	1.05	cps
Bismuth	209-2	1494514	1484623	1485576	1488238	0.37	cps
Bromine	81-1	20548	21089	20194	20610	2.19	cps
Bromine	81-2	143	143	107	131	16.15	cps
Cadmium	108-1	3	0	3	2	86.60	cps
Cadmium	106-1	1197	1150	1120	1156	3.34	cps
Cadmium	111-1	845	818	795	820	3.07	cps
Calcium	43-1	440	523	460	474	9.17	cps
Calcium	44-1	7332	7088	7322	7247	1.90	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1147	1113	1077	1112	3.15	cps
Cobalt	59-2	40	47	60	49	20.83	cps
Copper	63-2	1243	1260	1353	1286	4.61	cps
Dysprosium	156-1	3	0	7	3	100.05	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	20	30	27	26	19.92	cps
Erbium	164-2	23	17	17	19	20.36	cps
Gadolinium	160-1	23	3	13	13	75.02	cps
Gadolinium	160-2	113	123	113	117	4.95	cps
Holmium	165-1	3261393	3154393	3248926	3221571	1.82	cps
Holmium	165-2	2392368	2363088	2373458	2376305	0.62	cps
Indium	115-1	2784456	2704838	2696995	2728763	1.77	cps
Indium	115-2	948528	944239	939122	943963	0.50	cps
Iron	56-2	17584	17404	17170	17386	1.19	cps
Iron	57-2	1157	1187	1103	1149	3.67	cps
Iron	54-2	2027	2180	2277	2161	5.83	cps
Krypton	83-1	283	290	323	299	7.17	cps

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : S0 Instrumnet Name : P7
Client Sample ID : S0 Dilution Factor : 1
Date & Time Acquired : 2025-06-18 11:14:48 DataFile Name : 005CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	333	290	327	317	7.37	cps
Lead	207-1	333	280	310	308	8.69	cps
Lead	208-1	1357	1370	1377	1368	0.74	cps
Lithium	6-1	242632	240944	240552	241376	0.46	cps
Magnesium	24-2	93	97	170	120	36.11	cps
Manganese	55-2	1153	1140	1210	1168	3.18	cps
Molybdenum	94-1	203	167	193	188	10.09	cps
Molybdenum	95-1	167	167	190	174	7.72	cps
Molybdenum	96-1	260	233	223	239	7.93	cps
Molybdenum	97-1	153	63	123	113	40.44	cps
Molybdenum	98-1	263	270	290	274	5.06	cps
Neodymium	150-1	3	20	10	11	75.52	cps
Neodymium	150-2	0	7	3	3	100.05	cps
Nickel	60-2	383	347	293	341	13.27	cps
Phosphorus	31-2	590	510	593	564	8.36	cps
Potassium	39-2	44812	44836	44582	44743	0.31	cps
Rhodium	103-1	2549587	2561079	2533077	2547914	0.55	cps
Rhodium	103-2	1402538	1394489	1388889	1395305	0.49	cps
Scandium	45-1	1505640	1474892	1494230	1491587	1.04	cps
Scandium	45-2	123273	123142	123089	123168	0.08	cps
Sdium	23-2	11471	10837	11174	11161	2.84	cps
Selenium	82-1	135	109	85	110	22.74	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	543	493	527	521	4.89	cps
Silicon	28-1	759803	764500	769302	764535	0.62	cps
Silver	107-1	40	57	53	50	17.64	cps
Silver	109-1	47	33	30	37	24.06	cps
Strontium	86-1	557	517	420	498	14.12	cps
Strontium	88-1	123	120	153	132	13.89	cps
Sulfur	34-1	120241	118024	117880	118715	1.11	cps
Terbium	159-1	3436623	3285768	3363524	3361972	2.24	cps
Terbium	159-2	2365151	2388105	2362578	2371945	0.59	cps
Thallium	203-1	73	70	53	66	16.35	cps
Thallium	205-1	183	153	153	163	10.60	cps
Tin	118-1	780	793	800	791	1.29	cps
Titanium	47-1	63	27	70	53	43.75	cps

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : S0 Instrumnet Name : P7
Client Sample ID : S0 Dilution Factor : 1
Date & Time Acquired : 2025-06-18 11:14:48 DataFile Name : 005CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	23	7	17	16	53.90	cps
Vanadium	51-2	10	10	7	9	21.63	cps
Yttrium	89-1	4895148	4847025	4930197	4890790	0.85	cps
Yttrium	89-2	1238956	1232217	1212510	1227895	1.12	cps
Zinc	66-2	510	537	460	502	7.75	cps
Zirconium	90-1	227	260	150	212	26.58	cps
Zirconium	91-1	43	27	40	37	24.04	cps

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : S2 Instrumnet Name : P7
Client Sample ID : S2 Dilution Factor : 1
Date & Time Acquired : 2025-06-18 11:18:13 DataFile Name : 006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2330	2300	2490	2374	4.30	cps
Antimony	121-1	8226	8416	8159	8267	1.61	cps
Arsenic	75-2	267	300	303	290	6.99	cps
Barium	135-1	10337	10394	10437	10389	0.48	cps
Barium	137-1	18515	17905	18082	18167	1.73	cps
Beryllium	9-1	550	507	500	519	5.23	cps
Bismuth	209-1	1880800	1922753	1941357	1914970	1.62	cps
Bismuth	209-2	1494694	1501688	1497072	1497818	0.24	cps
Bromine	81-1	21316	21035	20688	21013	1.50	cps
Bromine	81-2	117	137	180	144	22.41	cps
Cadmium	108-1	57	103	73	78	30.40	cps
Cadmium	106-1	1493	1390	1330	1405	5.88	cps
Cadmium	111-1	2142	2097	2000	2080	3.51	cps
Calcium	43-1	6148	5961	6305	6138	2.80	cps
Calcium	44-1	104111	104504	103907	104174	0.29	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4581	4764	4787	4711	2.40	cps
Cobalt	59-2	2830	2827	2940	2866	2.25	cps
Copper	63-2	5651	5128	4941	5240	7.03	cps
Dysprosium	156-1	0	3	3	2	86.60	cps
Dysprosium	156-2	10	3	0	4	114.60	cps
Erbium	164-1	23	30	27	27	12.51	cps
Erbium	164-2	23	7	20	17	52.90	cps
Gadolinium	160-1	10	10	23	14	53.28	cps
Gadolinium	160-2	100	133	157	130	21.91	cps
Holmium	165-1	3258439	3236592	3277616	3257549	0.63	cps
Holmium	165-2	2382932	2390691	2419527	2397717	0.80	cps
Indium	115-1	2714047	2740120	2707515	2720561	0.63	cps
Indium	115-2	952524	955609	950560	952898	0.27	cps
Iron	56-2	102319	101500	100721	101513	0.79	cps
Iron	57-2	3124	3507	3437	3356	6.08	cps
Iron	54-2	6762	6475	6765	6667	2.50	cps
Krypton	83-1	280	270	323	291	9.74	cps

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : S2 Instrumnet Name : P7
Client Sample ID : S2 Dilution Factor : 1
Date & Time Acquired : 2025-06-18 11:18:13 DataFile Name : 006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3277	3244	3234	3252	0.70	cps
Lead	207-1	2900	2927	2887	2905	0.70	cps
Lead	208-1	13249	13119	13253	13207	0.58	cps
Lithium	6-1	240434	241607	242271	241438	0.39	cps
Magnesium	24-2	78191	78319	78670	78393	0.32	cps
Manganese	55-2	2480	2444	2574	2499	2.68	cps
Molybdenum	94-1	8779	8679	9163	8874	2.88	cps
Molybdenum	95-1	10871	10904	10867	10881	0.19	cps
Molybdenum	96-1	12125	11918	11782	11942	1.45	cps
Molybdenum	97-1	6492	6842	6632	6655	2.65	cps
Molybdenum	98-1	17280	17234	17714	17409	1.52	cps
Neodymium	150-1	7	3	0	3	100.05	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	1027	1013	1023	1021	0.68	cps
Phosphorus	31-2	727	720	760	736	2.91	cps
Potassium	39-2	148149	149348	147575	148357	0.61	cps
Rhodium	103-1	2563377	2540060	2538533	2547323	0.55	cps
Rhodium	103-2	1407446	1398902	1398104	1401484	0.37	cps
Scandium	45-1	1502142	1490963	1479289	1490798	0.77	cps
Scandium	45-2	123274	125290	122306	123623	1.23	cps
Sdium	23-2	133218	135223	133437	133959	0.82	cps
Selenium	82-1	582	637	508	576	11.32	cps
Selenium	77-2	20	57	40	39	47.21	cps
Selenium	78-2	627	713	647	662	6.85	cps
Silicon	28-1	760970	765680	769303	765318	0.55	cps
Silver	107-1	5444	5678	5274	5466	3.71	cps
Silver	109-1	5051	5278	5184	5171	2.20	cps
Strontium	86-1	1890	1927	1977	1931	2.25	cps
Strontium	88-1	12569	13143	12702	12805	2.35	cps
Sulfur	34-1	120043	120373	121216	120544	0.50	cps
Terbium	159-1	3288003	3395877	3372575	3352151	1.69	cps
Terbium	159-2	2429481	2430027	2373732	2411080	1.34	cps
Thallium	203-1	3694	3727	3694	3705	0.52	cps
Thallium	205-1	8706	8846	8596	8716	1.44	cps
Tin	118-1	18572	18852	18615	18680	0.81	cps
Titanium	47-1	2550	2557	2784	2630	5.05	cps

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : S2 Instrumnet Name : P7
Client Sample ID : S2 Dilution Factor : 1
Date & Time Acquired : 2025-06-18 11:18:13 DataFile Name : 006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	11565	11785	11458	11603	1.44	cps
Vanadium	51-2	7505	7459	7449	7471	0.41	cps
Yttrium	89-1	4862886	4771481	4813801	4816056	0.95	cps
Yttrium	89-2	1236305	1240143	1234532	1236994	0.23	cps
Zinc	66-2	2194	2130	2260	2195	2.96	cps
Zirconium	90-1	7362	7239	7379	7326	1.04	cps
Zirconium	91-1	1873	1677	1733	1761	5.75	cps

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : S3 Instrumnet Name : P7
Client Sample ID : S3 Dilution Factor : 1
Date & Time Acquired : 2025-06-18 11:24:58 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	90844	91122	91930	91298	0.62	cps
Antimony	121-1	192386	193386	194491	193421	0.54	cps
Arsenic	75-2	11815	11758	11455	11676	1.66	cps
Barium	135-1	251764	251859	253174	252266	0.31	cps
Barium	137-1	432603	432962	432300	432622	0.08	cps
Beryllium	9-1	23224	23945	23825	23665	1.63	cps
Bismuth	209-1	1879006	1884755	1897428	1887063	0.50	cps
Bismuth	209-2	1524840	1508570	1506415	1513275	0.67	cps
Bromine	81-1	20494	20765	20047	20435	1.77	cps
Bromine	81-2	137	153	140	143	6.15	cps
Cadmium	108-1	4011	3897	4154	4021	3.20	cps
Cadmium	106-1	6992	6922	6882	6932	0.80	cps
Cadmium	111-1	55518	56465	57502	56495	1.76	cps
Calcium	43-1	57228	57325	57264	57272	0.09	cps
Calcium	44-1	932952	935111	942460	936841	0.53	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	84327	83915	84311	84184	0.28	cps
Cobalt	59-2	131151	131010	129114	130425	0.87	cps
Copper	63-2	935365	929289	929884	931512	0.36	cps
Dysprosium	156-1	7	13	13	11	34.61	cps
Dysprosium	156-2	13	20	7	13	49.99	cps
Erbium	164-1	23	17	30	23	28.56	cps
Erbium	164-2	13	17	23	18	28.64	cps
Gadolinium	160-1	27	17	13	19	36.75	cps
Gadolinium	160-2	137	150	117	134	12.48	cps
Holmium	165-1	3277768	3229539	3296698	3268002	1.06	cps
Holmium	165-2	2442923	2415320	2420158	2426134	0.61	cps
Indium	115-1	2739010	2686289	2720584	2715294	0.99	cps
Indium	115-2	952845	955367	954993	954402	0.14	cps
Iron	56-2	4367844	4270611	4118697	4252384	2.95	cps
Iron	57-2	103343	102484	103594	103140	0.56	cps
Iron	54-2	227921	225344	227089	226785	0.58	cps
Krypton	83-1	267	273	263	268	1.90	cps

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : S3 Instrumnet Name : P7
Client Sample ID : S3 Dilution Factor : 1
Date & Time Acquired : 2025-06-18 11:24:58 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	707683	717550	724210	716481	1.16	cps
Lead	207-1	637006	638915	640087	638669	0.24	cps
Lead	208-1	2862460	2885018	2908705	2885394	0.80	cps
Lithium	6-1	250212	248121	248379	248904	0.46	cps
Magnesium	24-2	782580	773071	779553	778401	0.62	cps
Manganese	55-2	676443	675114	676263	675940	0.11	cps
Molybdenum	94-1	691456	701789	704712	699319	1.00	cps
Molybdenum	95-1	996212	998959	1009159	1001443	0.68	cps
Molybdenum	96-1	1083986	1085902	1091915	1087268	0.38	cps
Molybdenum	97-1	613101	620418	625780	619766	1.03	cps
Molybdenum	98-1	1719328	1717309	1719155	1718597	0.07	cps
Neodymium	150-1	23	20	20	21	9.11	cps
Neodymium	150-2	3	3	7	4	43.40	cps
Nickel	60-2	33975	34433	34212	34207	0.67	cps
Phosphorus	31-2	5728	6048	5928	5901	2.74	cps
Potassium	39-2	543563	541203	549755	544840	0.81	cps
Rhodium	103-1	2518708	2469962	2608064	2532244	2.77	cps
Rhodium	103-2	1397000	1403734	1409095	1403276	0.43	cps
Scandium	45-1	1500599	1502210	1506858	1503222	0.22	cps
Scandium	45-2	125985	124692	126501	125726	0.74	cps
Sdium	23-2	1329181	1302222	1282083	1304495	1.81	cps
Selenium	82-1	4266	4332	4166	4255	1.97	cps
Selenium	77-2	530	520	430	493	11.16	cps
Selenium	78-2	2140	1890	2140	2057	7.02	cps
Silicon	28-1	1470823	1487086	1512369	1490093	1.40	cps
Silver	107-1	258718	261445	263627	261263	0.94	cps
Silver	109-1	246656	250287	251219	249387	0.97	cps
Strontium	86-1	68689	68987	67983	68553	0.75	cps
Strontium	88-1	589828	598480	599105	595804	0.87	cps
Sulfur	34-1	136658	138174	136732	137188	0.62	cps
Terbium	159-1	3410241	3408401	3406373	3408338	0.06	cps
Terbium	159-2	2451450	2431447	2449985	2444294	0.46	cps
Thallium	203-1	178511	178640	178431	178527	0.06	cps
Thallium	205-1	406745	414161	414620	411842	1.07	cps
Tin	118-1	171676	171359	175546	172860	1.35	cps
Titanium	47-1	248793	251935	254302	251677	1.10	cps

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : S3 Instrumnet Name : P7
Client Sample ID : S3 Dilution Factor : 1
Date & Time Acquired : 2025-06-18 11:24:58 DataFile Name : 008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	538348	543374	545471	542398	0.67	cps
Vanadium	51-2	71750	72205	72031	71995	0.32	cps
Yttrium	89-1	4779828	4858404	4815252	4817828	0.82	cps
Yttrium	89-2	1242273	1239287	1242841	1241467	0.15	cps
Zinc	66-2	175409	173433	174825	174556	0.58	cps
Zirconium	90-1	345542	350904	351798	349415	0.97	cps
Zirconium	91-1	77788	77724	78797	78103	0.77	cps

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : S4 Instrumnet Name : P7
Client Sample ID : S4 Dilution Factor : 1
Date & Time Acquired : 2025-06-18 11:31:33 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	219622	216516	212812	216317	1.58	cps
Antimony	121-1	462897	468423	461178	464166	0.82	cps
Arsenic	75-2	27215	27081	26531	26942	1.35	cps
Barium	135-1	603903	612884	599729	605505	1.11	cps
Barium	137-1	1036571	1046567	1043855	1042331	0.50	cps
Beryllium	9-1	57121	56262	59055	57479	2.49	cps
Bismuth	209-1	2022841	1925816	1995084	1981247	2.52	cps
Bismuth	209-2	1523154	1523238	1494818	1513737	1.08	cps
Bromine	81-1	19496	19610	19446	19517	0.43	cps
Bromine	81-2	150	160	123	144	13.12	cps
Cadmium	108-1	9403	9984	9517	9634	3.19	cps
Cadmium	106-1	14290	15105	14714	14703	2.77	cps
Cadmium	111-1	133335	135924	133277	134179	1.13	cps
Calcium	43-1	134093	134658	137194	135315	1.22	cps
Calcium	44-1	2247029	2292010	2306775	2281938	1.36	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	198754	198655	195015	197475	1.08	cps
Cobalt	59-2	312843	311912	304968	309908	1.39	cps
Copper	63-2	2358687	2335130	2320476	2338097	0.82	cps
Dysprosium	156-1	20	7	13	13	49.99	cps
Dysprosium	156-2	43	67	30	47	39.77	cps
Erbium	164-1	37	50	40	42	16.43	cps
Erbium	164-2	20	20	37	26	37.66	cps
Gadolinium	160-1	30	20	17	22	31.22	cps
Gadolinium	160-2	157	150	127	144	10.91	cps
Holmium	165-1	3362885	3314312	3290236	3322477	1.11	cps
Holmium	165-2	2478914	2440635	2403827	2441125	1.54	cps
Indium	115-1	2727450	2685885	2660004	2691113	1.26	cps
Indium	115-2	941723	949542	928539	939935	1.13	cps
Iron	56-2	9967744	10039292	9780730	9929255	1.34	cps
Iron	57-2	240708	243910	240425	241681	0.80	cps
Iron	54-2	536658	535548	525605	532604	1.14	cps
Krypton	83-1	290	270	277	279	3.65	cps

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : S4 Instrumnet Name : P7
Client Sample ID : S4 Dilution Factor : 1
Date & Time Acquired : 2025-06-18 11:31:33 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1982298	1969959	1966687	1972981	0.42	cps
Lead	207-1	1577003	1546690	1591914	1571869	1.47	cps
Lead	208-1	7858006	7752500	7863594	7824700	0.80	cps
Lithium	6-1	253814	247285	258489	253196	2.22	cps
Magnesium	24-2	2099270	2006618	2004288	2036725	2.66	cps
Manganese	55-2	1739212	1706633	1704107	1716651	1.14	cps
Molybdenum	94-1	1719017	1785797	1772395	1759069	2.01	cps
Molybdenum	95-1	2519618	2600749	2572361	2564243	1.61	cps
Molybdenum	96-1	2773300	2811655	2827279	2804078	0.99	cps
Molybdenum	97-1	1564284	1605423	1560763	1576823	1.57	cps
Molybdenum	98-1	3978984	4194861	3972147	4048664	3.13	cps
Neodymium	150-1	37	27	50	38	30.98	cps
Neodymium	150-2	10	3	3	6	69.34	cps
Nickel	60-2	81708	81138	80347	81064	0.84	cps
Phosphorus	31-2	12752	12252	12562	12522	2.02	cps
Potassium	39-2	1314016	1293554	1254344	1287305	2.36	cps
Rhodium	103-1	2493934	2547253	2487302	2509496	1.31	cps
Rhodium	103-2	1383309	1399006	1372024	1384780	0.98	cps
Scandium	45-1	1477685	1483382	1484337	1481801	0.24	cps
Scandium	45-2	123808	125633	121732	123724	1.58	cps
Sdium	23-2	3127140	3077604	3079118	3094620	0.91	cps
Selenium	82-1	9779	10089	10038	9969	1.67	cps
Selenium	77-2	970	970	1040	993	4.07	cps
Selenium	78-2	4064	3847	4181	4031	4.20	cps
Silicon	28-1	1970710	1985721	2005813	1987415	0.89	cps
Silver	107-1	608811	635176	620982	621657	2.12	cps
Silver	109-1	587804	605972	593944	595907	1.55	cps
Strontium	86-1	158833	164309	163106	162083	1.78	cps
Strontium	88-1	1492423	1522751	1565894	1527022	2.42	cps
Sulfur	34-1	155283	156646	154394	155441	0.73	cps
Terbium	159-1	3499094	3437825	3388197	3441705	1.61	cps
Terbium	159-2	2512963	2461182	2395645	2456597	2.39	cps
Thallium	203-1	438242	432411	439213	436622	0.84	cps
Thallium	205-1	1025684	1000313	1029469	1018489	1.56	cps
Tin	118-1	406507	418760	409051	411439	1.57	cps
Titanium	47-1	592595	592822	602918	596111	0.99	cps

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : S4 Instrumnet Name : P7
Client Sample ID : S4 Dilution Factor : 1
Date & Time Acquired : 2025-06-18 11:31:33 DataFile Name : 010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1351042	1328475	1368845	1349454	1.50	cps
Vanadium	51-2	171018	171473	168531	170341	0.93	cps
Yttrium	89-1	4710838	4846943	4820648	4792810	1.51	cps
Yttrium	89-2	1234552	1247511	1227614	1236559	0.82	cps
Zinc	66-2	417333	413517	411978	414276	0.67	cps
Zirconium	90-1	816663	841833	834089	830862	1.55	cps
Zirconium	91-1	184580	190604	187895	187693	1.61	cps

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : S5 Instrumnet Name : P7
Client Sample ID : S5 Dilution Factor : 1
Date & Time Acquired : 2025-06-18 11:34:48 DataFile Name : 011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	430891	429961	431791	430881	0.21	cps
Antimony	121-1	924215	931321	928960	928165	0.39	cps
Arsenic	75-2	53824	54025	55507	54452	1.69	cps
Barium	135-1	1203180	1219252	1214548	1212327	0.68	cps
Barium	137-1	2307160	2298746	2274076	2293328	0.75	cps
Beryllium	9-1	112844	115472	112168	113495	1.54	cps
Bismuth	209-1	1927454	1928895	1914539	1923629	0.41	cps
Bismuth	209-2	1508206	1506698	1525377	1513427	0.69	cps
Bromine	81-1	19626	19807	19223	19552	1.53	cps
Bromine	81-2	133	150	120	134	11.18	cps
Cadmium	108-1	19143	18665	19360	19056	1.86	cps
Cadmium	106-1	27560	28334	27559	27818	1.61	cps
Cadmium	111-1	265360	265999	266266	265875	0.18	cps
Calcium	43-1	264707	269656	271018	268460	1.24	cps
Calcium	44-1	4526909	4598866	4550778	4558851	0.80	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	396409	399766	393670	396615	0.77	cps
Cobalt	59-2	617332	621483	618987	619267	0.34	cps
Copper	63-2	4652260	4660972	4736087	4683106	0.98	cps
Dysprosium	156-1	50	43	33	42	19.87	cps
Dysprosium	156-2	77	73	77	76	2.55	cps
Erbium	164-1	37	30	40	36	14.32	cps
Erbium	164-2	57	37	77	57	35.29	cps
Gadolinium	160-1	13	50	33	32	56.98	cps
Gadolinium	160-2	123	130	170	141	17.89	cps
Holmium	165-1	3298223	3241225	3297689	3279046	1.00	cps
Holmium	165-2	2434040	2405198	2461491	2433576	1.16	cps
Indium	115-1	2662001	2673522	2621445	2652322	1.03	cps
Indium	115-2	931521	932027	930557	931368	0.08	cps
Iron	56-2	20209828	20121121	20220807	20183919	0.27	cps
Iron	57-2	489496	492138	485450	489028	0.69	cps
Iron	54-2	1073215	1062900	1072723	1069613	0.54	cps
Krypton	83-1	323	303	243	290	14.36	cps

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : S5 Instrumnet Name : P7
Client Sample ID : S5 Dilution Factor : 1
Date & Time Acquired : 2025-06-18 11:34:48 DataFile Name : 011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3982321	3981506	4046680	4003502	0.93	cps
Lead	207-1	3668220	3613546	3541158	3607641	1.77	cps
Lead	208-1	16224556	16150914	16166303	16180591	0.24	cps
Lithium	6-1	248063	251860	249800	249908	0.76	cps
Magnesium	24-2	4046509	4069347	4046861	4054239	0.32	cps
Manganese	55-2	3495248	3460595	3490497	3482113	0.54	cps
Molybdenum	94-1	3552919	3580359	3571887	3568388	0.39	cps
Molybdenum	95-1	5152606	5158802	5098044	5136484	0.65	cps
Molybdenum	96-1	5579095	5546009	5588844	5571316	0.40	cps
Molybdenum	97-1	3142635	3239023	3179989	3187216	1.52	cps
Molybdenum	98-1	8329901	8249802	8274831	8284845	0.49	cps
Neodymium	150-1	43	53	17	38	50.16	cps
Neodymium	150-2	17	27	10	18	47.19	cps
Nickel	60-2	163879	162790	162376	163015	0.48	cps
Phosphorus	31-2	24840	24854	24967	24887	0.28	cps
Potassium	39-2	2513830	2537989	2491101	2514307	0.93	cps
Rhodium	103-1	2409209	2471073	2432421	2437568	1.28	cps
Rhodium	103-2	1380917	1376488	1372974	1376793	0.29	cps
Scandium	45-1	1434924	1440103	1467583	1447537	1.21	cps
Scandium	45-2	123683	123156	123577	123472	0.23	cps
Sdium	23-2	6272656	6237991	6252191	6254279	0.28	cps
Selenium	82-1	19741	19609	19702	19684	0.34	cps
Selenium	77-2	2157	2124	2024	2101	3.30	cps
Selenium	78-2	7912	7745	7575	7744	2.17	cps
Silicon	28-1	2905283	2922974	2948239	2925498	0.74	cps
Silver	107-1	1236341	1231080	1236526	1234649	0.25	cps
Silver	109-1	1182331	1176726	1182257	1180438	0.27	cps
Strontium	86-1	322750	325737	324719	324402	0.47	cps
Strontium	88-1	2989791	3078800	3057848	3042146	1.53	cps
Sulfur	34-1	187846	185639	185697	186394	0.67	cps
Terbium	159-1	3395069	3361214	3386976	3381087	0.52	cps
Terbium	159-2	2417445	2459205	2438644	2438431	0.86	cps
Thallium	203-1	863056	885705	885863	878208	1.49	cps
Thallium	205-1	2266288	2331364	2321737	2306463	1.52	cps
Tin	118-1	823495	831190	821060	825248	0.64	cps
Titanium	47-1	1275555	1291235	1275713	1280835	0.70	cps

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : S5 Instrumnet Name : P7
Client Sample ID : S5 Dilution Factor : 1
Date & Time Acquired : 2025-06-18 11:34:48 DataFile Name : 011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	3097028	3210247	3239420	3182232	2.36	cps
Vanadium	51-2	343994	342749	339051	341931	0.75	cps
Yttrium	89-1	4739138	4735046	4737426	4737204	0.04	cps
Yttrium	89-2	1226936	1227613	1219118	1224556	0.39	cps
Zinc	66-2	831426	824550	822359	826112	0.57	cps
Zirconium	90-1	1766953	1847062	1770151	1794722	2.53	cps
Zirconium	91-1	372160	376029	375385	374525	0.55	cps

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : S6 Instrumnet Name : P7
Client Sample ID : S6 Dilution Factor : 1
Date & Time Acquired : 2025-06-18 11:37:51 DataFile Name : 012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	874036	874462	862860	870453	0.76	cps
Antimony	121-1	2061156	2071591	2055964	2062904	0.39	cps
Arsenic	75-2	112224	111240	110058	111174	0.98	cps
Barium	135-1	2738545	2853093	2794759	2795466	2.05	cps
Barium	137-1	4669743	4747717	4757022	4724827	1.01	cps
Beryllium	9-1	222360	225343	226473	224726	0.95	cps
Bismuth	209-1	1955924	1985551	2002142	1981206	1.18	cps
Bismuth	209-2	1533151	1537810	1534409	1535123	0.16	cps
Bromine	81-1	19750	19880	20077	19902	0.83	cps
Bromine	81-2	147	90	160	132	28.11	cps
Cadmium	108-1	38668	38381	39012	38687	0.82	cps
Cadmium	106-1	53491	55867	56473	55277	2.85	cps
Cadmium	111-1	528731	540953	540494	536726	1.29	cps
Calcium	43-1	536944	550747	547486	545059	1.32	cps
Calcium	44-1	9080658	9191586	9227207	9166484	0.83	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	809468	805075	807995	807513	0.28	cps
Cobalt	59-2	1263729	1248584	1257571	1256628	0.61	cps
Copper	63-2	9612890	9579976	9569609	9587492	0.24	cps
Dysprosium	156-1	50	33	47	43	20.36	cps
Dysprosium	156-2	177	177	100	151	29.29	cps
Erbium	164-1	77	67	77	73	7.87	cps
Erbium	164-2	53	67	70	63	13.93	cps
Gadolinium	160-1	33	37	57	42	29.89	cps
Gadolinium	160-2	157	173	163	164	5.10	cps
Holmium	165-1	3307469	3290312	3342640	3313473	0.81	cps
Holmium	165-2	2528163	2525199	2484595	2512653	0.97	cps
Indium	115-1	2659459	2682226	2702122	2681269	0.80	cps
Indium	115-2	942922	954587	944525	947345	0.67	cps
Iron	56-2	41815219	41273378	40859446	41316014	1.16	cps
Iron	57-2	992163	986384	983237	987262	0.46	cps
Iron	54-2	2265535	2280885	2258446	2268289	0.51	cps
Krypton	83-1	273	280	303	286	5.52	cps

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : S6 Instrumnet Name : P7
Client Sample ID : S6 Dilution Factor : 1
Date & Time Acquired : 2025-06-18 11:37:51 DataFile Name : 012CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	8084147	8286290	8374149	8248196	1.80	cps
Lead	207-1	7369243	7485706	7493136	7449362	0.93	cps
Lead	208-1	33029291	33583211	33914482	33508994	1.33	cps
Lithium	6-1	248503	249817	250227	249516	0.36	cps
Magnesium	24-2	8165202	8198372	8140621	8168065	0.35	cps
Manganese	55-2	7077586	7061087	7003621	7047431	0.55	cps
Molybdenum	94-1	7262335	7339401	7276619	7292785	0.56	cps
Molybdenum	95-1	10521347	10576024	10741334	10612902	1.08	cps
Molybdenum	96-1	11306292	11440050	11453393	11399912	0.71	cps
Molybdenum	97-1	6478030	6437902	6508818	6474917	0.55	cps
Molybdenum	98-1	16487558	16842845	17035287	16788563	1.66	cps
Neodymium	150-1	110	107	87	101	12.48	cps
Neodymium	150-2	73	27	23	41	68.00	cps
Nickel	60-2	326627	325590	327578	326598	0.30	cps
Phosphorus	31-2	51145	49895	50022	50354	1.37	cps
Potassium	39-2	5119237	5097210	5053344	5089930	0.66	cps
Rhodium	103-1	2408560	2469441	2492144	2456715	1.76	cps
Rhodium	103-2	1392403	1399705	1501025	1431044	4.24	cps
Scandium	45-1	1493449	1460290	1481201	1478313	1.13	cps
Scandium	45-2	125989	126473	126553	126338	0.24	cps
Sdium	23-2	12893601	12708119	12593846	12731855	1.19	cps
Selenium	82-1	39262	39549	39801	39537	0.68	cps
Selenium	77-2	4257	4457	4577	4431	3.65	cps
Selenium	78-2	14781	15478	15011	15090	2.35	cps
Silicon	28-1	4742112	4932427	4948345	4874295	2.35	cps
Silver	107-1	2711865	2723547	2709359	2714924	0.28	cps
Silver	109-1	2538616	2617581	2606770	2587656	1.65	cps
Strontium	86-1	649818	663171	663923	658971	1.20	cps
Strontium	88-1	6104355	6208562	6259960	6190959	1.28	cps
Sulfur	34-1	254142	253210	254281	253877	0.23	cps
Terbium	159-1	3422390	3477594	3531353	3477112	1.57	cps
Terbium	159-2	2558047	2551813	2512234	2540698	0.98	cps
Thallium	203-1	1997163	2016307	2093771	2035747	2.51	cps
Thallium	205-1	4786185	4769337	4872498	4809340	1.15	cps
Tin	118-1	1794154	1841802	1818296	1818084	1.31	cps
Titanium	47-1	2643876	2609547	2632131	2628518	0.66	cps

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : S6 Instrumnet Name : P7
Client Sample ID : S6 Dilution Factor : 1
Date & Time Acquired : 2025-06-18 11:37:51 DataFile Name : 012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	6454477	6626577	6536878	6539311	1.32	cps
Vanadium	51-2	699352	695037	694534	696308	0.38	cps
Yttrium	89-1	4883280	4848769	4745822	4825957	1.48	cps
Yttrium	89-2	1246091	1258122	1242085	1248766	0.67	cps
Zinc	66-2	1762647	1755129	1750840	1756205	0.34	cps
Zirconium	90-1	3676916	3698805	3728793	3701505	0.70	cps
Zirconium	91-1	756528	770527	771721	766258	1.10	cps

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : S7 Instrumnet Name : P7
Client Sample ID : S7 Dilution Factor : 1
Date & Time Acquired : 2025-06-18 11:40:43 DataFile Name : 013CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1983775	1906574	1901863	1930737	2.38	cps
Antimony	121-1	4174579	4185472	4245166	4201739	0.90	cps
Arsenic	75-2	227672	227910	224548	226710	0.83	cps
Barium	135-1	5627253	5707144	5674937	5669778	0.71	cps
Barium	137-1	9549456	9593916	9738478	9627283	1.03	cps
Beryllium	9-1	443710	453311	446369	447797	1.11	cps
Bismuth	209-1	2008435	1958378	1995126	1987313	1.30	cps
Bismuth	209-2	1524896	1511460	1515007	1517121	0.46	cps
Bromine	81-1	21022	21202	21803	21342	1.92	cps
Bromine	81-2	173	170	150	164	7.68	cps
Cadmium	108-1	77717	76862	77375	77318	0.56	cps
Cadmium	106-1	108784	110463	110665	109971	0.94	cps
Cadmium	111-1	1074212	1080085	1086473	1080256	0.57	cps
Calcium	43-1	1103891	1119919	1130287	1118032	1.19	cps
Calcium	44-1	18921520	19197069	19074403	19064331	0.72	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1754590	1768719	1773947	1765752	0.57	cps
Cobalt	59-2	2767504	2766254	2728783	2754180	0.80	cps
Copper	63-2	19665998	19466406	19380314	19504240	0.75	cps
Dysprosium	156-1	110	83	87	93	15.57	cps
Dysprosium	156-2	237	320	263	273	15.57	cps
Erbium	164-1	123	120	113	119	4.28	cps
Erbium	164-2	100	103	120	108	9.94	cps
Gadolinium	160-1	70	80	50	67	22.91	cps
Gadolinium	160-2	197	170	147	171	14.62	cps
Holmium	165-1	3376438	3365897	3345804	3362713	0.46	cps
Holmium	165-2	2486526	2495880	2509339	2497248	0.46	cps
Indium	115-1	2609213	2645433	2639059	2631235	0.73	cps
Indium	115-2	941435	927391	931650	933492	0.77	cps
Iron	56-2	85009455	83805662	83035140	83950086	1.19	cps
Iron	57-2	2111200	2103702	2141792	2118898	0.95	cps
Iron	54-2	4601020	4609006	4662450	4624159	0.72	cps
Krypton	83-1	330	227	303	287	18.71	cps

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : S7 Instrumnet Name : P7
Client Sample ID : S7 Dilution Factor : 1
Date & Time Acquired : 2025-06-18 11:40:43 DataFile Name : 013CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	16804741	16825484	16965231	16865152	0.52	cps
Lead	207-1	14789781	15127961	15412894	15110212	2.06	cps
Lead	208-1	67374914	68602316	69519038	68498756	1.57	cps
Lithium	6-1	249183	247787	248606	248525	0.28	cps
Magnesium	24-2	16450410	16727977	16352331	16510239	1.18	cps
Manganese	55-2	14635469	14535704	14641567	14604247	0.41	cps
Molybdenum	94-1	14657629	15044509	15041684	14914607	1.49	cps
Molybdenum	95-1	21539737	21749136	21855393	21714756	0.74	cps
Molybdenum	96-1	23236553	23849294	23523960	23536602	1.30	cps
Molybdenum	97-1	13000339	13296411	13351851	13216200	1.43	cps
Molybdenum	98-1	34348899	34755806	34833769	34646158	0.75	cps
Neodymium	150-1	323	280	263	289	10.72	cps
Neodymium	150-2	53	60	63	59	8.65	cps
Nickel	60-2	658548	656077	654754	656460	0.29	cps
Phosphorus	31-2	101789	101253	102468	101837	0.60	cps
Potassium	39-2	10399344	10409224	10352104	10386891	0.29	cps
Rhodium	103-1	2440053	2419806	2492794	2450884	1.54	cps
Rhodium	103-2	1395859	1385704	1398182	1393248	0.48	cps
Scandium	45-1	1481646	1501499	1496410	1493185	0.69	cps
Scandium	45-2	128974	128523	128117	128538	0.33	cps
Sdium	23-2	25580429	25701686	25258532	25513549	0.90	cps
Selenium	82-1	79172	79771	79785	79576	0.44	cps
Selenium	77-2	8826	8716	8459	8667	2.17	cps
Selenium	78-2	29603	30501	30478	30194	1.70	cps
Silicon	28-1	8537519	8919988	9099757	8852421	3.24	cps
Silver	107-1	5365563	5481658	5406024	5417748	1.09	cps
Silver	109-1	5243977	5171831	5262236	5226015	0.91	cps
Strontium	86-1	1342307	1360961	1368344	1357204	0.99	cps
Strontium	88-1	13018289	12898130	12939899	12952106	0.47	cps
Sulfur	34-1	400394	399897	400252	400181	0.06	cps
Terbium	159-1	3502399	3533756	3610122	3548759	1.56	cps
Terbium	159-2	2487145	2548471	2583452	2539689	1.92	cps
Thallium	203-1	4096550	4228027	4237127	4187235	1.88	cps
Thallium	205-1	9722198	9738606	9867143	9775982	0.81	cps
Tin	118-1	3632480	3844497	3741748	3739575	2.84	cps
Titanium	47-1	5299583	5455828	5452668	5402693	1.65	cps

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : S7 Instrumnet Name : P7
Client Sample ID : S7 Dilution Factor : 1
Date & Time Acquired : 2025-06-18 11:40:43 DataFile Name : 013CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	13101531	13348383	13465425	13305113	1.40	cps
Vanadium	51-2	1532447	1539383	1532997	1534942	0.25	cps
Yttrium	89-1	4887111	4813980	4900251	4867114	0.96	cps
Yttrium	89-2	1270515	1278595	1276101	1275070	0.32	cps
Zinc	66-2	3593503	3597115	3618655	3603091	0.38	cps
Zirconium	90-1	7504048	7672054	7653123	7609742	1.21	cps
Zirconium	91-1	1689479	1696998	1721612	1702696	0.99	cps

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : S8 Instrumnet Name : P7
Client Sample ID : S8 Dilution Factor : 1
Date & Time Acquired : 2025-06-18 11:43:33 DataFile Name : 014CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10250268	10184820	10208162	10214417	0.32	cps
Antimony	121-1	2897	3204	3284	3128	6.53	cps
Arsenic	75-2	110	140	107	119	15.44	cps
Barium	135-1	2847	2637	2677	2720	4.10	cps
Barium	137-1	4764	4874	4758	4799	1.37	cps
Beryllium	9-1	90	87	77	84	8.22	cps
Bismuth	209-1	1807210	1793284	1784981	1795158	0.63	cps
Bismuth	209-2	1405283	1389664	1386948	1393965	0.71	cps
Bromine	81-1	21262	22040	22010	21771	2.02	cps
Bromine	81-2	197	203	157	186	13.60	cps
Cadmium	108-1	47	30	47	41	23.41	cps
Cadmium	106-1	1290	1367	1257	1305	4.32	cps
Cadmium	111-1	1067	1122	1014	1068	5.09	cps
Calcium	43-1	5929701	6099726	6115017	6048148	1.70	cps
Calcium	44-1	98661295	98793279	100691589	99382054	1.14	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3584	3524	3330	3479	3.81	cps
Cobalt	59-2	4537	4584	4687	4603	1.67	cps
Copper	63-2	3637	3327	3604	3523	4.83	cps
Dysprosium	156-1	250	227	177	218	17.20	cps
Dysprosium	156-2	157	150	183	163	10.80	cps
Erbium	164-1	487	480	553	507	8.00	cps
Erbium	164-2	370	460	310	380	19.87	cps
Gadolinium	160-1	280	243	260	261	7.03	cps
Gadolinium	160-2	293	277	313	294	6.24	cps
Holmium	165-1	3402002	3326856	3295630	3341496	1.64	cps
Holmium	165-2	2467877	2439165	2513018	2473353	1.51	cps
Indium	115-1	2699548	2677585	2705000	2694044	0.54	cps
Indium	115-2	949134	943853	946905	946631	0.28	cps
Iron	56-2	441650113	436058140	433296380	437001545	0.97	cps
Iron	57-2	10936638	10853421	10842610	10877556	0.47	cps
Iron	54-2	23579845	23475393	23560903	23538714	0.24	cps
Krypton	83-1	313	337	260	303	12.95	cps

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : S8 Instrumnet Name : P7
Client Sample ID : S8 Dilution Factor : 1
Date & Time Acquired : 2025-06-18 11:43:33 DataFile Name : 014CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3407	3214	3400	3340	3.29	cps
Lead	207-1	3057	2807	2930	2931	4.27	cps
Lead	208-1	13886	13066	13516	13489	3.05	cps
Lithium	6-1	238190	244415	245255	242620	1.59	cps
Magnesium	24-2	87558375	86727929	85939102	86741802	0.93	cps
Manganese	55-2	7155	7032	7342	7176	2.18	cps
Molybdenum	94-1	4394	4724	4444	4521	3.94	cps
Molybdenum	95-1	2600	2544	2780	2641	4.68	cps
Molybdenum	96-1	12966	13480	12696	13047	3.05	cps
Molybdenum	97-1	1983	1873	1987	1948	3.31	cps
Molybdenum	98-1	4214	4014	4211	4146	2.76	cps
Neodymium	150-1	103	97	133	111	17.58	cps
Neodymium	150-2	73	63	77	71	9.76	cps
Nickel	60-2	1943	1903	1963	1937	1.58	cps
Phosphorus	31-2	573	570	597	580	2.51	cps
Potassium	39-2	54904118	56687401	56599602	56063707	1.79	cps
Rhodium	103-1	2402489	2378734	2404648	2395290	0.60	cps
Rhodium	103-2	1319205	1318622	1324223	1320683	0.23	cps
Scandium	45-1	1521745	1507241	1545265	1524750	1.26	cps
Scandium	45-2	129155	129340	129233	129243	0.07	cps
Sdium	23-2	134102278	135146741	136481571	135243530	0.88	cps
Selenium	82-1	325	272	341	313	11.58	cps
Selenium	77-2	7	3	7	6	34.70	cps
Selenium	78-2	520	547	517	528	3.12	cps
Silicon	28-1	741678	754408	766460	754182	1.64	cps
Silver	107-1	630	537	530	566	9.89	cps
Silver	109-1	540	513	460	504	8.08	cps
Strontium	86-1	19810	19753	19586	19717	0.59	cps
Strontium	88-1	166885	165197	167836	166639	0.80	cps
Sulfur	34-1	97441	100236	103047	100242	2.80	cps
Terbium	159-1	3459005	3549698	3518491	3509064	1.31	cps
Terbium	159-2	2502440	2486751	2476273	2488488	0.53	cps
Thallium	203-1	563	470	567	533	10.29	cps
Thallium	205-1	1010	1057	1140	1069	6.16	cps
Tin	118-1	1340	1413	1387	1380	2.69	cps
Titanium	47-1	383	393	303	360	13.70	cps

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : S8 Instrumnet Name : P7
Client Sample ID : S8 Dilution Factor : 1
Date & Time Acquired : 2025-06-18 11:43:33 DataFile Name : 014CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	467	437	343	416	15.48	cps
Vanadium	51-2	453	533	480	489	8.33	cps
Yttrium	89-1	4845215	4932969	5023168	4933784	1.80	cps
Yttrium	89-2	1267922	1271731	1280731	1273461	0.52	cps
Zinc	66-2	2290	2003	2107	2134	6.81	cps
Zirconium	90-1	6548	6708	6615	6624	1.21	cps
Zirconium	91-1	1280	1527	1467	1425	9.03	cps

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : ICV1 Instrumnet Name : P7
Client Sample ID : ICV1 Dilution Factor : 1
Date & Time Acquired : 2025-06-18 12:01:33 DataFile Name : 016ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	46627	46226	46246	46367	0.49	cps
Antimony	121-1	783575	790012	795722	789770	0.77	cps
Arsenic	75-2	48268	49563	49242	49024	1.37	cps
Barium	135-1	108399	107233	109043	108225	0.85	cps
Barium	137-1	184542	187358	189211	187037	1.26	cps
Beryllium	9-1	47730	48011	47987	47909	0.33	cps
Bismuth	209-1	1950125	1932836	1915208	1932723	0.90	cps
Bismuth	209-2	1571517	1552873	1548661	1557684	0.78	cps
Bromine	81-1	22300	22461	22701	22487	0.90	cps
Bromine	81-2	123	137	150	137	9.76	cps
Cadmium	108-1	7725	7619	7806	7717	1.21	cps
Cadmium	106-1	11788	11905	11578	11757	1.41	cps
Cadmium	111-1	115143	117479	119548	117390	1.88	cps
Calcium	43-1	24406	24630	24233	24423	0.82	cps
Calcium	44-1	397019	399040	405546	400535	1.11	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	178443	178288	178126	178286	0.09	cps
Cobalt	59-2	287771	288807	283953	286843	0.89	cps
Copper	63-2	197403	197040	197240	197228	0.09	cps
Dysprosium	156-1	13	7	13	11	34.61	cps
Dysprosium	156-2	13	10	0	8	89.21	cps
Erbium	164-1	40	17	17	24	55.10	cps
Erbium	164-2	13	20	27	20	33.35	cps
Gadolinium	160-1	10	13	20	14	35.26	cps
Gadolinium	160-2	130	180	130	147	19.68	cps
Holmium	165-1	3305086	3277025	3295402	3292504	0.43	cps
Holmium	165-2	2533396	2482130	2525371	2513633	1.10	cps
Indium	115-1	2831367	2760064	2845318	2812250	1.63	cps
Indium	115-2	997672	990514	983318	990502	0.72	cps
Iron	56-2	3508542	3575705	3451438	3511895	1.77	cps
Iron	57-2	85143	85257	85166	85189	0.07	cps
Iron	54-2	192533	193126	191200	192286	0.51	cps
Krypton	83-1	353	433	347	378	12.77	cps

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : ICV1 Instrumnet Name : P7
Client Sample ID : ICV1 Dilution Factor : 1
Date & Time Acquired : 2025-06-18 12:01:33 DataFile Name : 016ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	690024	696993	712267	699761	1.63	cps
Lead	207-1	616635	620192	634429	623752	1.51	cps
Lead	208-1	2795462	2800786	2870954	2822400	1.49	cps
Lithium	6-1	236516	235566	237208	236430	0.35	cps
Magnesium	24-2	181553	180251	181318	181041	0.38	cps
Manganese	55-2	144641	144045	144197	144294	0.21	cps
Molybdenum	94-1	403	383	407	398	3.17	cps
Molybdenum	95-1	350	363	413	376	8.89	cps
Molybdenum	96-1	530	603	583	572	6.63	cps
Molybdenum	97-1	273	257	223	251	10.14	cps
Molybdenum	98-1	660	680	623	654	4.39	cps
Neodymium	150-1	13	3	7	8	65.47	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	75288	75164	75010	75154	0.19	cps
Phosphorus	31-2	513	553	630	566	10.48	cps
Potassium	39-2	451810	449096	453131	451346	0.46	cps
Rhodium	103-1	2623609	2635803	2653506	2637639	0.57	cps
Rhodium	103-2	1561460	1537638	1571040	1556713	1.10	cps
Scandium	45-1	1544855	1508885	1534335	1529358	1.21	cps
Scandium	45-2	128184	128567	128550	128434	0.17	cps
Sdium	23-2	491025	485823	476361	484403	1.53	cps
Selenium	82-1	17362	17390	17653	17468	0.92	cps
Selenium	77-2	1790	1890	1800	1827	3.02	cps
Selenium	78-2	7175	7125	7025	7108	1.07	cps
Silicon	28-1	758774	761269	762276	760773	0.24	cps
Silver	107-1	276047	280444	282967	279819	1.25	cps
Silver	109-1	261255	266230	268284	265256	1.36	cps
Strontium	86-1	633	593	590	606	3.98	cps
Strontium	88-1	817	887	863	856	4.17	cps
Sulfur	34-1	100709	101568	100514	100930	0.56	cps
Terbium	159-1	3486401	3404815	3469013	3453409	1.24	cps
Terbium	159-2	2520324	2521075	2508776	2516725	0.27	cps
Thallium	203-1	711014	715009	734926	720317	1.78	cps
Thallium	205-1	1851697	1893921	1917149	1887589	1.76	cps
Tin	118-1	827	910	907	881	5.35	cps
Titanium	47-1	90	107	130	109	18.45	cps

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : ICV1 Instrumnet Name : P7
Client Sample ID : ICV1 Dilution Factor : 1
Date & Time Acquired : 2025-06-18 12:01:33 DataFile Name : 016ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	537	600	613	583	7.02	cps
Vanadium	51-2	147430	145525	146850	146602	0.67	cps
Yttrium	89-1	5070525	5002138	5159827	5077497	1.56	cps
Yttrium	89-2	1289056	1289538	1280247	1286281	0.41	cps
Zinc	66-2	72994	73503	72713	73070	0.55	cps
Zirconium	90-1	540	527	560	542	3.09	cps
Zirconium	91-1	127	150	183	153	18.57	cps

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : LLICV1 Instrumnet Name : P7
Client Sample ID : LLICV1 Dilution Factor : 1
Date & Time Acquired : 2025-06-18 12:08:23 DataFile Name : 017LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2080	2340	2187	2202	5.94	cps
Antimony	121-1	7879	8406	8393	8226	3.65	cps
Arsenic	75-2	270	273	293	279	4.52	cps
Barium	135-1	10327	10804	10761	10631	2.48	cps
Barium	137-1	18112	18295	18409	18272	0.82	cps
Beryllium	9-1	493	577	503	524	8.68	cps
Bismuth	209-1	1925212	1935222	1925936	1928790	0.29	cps
Bismuth	209-2	1526884	1766430	1565673	1619663	7.94	cps
Bromine	81-1	22364	22684	22327	22458	0.87	cps
Bromine	81-2	113	183	110	136	30.55	cps
Cadmium	108-1	73	90	97	87	13.87	cps
Cadmium	106-1	1187	1277	1300	1255	4.77	cps
Cadmium	111-1	2066	2117	2052	2079	1.65	cps
Calcium	43-1	6291	6535	5985	6270	4.40	cps
Calcium	44-1	103779	103980	104930	104229	0.59	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4337	4474	4587	4466	2.80	cps
Cobalt	59-2	2844	2834	2977	2885	2.77	cps
Copper	63-2	5388	5374	5271	5344	1.20	cps
Dysprosium	156-1	0	3	7	3	100.05	cps
Dysprosium	156-2	10	7	0	6	91.64	cps
Erbium	164-1	23	17	43	28	49.95	cps
Erbium	164-2	20	13	23	19	26.96	cps
Gadolinium	160-1	13	23	13	17	34.65	cps
Gadolinium	160-2	143	153	147	148	3.45	cps
Holmium	165-1	3238499	3285031	3183997	3235843	1.56	cps
Holmium	165-2	2466847	2488598	2505927	2487124	0.79	cps
Indium	115-1	2768960	2805395	2804878	2793077	0.75	cps
Indium	115-2	980636	984505	989326	984822	0.44	cps
Iron	56-2	102266	103195	104074	103178	0.88	cps
Iron	57-2	3490	3540	3464	3498	1.11	cps
Iron	54-2	7168	7205	7028	7134	1.31	cps
Krypton	83-1	323	313	290	309	5.54	cps

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : LLICV1 Instrumnet Name : P7
Client Sample ID : LLICV1 Dilution Factor : 1
Date & Time Acquired : 2025-06-18 12:08:23 DataFile Name : 017LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3464	3407	3397	3423	1.05	cps
Lead	207-1	2800	2910	2960	2890	2.83	cps
Lead	208-1	13573	13550	13516	13546	0.21	cps
Lithium	6-1	232948	234639	236033	234540	0.66	cps
Magnesium	24-2	76955	76114	76550	76540	0.55	cps
Manganese	55-2	2577	2524	2560	2554	1.07	cps
Molybdenum	94-1	8923	9093	8726	8914	2.06	cps
Molybdenum	95-1	10494	10701	10611	10602	0.98	cps
Molybdenum	96-1	11975	11872	11862	11903	0.53	cps
Molybdenum	97-1	6612	6652	6938	6734	2.65	cps
Molybdenum	98-1	17120	17230	17511	17287	1.16	cps
Neodymium	150-1	0	0	10	3	173.21	cps
Neodymium	150-2	7	3	0	3	100.05	cps
Nickel	60-2	1000	1050	1043	1031	2.63	cps
Phosphorus	31-2	743	770	633	716	10.12	cps
Potassium	39-2	148163	147238	148988	148130	0.59	cps
Rhodium	103-1	2586554	2546955	2603781	2579097	1.13	cps
Rhodium	103-2	1551620	1563080	1578571	1564424	0.86	cps
Scandium	45-1	1509650	1521374	1565290	1532104	1.91	cps
Scandium	45-2	126005	127834	126792	126877	0.72	cps
Sdium	23-2	131161	132465	133480	132369	0.88	cps
Selenium	82-1	557	593	619	589	5.26	cps
Selenium	77-2	47	43	40	43	7.70	cps
Selenium	78-2	673	700	720	698	3.36	cps
Silicon	28-1	755192	751379	754521	753697	0.27	cps
Silver	107-1	5581	5568	5594	5581	0.24	cps
Silver	109-1	5284	4991	5201	5159	2.93	cps
Strontium	86-1	2097	1933	2020	2017	4.05	cps
Strontium	88-1	12429	12272	12729	12476	1.86	cps
Sulfur	34-1	101232	100276	101367	100958	0.59	cps
Terbium	159-1	3363599	3400383	3437393	3400458	1.09	cps
Terbium	159-2	2509133	2535008	2565595	2536579	1.11	cps
Thallium	203-1	3764	3691	4054	3836	5.01	cps
Thallium	205-1	8846	8626	8673	8715	1.33	cps
Tin	118-1	18065	18492	18679	18412	1.71	cps
Titanium	47-1	2537	2604	2624	2588	1.75	cps

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : LLICV1 Instrumnet Name : P7
Client Sample ID : LLICV1 Dilution Factor : 1
Date & Time Acquired : 2025-06-18 12:08:23 DataFile Name : 017LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	10978	11218	11398	11198	1.88	cps
Vanadium	51-2	7485	7462	7695	7548	1.70	cps
Yttrium	89-1	4967040	5005643	5059978	5010887	0.93	cps
Yttrium	89-2	1276491	1282165	1284302	1280986	0.32	cps
Zinc	66-2	2437	2400	2407	2415	0.81	cps
Zirconium	90-1	7285	7495	7772	7518	3.25	cps
Zirconium	91-1	1617	1617	1787	1673	5.87	cps

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : ICB1 Instrumnet Name : P7
Client Sample ID : ICB1 Dilution Factor : 1
Date & Time Acquired : 2025-06-18 12:13:05 DataFile Name : 018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	377	423	437	412	7.64	cps
Antimony	121-1	60	50	60	57	10.19	cps
Arsenic	75-2	17	0	3	7	132.33	cps
Barium	135-1	30	10	7	16	81.11	cps
Barium	137-1	37	33	27	32	15.80	cps
Beryllium	9-1	20	17	10	16	32.73	cps
Bismuth	209-1	1918735	1905550	1905455	1909913	0.40	cps
Bismuth	209-2	1539172	1533445	1529025	1533881	0.33	cps
Bromine	81-1	22791	22207	22197	22398	1.52	cps
Bromine	81-2	97	90	107	98	8.58	cps
Cadmium	108-1	7	7	0	4	86.60	cps
Cadmium	106-1	1117	1223	1080	1140	6.53	cps
Cadmium	111-1	784	862	763	803	6.50	cps
Calcium	43-1	323	263	280	289	10.72	cps
Calcium	44-1	6418	6488	6225	6377	2.14	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	997	1150	1100	1082	7.23	cps
Cobalt	59-2	63	60	37	53	27.24	cps
Copper	63-2	1107	1167	1223	1166	5.01	cps
Dysprosium	156-1	3	3	0	2	86.60	cps
Dysprosium	156-2	10	7	3	7	50.03	cps
Erbium	164-1	17	17	27	20	28.86	cps
Erbium	164-2	20	10	20	17	34.64	cps
Gadolinium	160-1	10	23	3	12	83.33	cps
Gadolinium	160-2	103	157	120	127	21.54	cps
Holmium	165-1	3225460	3297708	3268580	3263916	1.11	cps
Holmium	165-2	2557644	2523903	2445611	2509053	2.29	cps
Indium	115-1	2803080	2798009	2807712	2802933	0.17	cps
Indium	115-2	984750	983404	979470	982541	0.28	cps
Iron	56-2	18882	18351	18341	18525	1.67	cps
Iron	57-2	1227	1117	1193	1179	4.78	cps
Iron	54-2	2260	2287	2164	2237	2.90	cps
Krypton	83-1	323	300	333	319	5.36	cps

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : ICB1 Instrumnet Name : P7
Client Sample ID : ICB1 Dilution Factor : 1
Date & Time Acquired : 2025-06-18 12:13:05 DataFile Name : 018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	437	410	403	417	4.23	cps
Lead	207-1	380	300	443	374	19.18	cps
Lead	208-1	1587	1600	1860	1682	9.16	cps
Lithium	6-1	234818	237390	239983	237397	1.09	cps
Magnesium	24-2	123	167	163	151	15.96	cps
Manganese	55-2	1073	1040	1170	1094	6.17	cps
Molybdenum	94-1	187	203	193	194	4.31	cps
Molybdenum	95-1	147	137	167	150	10.18	cps
Molybdenum	96-1	247	237	260	248	4.73	cps
Molybdenum	97-1	90	97	97	94	4.08	cps
Molybdenum	98-1	260	313	320	298	11.05	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	270	313	280	288	7.88	cps
Phosphorus	31-2	530	583	587	567	5.61	cps
Potassium	39-2	44719	44936	44869	44841	0.25	cps
Rhodium	103-1	2589238	2580992	2652979	2607737	1.51	cps
Rhodium	103-2	1563479	1529545	1549362	1547462	1.10	cps
Scandium	45-1	1522775	1532514	1531224	1528838	0.35	cps
Scandium	45-2	126346	125683	125660	125896	0.31	cps
Sdium	23-2	12182	12388	11715	12095	2.85	cps
Selenium	82-1	101	185	94	127	40.00	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	583	513	517	538	7.34	cps
Silicon	28-1	738394	744197	744401	742331	0.46	cps
Silver	107-1	80	93	120	98	20.83	cps
Silver	109-1	77	73	50	67	21.80	cps
Strontium	86-1	493	517	527	512	3.34	cps
Strontium	88-1	83	107	107	99	13.63	cps
Sulfur	34-1	102605	102792	101789	102395	0.52	cps
Terbium	159-1	3406298	3459099	3483772	3449723	1.15	cps
Terbium	159-2	2495764	2496665	2456877	2483102	0.91	cps
Thallium	203-1	93	73	87	84	12.06	cps
Thallium	205-1	240	217	257	238	8.45	cps
Tin	118-1	740	750	763	751	1.56	cps
Titanium	47-1	47	83	63	64	28.48	cps

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : ICB1 Instrumnet Name : P7
Client Sample ID : ICB1 Dilution Factor : 1
Date & Time Acquired : 2025-06-18 12:13:05 DataFile Name : 018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	7	17	7	10	57.72	cps
Vanadium	51-2	0	10	13	8	89.21	cps
Yttrium	89-1	4943109	4939343	5064608	4982353	1.43	cps
Yttrium	89-2	1284043	1277436	1274813	1278764	0.37	cps
Zinc	66-2	457	487	507	483	5.21	cps
Zirconium	90-1	260	230	207	232	11.51	cps
Zirconium	91-1	50	57	60	56	9.17	cps

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : ICSA1 Instrumnet Name : P7
Client Sample ID : ICSA1 Dilution Factor : 1
Date & Time Acquired : 2025-06-18 12:30:09 DataFile Name : 021ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9091281	9254044	9384817	9243381	1.59	cps
Antimony	121-1	4834	4881	5004	4906	1.79	cps
Arsenic	75-2	93	87	113	98	14.20	cps
Barium	135-1	1533	1733	1737	1668	6.98	cps
Barium	137-1	2727	2990	2890	2869	4.63	cps
Beryllium	9-1	140	160	167	156	8.92	cps
Bismuth	209-1	1968606	1946397	1965573	1960192	0.61	cps
Bismuth	209-2	1504345	1509217	1506207	1506589	0.16	cps
Bromine	81-1	23742	24704	25562	24670	3.69	cps
Bromine	81-2	400	383	370	384	3.91	cps
Cadmium	108-1	503	487	600	530	11.55	cps
Cadmium	106-1	1150	1053	1167	1123	5.45	cps
Cadmium	111-1	1059	1130	1167	1119	4.88	cps
Calcium	43-1	1206612	1246497	1240002	1231037	1.74	cps
Calcium	44-1	19819073	19827420	20394675	20013723	1.65	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	35913	35873	37109	36298	1.94	cps
Cobalt	59-2	3284	3637	3470	3464	5.10	cps
Copper	63-2	18678	18612	19743	19011	3.34	cps
Dysprosium	156-1	0	13	27	13	100.01	cps
Dysprosium	156-2	10	7	13	10	33.30	cps
Erbium	164-1	43	30	37	37	18.18	cps
Erbium	164-2	27	17	33	26	32.81	cps
Gadolinium	160-1	30	30	20	27	21.65	cps
Gadolinium	160-2	120	150	150	140	12.37	cps
Holmium	165-1	3487462	3454711	3486127	3476100	0.53	cps
Holmium	165-2	2500761	2461129	2489151	2483680	0.82	cps
Indium	115-1	2784510	2835922	2832461	2817631	1.02	cps
Indium	115-2	956980	951177	944741	950966	0.64	cps
Iron	56-2	174244597	175606691	179036504	176295931	1.40	cps
Iron	57-2	4344965	4347235	4388207	4360136	0.56	cps
Iron	54-2	9456218	9555270	9630909	9547466	0.92	cps
Krypton	83-1	293	360	327	327	10.20	cps

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : ICSA1 Instrumnet Name : P7
Client Sample ID : ICSA1 Dilution Factor : 1
Date & Time Acquired : 2025-06-18 12:30:09 DataFile Name : 021ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	14711	14481	15089	14760	2.08	cps
Lead	207-1	11945	12416	12139	12167	1.94	cps
Lead	208-1	55484	56145	56302	55977	0.78	cps
Lithium	6-1	234833	229260	232537	232210	1.21	cps
Magnesium	24-2	15585644	15627298	15845657	15686200	0.89	cps
Manganese	55-2	11898	12288	12342	12176	1.99	cps
Molybdenum	94-1	2618092	2674524	2679699	2657438	1.29	cps
Molybdenum	95-1	4650990	4749101	4762065	4720719	1.29	cps
Molybdenum	96-1	4977070	5061346	5032674	5023697	0.85	cps
Molybdenum	97-1	2897194	2912555	2912785	2907512	0.31	cps
Molybdenum	98-1	7486048	7502811	7598786	7529215	0.81	cps
Neodymium	150-1	10	10	23	14	53.28	cps
Neodymium	150-2	13	7	7	9	43.25	cps
Nickel	60-2	3937	4217	4081	4078	3.43	cps
Phosphorus	31-2	506919	523089	522697	517568	1.78	cps
Potassium	39-2	21446354	21682851	21615257	21581487	0.56	cps
Rhodium	103-1	2526217	2578852	2595520	2566863	1.41	cps
Rhodium	103-2	1391651	1391061	1373081	1385264	0.76	cps
Scandium	45-1	1519121	1470142	1525130	1504798	2.00	cps
Scandium	45-2	123987	125544	126408	125313	0.98	cps
Sdium	23-2	26472622	26536978	26969668	26659756	1.01	cps
Selenium	82-1	145	57	136	113	42.81	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	463	517	550	510	8.57	cps
Silicon	28-1	698811	695696	696261	696923	0.24	cps
Silver	107-1	233	397	450	360	31.36	cps
Silver	109-1	280	383	440	368	22.06	cps
Strontium	86-1	51419	50112	51553	51028	1.56	cps
Strontium	88-1	434564	439525	449455	441181	1.72	cps
Sulfur	34-1	1834675	1839846	1837804	1837441	0.14	cps
Terbium	159-1	3551332	3527635	3668725	3582564	2.11	cps
Terbium	159-2	2535483	2488591	2512400	2512158	0.93	cps
Thallium	203-1	313	390	287	330	16.26	cps
Thallium	205-1	693	767	797	752	7.07	cps
Tin	118-1	4534	5271	5134	4980	7.87	cps
Titanium	47-1	1041562	1054021	1063083	1052889	1.03	cps

LB Number : LB136195 Operator : Jaswal
 Lab Sample ID : ICSA1 Instrumnet Name : P7
 Client Sample ID : ICSA1 Dilution Factor : 1
 Date & Time Acquired : 2025-06-18 12:30:09 DataFile Name : 021ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	187	240	183	203	15.64	cps
Vanadium	51-2	313	350	277	313	11.70	cps
Yttrium	89-1	5013713	5061168	5096527	5057136	0.82	cps
Yttrium	89-2	1267402	1251182	1253826	1257470	0.69	cps
Zinc	66-2	4494	4587	4611	4564	1.35	cps
Zirconium	90-1	340	277	350	322	12.34	cps
Zirconium	91-1	47	77	73	66	25.08	cps

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : ICSAB1 Instrumnet Name : P7
Client Sample ID : ICSAB1 Dilution Factor : 1
Date & Time Acquired : 2025-06-18 12:45:27 DataFile Name : 025ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8609191	8308546	8296453	8404730	2.11	cps
Antimony	121-1	85449	88849	88890	87729	2.25	cps
Arsenic	75-2	4898	4744	4421	4687	5.19	cps
Barium	135-1	23623	24154	24007	23928	1.15	cps
Barium	137-1	39913	41383	40491	40596	1.83	cps
Beryllium	9-1	8502	8629	8519	8550	0.81	cps
Bismuth	209-1	1975123	2007094	2007724	1996647	0.93	cps
Bismuth	209-2	1560749	1542061	1531999	1544936	0.94	cps
Bromine	81-1	24293	24771	25582	24882	2.62	cps
Bromine	81-2	450	460	463	458	1.52	cps
Cadmium	108-1	2064	1960	1983	2002	2.71	cps
Cadmium	106-1	3250	3120	3314	3228	3.05	cps
Cadmium	111-1	23542	24184	23753	23826	1.37	cps
Calcium	43-1	1081430	1098027	1099269	1092909	0.91	cps
Calcium	44-1	18461843	18792897	18671446	18642062	0.90	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	67688	66958	66854	67167	0.68	cps
Cobalt	59-2	57092	56031	56423	56515	0.95	cps
Copper	63-2	54439	53663	53191	53764	1.17	cps
Dysprosium	156-1	17	20	33	23	37.78	cps
Dysprosium	156-2	20	13	23	19	26.96	cps
Erbium	164-1	53	27	30	37	39.62	cps
Erbium	164-2	10	13	30	18	60.28	cps
Gadolinium	160-1	23	10	47	27	69.60	cps
Gadolinium	160-2	153	93	150	132	25.51	cps
Holmium	165-1	3532717	3534471	3603250	3556813	1.13	cps
Holmium	165-2	2605283	2553241	2541937	2566820	1.32	cps
Indium	115-1	2879362	2872264	2896844	2882823	0.44	cps
Indium	115-2	985944	977057	966998	976666	0.97	cps
Iron	56-2	162634714	162363411	163630901	162876342	0.41	cps
Iron	57-2	4103869	3980430	4068110	4050803	1.57	cps
Iron	54-2	9052495	8937683	8752769	8914316	1.70	cps
Krypton	83-1	300	327	333	320	5.51	cps

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : ICSAB1 Instrumnet Name : P7
Client Sample ID : ICSAB1 Dilution Factor : 1
Date & Time Acquired : 2025-06-18 12:45:27 DataFile Name : 025ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	82928	85467	86657	85018	2.24	cps
Lead	207-1	71460	74832	73370	73221	2.31	cps
Lead	208-1	329541	338262	337432	335078	1.44	cps
Lithium	6-1	226832	225838	220366	224345	1.55	cps
Magnesium	24-2	14264499	14487164	14508935	14420200	0.94	cps
Manganese	55-2	38018	37854	38011	37961	0.24	cps
Molybdenum	94-1	2448535	2534138	2406860	2463177	2.63	cps
Molybdenum	95-1	4332287	4411860	4461423	4401857	1.48	cps
Molybdenum	96-1	4643726	4633124	4795586	4690812	1.94	cps
Molybdenum	97-1	2684019	2728314	2765964	2726099	1.50	cps
Molybdenum	98-1	7047688	7135018	7163186	7115297	0.85	cps
Neodymium	150-1	23	23	27	24	7.89	cps
Neodymium	150-2	13	17	3	11	62.48	cps
Nickel	60-2	17978	17681	17404	17687	1.62	cps
Phosphorus	31-2	482026	476990	476752	478589	0.62	cps
Potassium	39-2	20352167	20231503	20155691	20246454	0.49	cps
Rhodium	103-1	2586905	2648155	2634610	2623223	1.23	cps
Rhodium	103-2	1541473	1542371	1403836	1495893	5.33	cps
Scandium	45-1	1510268	1538610	1526889	1525255	0.93	cps
Scandium	45-2	129939	127062	126268	127756	1.51	cps
Sdium	23-2	24825421	24018095	23923137	24255551	2.04	cps
Selenium	82-1	1885	1856	1884	1875	0.88	cps
Selenium	77-2	180	190	180	183	3.15	cps
Selenium	78-2	1073	1143	1107	1108	3.16	cps
Silicon	28-1	698792	697082	703424	699766	0.47	cps
Silver	107-1	105389	109422	108582	107798	1.97	cps
Silver	109-1	100590	103983	103846	102806	1.87	cps
Strontium	86-1	47667	48998	47526	48064	1.69	cps
Strontium	88-1	410561	416977	416987	414842	0.89	cps
Sulfur	34-1	1654353	1684153	1754935	1697814	3.04	cps
Terbium	159-1	3640503	3667186	3752396	3686695	1.59	cps
Terbium	159-2	2552226	2528886	2544190	2541767	0.47	cps
Thallium	203-1	77083	78384	78368	77945	0.96	cps
Thallium	205-1	178073	184691	184546	182437	2.07	cps
Tin	118-1	2267	2867	2550	2561	11.72	cps
Titanium	47-1	962783	986744	978496	976007	1.25	cps

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : ICSAB1 Instrumnet Name : P7
Client Sample ID : ICSAB1 Dilution Factor : 1
Date & Time Acquired : 2025-06-18 12:45:27 DataFile Name : 025ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	317	370	440	376	16.47	cps
Vanadium	51-2	29452	30037	29399	29629	1.19	cps
Yttrium	89-1	5114704	5199653	5177108	5163821	0.85	cps
Yttrium	89-2	1302897	1284628	1283833	1290452	0.84	cps
Zinc	66-2	11354	11291	11384	11343	0.42	cps
Zirconium	90-1	313	267	360	313	14.89	cps
Zirconium	91-1	63	70	50	61	16.66	cps

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : CCV1 Instrumnet Name : P7
Client Sample ID : CCV1 Dilution Factor : 1
Date & Time Acquired : 2025-06-18 12:48:41 DataFile Name : 026CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5086309	5180028	5045306	5103881	1.35	cps
Antimony	121-1	2264320	2324390	2317220	2301977	1.43	cps
Arsenic	75-2	117024	117787	116104	116972	0.72	cps
Barium	135-1	3167737	3077307	3184061	3143035	1.83	cps
Barium	137-1	5271871	5203367	5233363	5236201	0.66	cps
Beryllium	9-1	203145	207705	211012	207287	1.91	cps
Bismuth	209-1	1933192	1955805	1959786	1949594	0.74	cps
Bismuth	209-2	1505992	1494898	1489749	1496880	0.55	cps
Bromine	81-1	23255	23439	24026	23573	1.71	cps
Bromine	81-2	187	123	147	152	21.04	cps
Cadmium	108-1	40460	41195	40827	40827	0.90	cps
Cadmium	106-1	58022	59903	59243	59056	1.62	cps
Cadmium	111-1	562202	573273	580480	571985	1.61	cps
Calcium	43-1	3199829	3291792	3377918	3289846	2.71	cps
Calcium	44-1	51298173	52586261	53346443	52410292	1.98	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	871446	867682	854631	864586	1.02	cps
Cobalt	59-2	1488109	1426203	1328647	1414319	5.68	cps
Copper	63-2	10061506	10001881	9833339	9965575	1.19	cps
Dysprosium	156-1	163	170	137	157	11.26	cps
Dysprosium	156-2	253	253	233	247	4.68	cps
Erbium	164-1	290	303	283	292	3.48	cps
Erbium	164-2	187	170	197	184	7.30	cps
Gadolinium	160-1	140	143	163	149	8.48	cps
Gadolinium	160-2	267	243	277	262	6.52	cps
Holmium	165-1	3652966	3580718	3510432	3581372	1.99	cps
Holmium	165-2	2600765	2615253	2500379	2572132	2.43	cps
Indium	115-1	2858965	2856033	2917805	2877601	1.21	cps
Indium	115-2	961075	954534	954143	956584	0.41	cps
Iron	56-2	237435003	234599650	233212010	235082221	0.92	cps
Iron	57-2	5883579	5801450	5803321	5829450	0.80	cps
Iron	54-2	12676232	12609432	12792627	12692764	0.73	cps
Krypton	83-1	310	400	373	361	12.80	cps

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : CCV1 Instrumnet Name : P7
Client Sample ID : CCV1 Dilution Factor : 1
Date & Time Acquired : 2025-06-18 12:48:41 DataFile Name : 026CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	8714013	8845969	8825707	8795230	0.81	cps
Lead	207-1	7823004	7853374	7985010	7887129	1.09	cps
Lead	208-1	35068004	35723540	36215699	35669081	1.61	cps
Lithium	6-1	221929	224854	228442	225075	1.45	cps
Magnesium	24-2	43203874	42777162	42372799	42784612	0.97	cps
Manganese	55-2	7564275	7659304	7563254	7595611	0.73	cps
Molybdenum	94-1	8128895	8264563	8245138	8212865	0.89	cps
Molybdenum	95-1	11804996	11879422	12047026	11910481	1.04	cps
Molybdenum	96-1	12709600	12907234	13198596	12938476	1.90	cps
Molybdenum	97-1	7193462	7386253	7349933	7309883	1.40	cps
Molybdenum	98-1	18728893	18960530	18962880	18884101	0.71	cps
Neodymium	150-1	190	160	190	180	9.62	cps
Neodymium	150-2	77	63	40	60	30.93	cps
Nickel	60-2	338568	338925	339737	339077	0.18	cps
Phosphorus	31-2	52052	51995	50838	51628	1.33	cps
Potassium	39-2	28822153	28300091	28964145	28695463	1.22	cps
Rhodium	103-1	2562693	2583519	2627487	2591233	1.28	cps
Rhodium	103-2	1541086	1398333	1389445	1442955	5.90	cps
Scandium	45-1	1539529	1522892	1504877	1522433	1.14	cps
Scandium	45-2	128503	128725	130144	129124	0.69	cps
Sdium	23-2	69225717	69084386	67195927	68502010	1.65	cps
Selenium	82-1	40812	41798	41524	41378	1.23	cps
Selenium	77-2	4511	4384	4334	4410	2.07	cps
Selenium	78-2	15281	15505	15155	15314	1.16	cps
Silicon	28-1	4311635	4364417	4421318	4365790	1.26	cps
Silver	107-1	3007457	3089099	3068407	3054988	1.39	cps
Silver	109-1	2879535	2899050	2976592	2918392	1.76	cps
Strontium	86-1	736401	748233	755316	746650	1.28	cps
Strontium	88-1	6997406	7153128	7162069	7104201	1.30	cps
Sulfur	34-1	245027	253120	254094	250747	1.99	cps
Terbium	159-1	3753278	3753898	3765633	3757603	0.19	cps
Terbium	159-2	2592090	2606736	2559887	2586238	0.93	cps
Thallium	203-1	2241139	2174337	2159506	2191661	1.98	cps
Thallium	205-1	5094726	5146276	5085108	5108703	0.64	cps
Tin	118-1	2026501	2023126	2048003	2032543	0.66	cps
Titanium	47-1	2869218	2867886	2876062	2871055	0.15	cps

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : CCV1 Instrumnet Name : P7
Client Sample ID : CCV1 Dilution Factor : 1
Date & Time Acquired : 2025-06-18 12:48:41 DataFile Name : 026CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	6961997	7044850	6897853	6968233	1.06	cps
Vanadium	51-2	757297	749458	752959	753238	0.52	cps
Yttrium	89-1	5320386	5216721	5231947	5256352	1.06	cps
Yttrium	89-2	1306777	1296853	1372495	1325375	3.10	cps
Zinc	66-2	1798036	1784587	1804702	1795775	0.57	cps
Zirconium	90-1	4151461	4153453	4210859	4171924	0.81	cps
Zirconium	91-1	848481	865067	876812	863453	1.65	cps

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : CCB1 Instrumnet Name : P7
Client Sample ID : CCB1 Dilution Factor : 1
Date & Time Acquired : 2025-06-18 12:51:30 DataFile Name : 027CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	557	533	493	528	6.07	cps
Antimony	121-1	497	510	527	511	2.94	cps
Arsenic	75-2	10	3	3	6	69.34	cps
Barium	135-1	57	17	50	41	52.12	cps
Barium	137-1	43	20	40	34	36.64	cps
Beryllium	9-1	17	37	10	21	65.74	cps
Bismuth	209-1	2032033	2079993	2029258	2047095	1.39	cps
Bismuth	209-2	1802884	1558639	1562512	1641345	8.52	cps
Bromine	81-1	23462	24127	23295	23628	1.86	cps
Bromine	81-2	153	147	143	148	3.45	cps
Cadmium	108-1	3	0	3	2	86.60	cps
Cadmium	106-1	1300	1367	1140	1269	9.18	cps
Cadmium	111-1	944	983	836	921	8.31	cps
Calcium	43-1	293	353	343	330	9.74	cps
Calcium	44-1	6518	6511	6748	6593	2.05	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1210	1280	1220	1237	3.06	cps
Cobalt	59-2	60	57	63	60	5.55	cps
Copper	63-2	2250	2207	2237	2231	0.99	cps
Dysprosium	156-1	3	3	0	2	86.60	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	23	27	17	22	22.91	cps
Erbium	164-2	17	10	13	13	25.01	cps
Gadolinium	160-1	20	10	17	16	32.73	cps
Gadolinium	160-2	150	103	117	123	19.49	cps
Holmium	165-1	3446076	3418072	3485746	3449964	0.99	cps
Holmium	165-2	2532989	2492411	2522321	2515907	0.84	cps
Indium	115-1	2955506	2970448	2913430	2946462	1.00	cps
Indium	115-2	983053	979962	977742	980252	0.27	cps
Iron	56-2	20504	20027	19843	20125	1.70	cps
Iron	57-2	1223	1160	1077	1153	6.38	cps
Iron	54-2	2220	2290	2227	2246	1.72	cps
Krypton	83-1	253	300	333	296	13.60	cps

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : CCB1 Instrumnet Name : P7
Client Sample ID : CCB1 Dilution Factor : 1
Date & Time Acquired : 2025-06-18 12:51:30 DataFile Name : 027CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	743	593	653	663	11.38	cps
Lead	207-1	487	560	603	550	10.72	cps
Lead	208-1	2527	2537	2517	2527	0.40	cps
Lithium	6-1	221309	223417	223477	222734	0.55	cps
Magnesium	24-2	437	377	390	401	7.85	cps
Manganese	55-2	1100	1050	1110	1087	2.96	cps
Molybdenum	94-1	523	377	513	471	17.39	cps
Molybdenum	95-1	513	367	363	414	20.67	cps
Molybdenum	96-1	570	600	633	601	5.27	cps
Molybdenum	97-1	233	283	203	240	16.84	cps
Molybdenum	98-1	780	693	677	717	7.74	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	367	323	290	327	11.77	cps
Phosphorus	31-2	490	473	430	464	6.67	cps
Potassium	39-2	46608	45615	46023	46082	1.08	cps
Rhodium	103-1	2677192	2669226	2641979	2662799	0.69	cps
Rhodium	103-2	1585622	1612659	1559271	1585851	1.68	cps
Scandium	45-1	1506995	1510753	1529051	1515600	0.78	cps
Scandium	45-2	126732	125404	127233	126456	0.75	cps
Sdium	23-2	15691	15294	15261	15416	1.55	cps
Selenium	82-1	190	126	99	138	33.85	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	467	530	413	470	12.43	cps
Silicon	28-1	701964	701708	699449	701040	0.20	cps
Silver	107-1	313	250	300	288	11.60	cps
Silver	109-1	280	310	220	270	16.97	cps
Strontium	86-1	573	543	593	570	4.41	cps
Strontium	88-1	137	103	117	119	14.11	cps
Sulfur	34-1	87445	89171	89342	88653	1.18	cps
Terbium	159-1	3642588	3651863	3546487	3613646	1.61	cps
Terbium	159-2	2534688	2499463	2550555	2528235	1.03	cps
Thallium	203-1	520	453	430	468	9.98	cps
Thallium	205-1	1173	1157	1163	1165	0.72	cps
Tin	118-1	857	760	767	794	6.80	cps
Titanium	47-1	100	113	70	94	23.50	cps

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : CCB1 Instrumnet Name : P7
Client Sample ID : CCB1 Dilution Factor : 1
Date & Time Acquired : 2025-06-18 12:51:30 DataFile Name : 027CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	77	40	47	54	35.88	cps
Vanadium	51-2	17	20	3	13	66.16	cps
Yttrium	89-1	5139613	5169641	5038459	5115904	1.34	cps
Yttrium	89-2	1286554	1287813	1278358	1284242	0.40	cps
Zinc	66-2	503	453	450	469	6.37	cps
Zirconium	90-1	487	593	480	520	12.23	cps
Zirconium	91-1	137	93	153	128	24.24	cps

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : CRI Instrumnet Name : P7
Client Sample ID : CRI Dilution Factor : 1
Date & Time Acquired : 2025-06-18 12:55:21 DataFile Name : 028LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2277	2134	2284	2231	3.80	cps
Antimony	121-1	8793	8746	8706	8748	0.50	cps
Arsenic	75-2	240	250	193	228	13.28	cps
Barium	135-1	11398	11261	11258	11306	0.71	cps
Barium	137-1	19584	19150	19453	19396	1.15	cps
Beryllium	9-1	497	470	477	481	2.88	cps
Bismuth	209-1	2056057	2080786	2030980	2055941	1.21	cps
Bismuth	209-2	1582768	1753071	1755998	1697279	5.84	cps
Bromine	81-1	23910	23489	23582	23660	0.93	cps
Bromine	81-2	173	217	133	174	23.89	cps
Cadmium	108-1	73	73	117	88	28.51	cps
Cadmium	106-1	1350	1333	1460	1381	4.98	cps
Cadmium	111-1	2187	2202	2290	2227	2.51	cps
Calcium	43-1	6231	6228	6488	6316	2.36	cps
Calcium	44-1	104500	106407	103984	104964	1.22	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4941	4624	4697	4754	3.49	cps
Cobalt	59-2	2917	2910	2904	2910	0.23	cps
Copper	63-2	5968	5935	6128	6010	1.72	cps
Dysprosium	156-1	7	10	10	9	21.63	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	27	27	23	26	7.55	cps
Erbium	164-2	27	33	20	27	24.99	cps
Gadolinium	160-1	20	20	13	18	21.66	cps
Gadolinium	160-2	147	110	170	142	21.27	cps
Holmium	165-1	3491884	3510585	3476138	3492869	0.49	cps
Holmium	165-2	2551811	2517231	2509167	2526070	0.90	cps
Indium	115-1	3013375	3009206	2938516	2987032	1.41	cps
Indium	115-2	992120	986332	989689	989380	0.29	cps
Iron	56-2	106014	105695	103557	105089	1.27	cps
Iron	57-2	3384	3484	3597	3488	3.06	cps
Iron	54-2	6938	7285	7278	7167	2.77	cps
Krypton	83-1	347	353	290	330	10.55	cps

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : CRI Instrumnet Name : P7
Client Sample ID : CRI Dilution Factor : 1
Date & Time Acquired : 2025-06-18 12:55:21 DataFile Name : 028LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3694	3500	3534	3576	2.89	cps
Lead	207-1	3387	3430	3390	3403	0.71	cps
Lead	208-1	14783	14897	14863	14848	0.39	cps
Lithium	6-1	223535	228040	224018	225198	1.10	cps
Magnesium	24-2	75886	76386	74513	75595	1.28	cps
Manganese	55-2	2537	2717	2617	2624	3.44	cps
Molybdenum	94-1	9303	9530	9453	9429	1.22	cps
Molybdenum	95-1	11842	11675	11548	11688	1.26	cps
Molybdenum	96-1	12882	13099	13039	13007	0.86	cps
Molybdenum	97-1	7072	6925	7112	7036	1.40	cps
Molybdenum	98-1	18135	18705	18796	18545	1.93	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	1133	1097	950	1060	9.15	cps
Phosphorus	31-2	593	683	690	656	8.24	cps
Potassium	39-2	147615	149244	148268	148375	0.55	cps
Rhodium	103-1	2708176	2734546	2805639	2749454	1.83	cps
Rhodium	103-2	1631353	1606164	1598095	1611871	1.08	cps
Scandium	45-1	1561370	1545775	1544322	1550489	0.61	cps
Scandium	45-2	125962	127189	127727	126959	0.71	cps
Sdium	23-2	132526	131891	132227	132214	0.24	cps
Selenium	82-1	543	636	606	595	7.91	cps
Selenium	77-2	57	40	57	51	18.83	cps
Selenium	78-2	780	647	650	692	10.98	cps
Silicon	28-1	704323	707392	703947	705221	0.27	cps
Silver	107-1	5925	5881	5748	5851	1.57	cps
Silver	109-1	5611	5765	5598	5658	1.64	cps
Strontium	86-1	2007	2204	1943	2051	6.61	cps
Strontium	88-1	13706	13279	13573	13520	1.62	cps
Sulfur	34-1	90630	89828	89574	90011	0.61	cps
Terbium	159-1	3640184	3727817	3726558	3698186	1.36	cps
Terbium	159-2	2554442	2598155	2536698	2563098	1.23	cps
Thallium	203-1	4274	4574	4477	4442	3.45	cps
Thallium	205-1	10261	10211	10457	10310	1.27	cps
Tin	118-1	19817	19597	19360	19591	1.17	cps
Titanium	47-1	2854	2680	2690	2741	3.55	cps

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : CRI Instrumnet Name : P7
Client Sample ID : CRI Dilution Factor : 1
Date & Time Acquired : 2025-06-18 12:55:21 DataFile Name : 028LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	12309	11919	12126	12118	1.61	cps
Vanadium	51-2	7742	7522	7532	7599	1.64	cps
Yttrium	89-1	5324331	5297400	5267046	5296259	0.54	cps
Yttrium	89-2	1292618	1285278	1268343	1282080	0.97	cps
Zinc	66-2	2277	2340	2287	2301	1.48	cps
Zirconium	90-1	7869	8039	8066	7991	1.34	cps
Zirconium	91-1	1797	1833	1710	1780	3.56	cps

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : Q2289-01 Instrumnet Name : P7
Client Sample ID : SP-1 Dilution Factor : 1
Date & Time Acquired : 2025-06-18 12:59:16 DataFile Name : 029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5142375	5066005	5151485	5119955	0.92	cps
Antimony	121-1	3444	3434	3220	3366	3.75	cps
Arsenic	75-2	6451	6718	6685	6618	2.20	cps
Barium	135-1	480508	486472	480801	482594	0.70	cps
Barium	137-1	829724	835642	830360	831909	0.39	cps
Beryllium	9-1	747	673	787	736	7.81	cps
Bismuth	209-1	2271031	2237526	2232796	2247118	0.93	cps
Bismuth	209-2	1966428	1914392	1929294	1936705	1.38	cps
Bromine	81-1	47808	56561	62438	55602	13.24	cps
Bromine	81-2	8376	8392	8819	8529	2.95	cps
Cadmium	108-1	270	323	227	273	17.71	cps
Cadmium	106-1	1747	1720	1720	1729	0.89	cps
Cadmium	111-1	2284	2321	2369	2325	1.83	cps
Calcium	43-1	277527	279752	279556	278945	0.44	cps
Calcium	44-1	4653871	4702054	4726206	4694043	0.78	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	111845	111385	111972	111734	0.28	cps
Cobalt	59-2	132900	130643	131080	131541	0.91	cps
Copper	63-2	245049	242934	242365	243449	0.58	cps
Dysprosium	156-1	47203	46684	46845	46910	0.57	cps
Dysprosium	156-2	49153	48728	49005	48962	0.44	cps
Erbium	164-1	31779	32458	31228	31822	1.94	cps
Erbium	164-2	22966	22842	22682	22830	0.62	cps
Gadolinium	160-1	40071	41291	40147	40503	1.69	cps
Gadolinium	160-2	30336	30657	30209	30401	0.76	cps
Holmium	165-1	4009158	3964837	4069093	4014363	1.30	cps
Holmium	165-2	2862557	2853426	2847421	2854468	0.27	cps
Indium	115-1	3352780	3411177	3331710	3365222	1.22	cps
Indium	115-2	1111134	1097529	1099874	1102846	0.66	cps
Iron	56-2	160518734	162076468	162525194	161706799	0.65	cps
Iron	57-2	3933539	3942402	3978652	3951531	0.60	cps
Iron	54-2	8853297	8594721	8783819	8743945	1.53	cps
Krypton	83-1	317	343	353	338	5.61	cps

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : Q2289-01 Instrumnet Name : P7
Client Sample ID : SP-1 Dilution Factor : 1
Date & Time Acquired : 2025-06-18 12:59:16 DataFile Name : 029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	164136	162883	161993	163004	0.66	cps
Lead	207-1	137169	138627	135509	137102	1.14	cps
Lead	208-1	634476	642511	631941	636309	0.87	cps
Lithium	6-1	256104	251553	250777	252811	1.14	cps
Magnesium	24-2	4531764	4507248	4520989	4520000	0.27	cps
Manganese	55-2	2637172	2598898	2629434	2621835	0.77	cps
Molybdenum	94-1	20571	19984	19757	20104	2.09	cps
Molybdenum	95-1	14554	14204	14824	14527	2.14	cps
Molybdenum	96-1	21189	21312	21506	21336	0.75	cps
Molybdenum	97-1	9090	8586	8886	8854	2.86	cps
Molybdenum	98-1	22935	23045	23085	23022	0.34	cps
Neodymium	150-1	105935	107587	106882	106801	0.78	cps
Neodymium	150-2	65538	65793	65076	65469	0.55	cps
Nickel	60-2	46722	46980	46044	46582	1.04	cps
Phosphorus	31-2	8069	8242	7755	8022	3.08	cps
Potassium	39-2	6183381	6309388	6117151	6203307	1.57	cps
Rhodium	103-1	3037460	3058129	2972456	3022682	1.48	cps
Rhodium	103-2	1782539	1724535	1773941	1760338	1.78	cps
Scandium	45-1	1918278	1921852	1945606	1928579	0.77	cps
Scandium	45-2	155095	154927	155553	155192	0.21	cps
Sdium	23-2	25340792	25104762	25226826	25224127	0.47	cps
Selenium	82-1	309	232	286	276	14.38	cps
Selenium	77-2	160	123	170	151	16.26	cps
Selenium	78-2	763	780	817	787	3.47	cps
Silicon	28-1	121638658	121215562	121695525	121516582	0.22	cps
Silver	107-1	2150	2137	2257	2181	3.02	cps
Silver	109-1	2104	2337	2104	2181	6.18	cps
Strontium	86-1	129554	128822	128670	129015	0.37	cps
Strontium	88-1	1116918	1120764	1117615	1118432	0.18	cps
Sulfur	34-1	175423	170879	172334	172879	1.34	cps
Terbium	159-1	4301773	4244222	4237913	4261302	0.83	cps
Terbium	159-2	2896333	2936065	2841805	2891401	1.64	cps
Thallium	203-1	5821	6165	5568	5851	5.12	cps
Thallium	205-1	13740	14111	13260	13704	3.11	cps
Tin	118-1	8116	8329	8199	8215	1.31	cps
Titanium	47-1	3265483	3284015	3329990	3293163	1.01	cps

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : Q2289-01 Instrumnet Name : P7
Client Sample ID : SP-1 Dilution Factor : 1
Date & Time Acquired : 2025-06-18 12:59:16 DataFile Name : 029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	74444	74337	74232	74337	0.14	cps
Vanadium	51-2	272276	271414	273086	272258	0.31	cps
Yttrium	89-1	6474062	6343956	6471649	6429889	1.16	cps
Yttrium	89-2	1751505	1689929	1664211	1701882	2.64	cps
Zinc	66-2	165389	163257	161447	163364	1.21	cps
Zirconium	90-1	31541	31644	31992	31725	0.74	cps
Zirconium	91-1	7115	7215	7075	7135	1.01	cps

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : Q2289-02 Instrumnet Name : P7
Client Sample ID : SP-2 Dilution Factor : 1
Date & Time Acquired : 2025-06-18 13:02:30 DataFile Name : 030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1882239	1859375	1828516	1856710	1.45	cps
Antimony	121-1	3227	3187	3090	3168	2.22	cps
Arsenic	75-2	1373	1427	1260	1353	6.29	cps
Barium	135-1	143646	143385	139139	142057	1.78	cps
Barium	137-1	240910	244158	246202	243757	1.09	cps
Beryllium	9-1	350	323	313	329	5.76	cps
Bismuth	209-1	2233794	2212692	2193818	2213435	0.90	cps
Bismuth	209-2	1925451	1913024	1896267	1911581	0.77	cps
Bromine	81-1	33365	34798	35182	34448	2.78	cps
Bromine	81-2	2364	2334	2270	2322	2.05	cps
Cadmium	108-1	147	120	120	129	11.95	cps
Cadmium	106-1	1563	1390	1447	1467	6.03	cps
Cadmium	111-1	1638	1622	1592	1618	1.45	cps
Calcium	43-1	121980	121307	122073	121787	0.34	cps
Calcium	44-1	2129482	2172357	2046246	2116028	3.03	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	49672	50695	48498	49621	2.22	cps
Cobalt	59-2	36775	37230	36712	36905	0.77	cps
Copper	63-2	130722	131098	130712	130844	0.17	cps
Dysprosium	156-1	12936	12672	12723	12777	1.10	cps
Dysprosium	156-2	12149	11958	11618	11908	2.26	cps
Erbium	164-1	11475	12262	11475	11737	3.87	cps
Erbium	164-2	8413	8393	8419	8408	0.17	cps
Gadolinium	160-1	12406	11885	12336	12209	2.31	cps
Gadolinium	160-2	9810	9307	9283	9467	3.15	cps
Holmium	165-1	4052432	4023017	3802325	3959258	3.45	cps
Holmium	165-2	2791872	2781322	2788135	2787110	0.19	cps
Indium	115-1	3332252	3361119	3211277	3301549	2.41	cps
Indium	115-2	1083031	1078169	1062172	1074457	1.02	cps
Iron	56-2	46548394	47097903	46721928	46789408	0.60	cps
Iron	57-2	1099903	1104846	1089123	1097957	0.73	cps
Iron	54-2	2495282	2578041	2445885	2506403	2.66	cps
Krypton	83-1	363	347	327	346	5.31	cps

LB Number : LB136195 Operator : Jaswal
 Lab Sample ID : Q2289-02 Instrumnet Name : P7
 Client Sample ID : SP-2 Dilution Factor : 1
 Date & Time Acquired : 2025-06-18 13:02:30 DataFile Name : 030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	104519	104593	100273	103128	2.40	cps
Lead	207-1	83763	83767	86956	84829	2.17	cps
Lead	208-1	387681	388842	390205	388910	0.32	cps
Lithium	6-1	250193	243247	236048	243163	2.91	cps
Magnesium	24-2	1230754	1215114	1199660	1215176	1.28	cps
Manganese	55-2	751954	750001	741724	747893	0.73	cps
Molybdenum	94-1	8222	8209	8352	8261	0.96	cps
Molybdenum	95-1	7412	7385	7155	7317	1.93	cps
Molybdenum	96-1	9793	9256	9833	9628	3.35	cps
Molybdenum	97-1	4381	4457	4614	4484	2.65	cps
Molybdenum	98-1	11835	12128	11301	11755	3.57	cps
Neodymium	150-1	22902	23015	23016	22978	0.29	cps
Neodymium	150-2	14251	14521	13964	14245	1.96	cps
Nickel	60-2	17817	17267	17474	17519	1.59	cps
Phosphorus	31-2	3704	3630	3717	3684	1.27	cps
Potassium	39-2	1593396	1543787	1556004	1564396	1.65	cps
Rhodium	103-1	3028670	2927611	3040426	2998902	2.07	cps
Rhodium	103-2	1731137	1758492	1695421	1728350	1.83	cps
Scandium	45-1	1837978	1838427	1734749	1803718	3.31	cps
Scandium	45-2	144085	143103	142824	143337	0.46	cps
Sdium	23-2	8387977	8275535	8178600	8280704	1.27	cps
Selenium	82-1	151	187	193	177	12.65	cps
Selenium	77-2	43	63	30	46	36.83	cps
Selenium	78-2	603	590	603	599	1.29	cps
Silicon	28-1	46951969	46065324	46655654	46557649	0.97	cps
Silver	107-1	923	877	893	898	2.63	cps
Silver	109-1	750	853	837	813	6.82	cps
Strontium	86-1	49209	49305	49302	49272	0.11	cps
Strontium	88-1	419211	419992	423745	420983	0.58	cps
Sulfur	34-1	169250	167014	172634	169633	1.67	cps
Terbium	159-1	4072112	3952915	4163499	4062842	2.60	cps
Terbium	159-2	2757909	2807612	2784554	2783359	0.89	cps
Thallium	203-1	1477	1470	1293	1413	7.36	cps
Thallium	205-1	3220	3327	3354	3300	2.14	cps
Tin	118-1	17995	18188	18248	18144	0.73	cps
Titanium	47-1	790982	785430	792199	789537	0.46	cps

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : Q2289-02 Instrumnet Name : P7
Client Sample ID : SP-2 Dilution Factor : 1
Date & Time Acquired : 2025-06-18 13:02:30 DataFile Name : 030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	18279	18403	18947	18543	1.92	cps
Vanadium	51-2	73193	73394	73689	73426	0.34	cps
Yttrium	89-1	5928695	5889521	5914740	5910985	0.34	cps
Yttrium	89-2	1552434	1549563	1519999	1540666	1.17	cps
Zinc	66-2	67204	68493	66625	67440	1.42	cps
Zirconium	90-1	11331	11468	10941	11247	2.43	cps
Zirconium	91-1	2397	2614	2490	2500	4.35	cps

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : Q2289-03 Instrumnet Name : P7
Client Sample ID : SP-3 Dilution Factor : 1
Date & Time Acquired : 2025-06-18 13:05:42 DataFile Name : 031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10247940	9940404	10260441	10149595	1.79	cps
Antimony	121-1	4017	3941	3964	3974	0.99	cps
Arsenic	75-2	10560	10564	10644	10589	0.45	cps
Barium	135-1	868158	867427	863210	866265	0.31	cps
Barium	137-1	1641631	1619458	1641640	1634243	0.78	cps
Beryllium	9-1	1440	1457	1370	1422	3.23	cps
Bismuth	209-1	2188333	2082762	2150018	2140371	2.50	cps
Bismuth	209-2	1904196	1880422	1875062	1886560	0.82	cps
Bromine	81-1	35256	37504	39513	37424	5.69	cps
Bromine	81-2	3204	2964	3120	3096	3.94	cps
Cadmium	108-1	817	720	730	756	7.04	cps
Cadmium	106-1	2570	2594	2554	2572	0.78	cps
Cadmium	111-1	4128	3908	4070	4035	2.82	cps
Calcium	43-1	633862	633672	636462	634666	0.25	cps
Calcium	44-1	10861526	10822515	10774980	10819674	0.40	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	243900	245480	245279	244887	0.35	cps
Cobalt	59-2	246763	250837	249218	248939	0.82	cps
Copper	63-2	812046	821188	819082	817439	0.59	cps
Dysprosium	156-1	71143	70634	71237	71004	0.46	cps
Dysprosium	156-2	68275	67749	67907	67977	0.40	cps
Erbium	164-1	63333	62781	62804	62972	0.50	cps
Erbium	164-2	44538	45487	45032	45019	1.06	cps
Gadolinium	160-1	67532	67663	66882	67359	0.62	cps
Gadolinium	160-2	50768	50411	49915	50365	0.85	cps
Holmium	165-1	3902615	3826001	3837801	3855473	1.07	cps
Holmium	165-2	2789794	2809810	2752209	2783938	1.05	cps
Indium	115-1	3316097	3231576	3278875	3275516	1.29	cps
Indium	115-2	1064410	1064191	1064621	1064407	0.02	cps
Iron	56-2	299127169	301328636	295165382	298540396	1.05	cps
Iron	57-2	7369336	7364153	7329989	7354493	0.29	cps
Iron	54-2	16101028	16208873	16181749	16163883	0.35	cps
Krypton	83-1	373	453	443	423	10.30	cps

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : Q2289-03 Instrumnet Name : P7
Client Sample ID : SP-3 Dilution Factor : 1
Date & Time Acquired : 2025-06-18 13:05:42 DataFile Name : 031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	333933	330717	332215	332288	0.48	cps
Lead	207-1	276273	275748	279251	277091	0.68	cps
Lead	208-1	1287886	1285172	1294831	1289296	0.39	cps
Lithium	6-1	256626	250574	249442	252214	1.53	cps
Magnesium	24-2	9167346	9142765	9242275	9184129	0.56	cps
Manganese	55-2	4901334	4941110	4913808	4918750	0.41	cps
Molybdenum	94-1	39951	40767	40028	40249	1.12	cps
Molybdenum	95-1	16920	16957	16723	16867	0.74	cps
Molybdenum	96-1	31153	30268	30041	30487	1.93	cps
Molybdenum	97-1	10627	10474	10691	10597	1.05	cps
Molybdenum	98-1	27209	26664	26915	26929	1.01	cps
Neodymium	150-1	132880	131594	131504	131993	0.58	cps
Neodymium	150-2	81025	80207	79952	80394	0.70	cps
Nickel	60-2	97394	96159	94982	96178	1.25	cps
Phosphorus	31-2	14867	15314	15121	15101	1.48	cps
Potassium	39-2	7361223	7644107	7591455	7532262	2.00	cps
Rhodium	103-1	2973105	2967631	2834430	2925056	2.68	cps
Rhodium	103-2	1681010	1688230	1669615	1679618	0.56	cps
Scandium	45-1	1994094	2034693	2043437	2024075	1.30	cps
Scandium	45-2	161768	160491	159239	160499	0.79	cps
Sdium	23-2	22135216	21003263	21204986	21447822	2.82	cps
Selenium	82-1	343	312	273	309	11.35	cps
Selenium	77-2	210	240	200	217	9.61	cps
Selenium	78-2	753	797	840	797	5.44	cps
Silicon	28-1	151518331	152532508	152236074	152095638	0.34	cps
Silver	107-1	3754	3517	3771	3681	3.85	cps
Silver	109-1	3407	3507	3470	3462	1.46	cps
Strontium	86-1	229432	228942	228056	228810	0.30	cps
Strontium	88-1	2150807	2174459	2126245	2150504	1.12	cps
Sulfur	34-1	179633	174859	178886	177793	1.44	cps
Terbium	159-1	4109797	4102587	4024418	4078934	1.16	cps
Terbium	159-2	2855343	2822465	2772593	2816800	1.48	cps
Thallium	203-1	7912	8423	7916	8084	3.63	cps
Thallium	205-1	19321	19224	18980	19175	0.92	cps
Tin	118-1	11391	11858	11772	11674	2.13	cps
Titanium	47-1	5290756	5415746	5287271	5331258	1.37	cps

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : Q2289-03 Instrumnet Name : P7
Client Sample ID : SP-3 Dilution Factor : 1
Date & Time Acquired : 2025-06-18 13:05:42 DataFile Name : 031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	103466	102841	102539	102948	0.46	cps
Vanadium	51-2	485177	486881	488036	486698	0.30	cps
Yttrium	89-1	6807732	6774883	6650711	6744442	1.23	cps
Yttrium	89-2	1752436	1784166	1783467	1773356	1.02	cps
Zinc	66-2	371966	374538	370915	372473	0.50	cps
Zirconium	90-1	86001	83486	84247	84578	1.53	cps
Zirconium	91-1	18682	19026	18432	18713	1.59	cps

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : PB168510BL Instrumnet Name : P7
Client Sample ID : PB168510BL Dilution Factor : 1
Date & Time Acquired : 2025-06-18 13:08:55 DataFile Name : 032CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	443	493	457	464	5.57	cps
Antimony	121-1	30	23	47	33	36.07	cps
Arsenic	75-2	3	7	7	6	34.70	cps
Barium	135-1	33	27	27	29	13.31	cps
Barium	137-1	60	90	80	77	19.92	cps
Beryllium	9-1	23	7	13	14	58.06	cps
Bismuth	209-1	1930910	2030440	1961709	1974353	2.58	cps
Bismuth	209-2	1538548	1734302	1520882	1597911	7.41	cps
Bromine	81-1	26611	25549	25065	25741	3.07	cps
Bromine	81-2	320	240	283	281	14.25	cps
Cadmium	108-1	7	3	7	6	34.70	cps
Cadmium	106-1	1100	1123	1073	1099	2.28	cps
Cadmium	111-1	765	804	753	774	3.42	cps
Calcium	43-1	363	413	323	367	12.30	cps
Calcium	44-1	7679	7502	7485	7555	1.42	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1123	1267	1197	1196	5.99	cps
Cobalt	59-2	53	50	37	47	18.89	cps
Copper	63-2	1610	1743	1733	1696	4.38	cps
Dysprosium	156-1	7	0	3	3	100.05	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	27	33	30	30	11.10	cps
Erbium	164-2	10	33	7	17	87.16	cps
Gadolinium	160-1	13	10	20	14	35.26	cps
Gadolinium	160-2	153	173	143	157	9.75	cps
Holmium	165-1	3416109	3446609	3474174	3445631	0.84	cps
Holmium	165-2	2476741	2447956	2456839	2460512	0.60	cps
Indium	115-1	2916458	2931248	2960617	2936108	0.77	cps
Indium	115-2	977841	976151	974728	976240	0.16	cps
Iron	56-2	22060	21679	21619	21786	1.10	cps
Iron	57-2	1297	1290	1313	1300	0.92	cps
Iron	54-2	2374	2420	2444	2412	1.48	cps
Krypton	83-1	270	347	410	342	20.48	cps

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : PB168510BL Instrumnet Name : P7
Client Sample ID : PB168510BL Dilution Factor : 1
Date & Time Acquired : 2025-06-18 13:08:55 DataFile Name : 032CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	420	383	417	407	4.99	cps
Lead	207-1	423	377	413	404	6.07	cps
Lead	208-1	1827	1623	1653	1701	6.45	cps
Lithium	6-1	218507	217793	217462	217921	0.25	cps
Magnesium	24-2	387	270	247	301	24.91	cps
Manganese	55-2	1297	1347	1197	1280	5.97	cps
Molybdenum	94-1	190	203	220	204	7.35	cps
Molybdenum	95-1	173	220	200	198	11.84	cps
Molybdenum	96-1	260	287	297	281	6.74	cps
Molybdenum	97-1	143	137	153	144	5.81	cps
Molybdenum	98-1	327	310	283	307	7.13	cps
Neodymium	150-1	10	3	10	8	49.52	cps
Neodymium	150-2	17	0	3	7	132.33	cps
Nickel	60-2	323	300	313	312	3.75	cps
Phosphorus	31-2	400	480	470	450	9.69	cps
Potassium	39-2	45123	44408	44602	44711	0.83	cps
Rhodium	103-1	2682595	2705527	2719212	2702445	0.68	cps
Rhodium	103-2	1575444	1577300	1523237	1558660	1.97	cps
Scandium	45-1	1547901	1557964	1553788	1553218	0.33	cps
Scandium	45-2	124322	123818	123717	123952	0.26	cps
Sdium	23-2	14093	14043	14320	14152	1.04	cps
Selenium	82-1	163	50	48	87	76.00	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	477	507	437	473	7.42	cps
Silicon	28-1	721702	719089	721259	720683	0.19	cps
Silver	107-1	107	87	90	94	11.35	cps
Silver	109-1	80	113	77	90	22.53	cps
Strontium	86-1	483	583	500	522	10.26	cps
Strontium	88-1	150	110	177	146	23.05	cps
Sulfur	34-1	66283	64462	64646	65130	1.54	cps
Terbium	159-1	3554955	3656595	3623247	3611599	1.43	cps
Terbium	159-2	2481061	2509316	2508157	2499511	0.64	cps
Thallium	203-1	167	207	257	210	21.47	cps
Thallium	205-1	387	447	430	421	7.35	cps
Tin	118-1	780	827	750	786	4.92	cps
Titanium	47-1	137	140	137	138	1.40	cps

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : PB168510BL Instrumnet Name : P7
Client Sample ID : PB168510BL Dilution Factor : 1
Date & Time Acquired : 2025-06-18 13:08:55 DataFile Name : 032CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	13	27	20	20	33.35	cps
Vanadium	51-2	17	23	10	17	39.99	cps
Yttrium	89-1	5309757	5271170	5198969	5259965	1.07	cps
Yttrium	89-2	1272104	1281733	1263745	1272527	0.71	cps
Zinc	66-2	550	537	533	540	1.63	cps
Zirconium	90-1	280	253	267	267	5.00	cps
Zirconium	91-1	57	60	63	60	5.55	cps

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : CCV2 Instrumnet Name : P7
Client Sample ID : CCV2 Dilution Factor : 1
Date & Time Acquired : 2025-06-18 13:12:15 DataFile Name : 033CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5099723	5048179	5101207	5083036	0.59	cps
Antimony	121-1	2292406	2347302	2253849	2297852	2.04	cps
Arsenic	75-2	115627	114407	115549	115194	0.59	cps
Barium	135-1	3126096	3104926	3117160	3116060	0.34	cps
Barium	137-1	5260227	5203607	5329523	5264452	1.20	cps
Beryllium	9-1	204375	209611	211482	208489	1.77	cps
Bismuth	209-1	1919638	1895474	1934262	1916458	1.02	cps
Bismuth	209-2	1466302	1459713	1454052	1460023	0.42	cps
Bromine	81-1	25596	24090	24203	24630	3.41	cps
Bromine	81-2	187	230	167	194	16.65	cps
Cadmium	108-1	41312	41907	41416	41545	0.77	cps
Cadmium	106-1	59434	59341	60117	59631	0.71	cps
Cadmium	111-1	571586	566855	567981	568808	0.43	cps
Calcium	43-1	3248336	3357508	3319726	3308523	1.68	cps
Calcium	44-1	52918049	55365533	54989618	54424400	2.42	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	854343	849570	847498	850470	0.41	cps
Cobalt	59-2	1326861	1321690	1315110	1321220	0.45	cps
Copper	63-2	9992315	10042305	9863360	9965994	0.93	cps
Dysprosium	156-1	117	123	147	129	12.22	cps
Dysprosium	156-2	237	253	237	242	3.97	cps
Erbium	164-1	230	327	270	276	17.63	cps
Erbium	164-2	157	180	163	167	7.21	cps
Gadolinium	160-1	173	177	157	169	6.34	cps
Gadolinium	160-2	187	183	213	194	8.46	cps
Holmium	165-1	3452919	3497431	3497355	3482569	0.74	cps
Holmium	165-2	2559150	2489571	2451501	2500074	2.18	cps
Indium	115-1	2880969	2866107	2853560	2866879	0.48	cps
Indium	115-2	941518	935324	936268	937703	0.36	cps
Iron	56-2	234649850	228949903	232429263	232009672	1.24	cps
Iron	57-2	5807798	5721836	5827089	5785574	0.97	cps
Iron	54-2	12596379	12677023	12330958	12534787	1.44	cps
Krypton	83-1	367	340	357	354	3.80	cps

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : CCV2 Instrumnet Name : P7
Client Sample ID : CCV2 Dilution Factor : 1
Date & Time Acquired : 2025-06-18 13:12:15 DataFile Name : 033CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	8495682	8517176	8656527	8556462	1.02	cps
Lead	207-1	7618434	7591612	7649748	7619931	0.38	cps
Lead	208-1	34481500	34781214	34868094	34710269	0.58	cps
Lithium	6-1	218647	224074	228233	223651	2.15	cps
Magnesium	24-2	42922118	43790138	43437289	43383182	1.01	cps
Manganese	55-2	7584534	7493050	7454373	7510653	0.89	cps
Molybdenum	94-1	8212669	8251161	8479926	8314586	1.74	cps
Molybdenum	95-1	12142039	12013116	12173361	12109506	0.70	cps
Molybdenum	96-1	12959604	13027894	12949675	12979058	0.33	cps
Molybdenum	97-1	7438000	7480442	7275620	7398021	1.46	cps
Molybdenum	98-1	19372728	19228552	19612713	19404664	1.00	cps
Neodymium	150-1	200	197	180	192	5.57	cps
Neodymium	150-2	47	73	67	62	22.30	cps
Nickel	60-2	339847	335230	334956	336678	0.82	cps
Phosphorus	31-2	52724	52145	52142	52337	0.64	cps
Potassium	39-2	28692598	27966650	28400724	28353324	1.29	cps
Rhodium	103-1	2646962	2527778	2575308	2583349	2.32	cps
Rhodium	103-2	1519959	1365325	1365735	1417007	6.29	cps
Scandium	45-1	1567171	1586119	1611274	1588188	1.39	cps
Scandium	45-2	127673	128862	128978	128504	0.56	cps
Sdium	23-2	70009367	67668934	67402021	68360107	2.10	cps
Selenium	82-1	42467	41993	41973	42144	0.66	cps
Selenium	77-2	4327	4341	4394	4354	0.81	cps
Selenium	78-2	15128	15585	15685	15466	1.92	cps
Silicon	28-1	4427584	4475299	4528827	4477237	1.13	cps
Silver	107-1	3079849	3096800	3050167	3075605	0.77	cps
Silver	109-1	2953972	2981249	2988308	2974510	0.61	cps
Strontium	86-1	757596	754516	757183	756432	0.22	cps
Strontium	88-1	7069555	7171513	7080862	7107310	0.79	cps
Sulfur	34-1	262282	266681	268437	265800	1.19	cps
Terbium	159-1	3677663	3604996	3559481	3614047	1.65	cps
Terbium	159-2	2558554	2523666	2527418	2536546	0.76	cps
Thallium	203-1	2146176	2135726	2141893	2141265	0.25	cps
Thallium	205-1	4998731	5036346	5080540	5038539	0.81	cps
Tin	118-1	2040238	2056223	2032568	2043010	0.59	cps
Titanium	47-1	2946476	2902272	2907940	2918896	0.82	cps

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : CCV2 Instrumnet Name : P7
Client Sample ID : CCV2 Dilution Factor : 1
Date & Time Acquired : 2025-06-18 13:12:15 DataFile Name : 033CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	6605627	6806262	6998140	6803343	2.88	cps
Vanadium	51-2	749108	752793	749451	750451	0.27	cps
Yttrium	89-1	5257574	5176651	5307654	5247293	1.26	cps
Yttrium	89-2	1384053	1286382	1274895	1315110	4.56	cps
Zinc	66-2	1811056	1800193	1780093	1797114	0.87	cps
Zirconium	90-1	4144341	4260085	4240623	4215016	1.47	cps
Zirconium	91-1	866813	870336	869321	868823	0.21	cps

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : CCB2 Instrumnet Name : P7
Client Sample ID : CCB2 Dilution Factor : 1
Date & Time Acquired : 2025-06-18 13:15:09 DataFile Name : 034CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	483	550	443	492	10.95	cps
Antimony	121-1	490	487	540	506	5.91	cps
Arsenic	75-2	3	3	3	3	0.00	cps
Barium	135-1	57	63	40	53	22.53	cps
Barium	137-1	130	113	110	118	9.10	cps
Beryllium	9-1	30	20	13	21	39.75	cps
Bismuth	209-1	1984292	2009999	1974681	1989657	0.92	cps
Bismuth	209-2	1534048	1518684	1520700	1524477	0.55	cps
Bromine	81-1	23389	23031	22918	23113	1.06	cps
Bromine	81-2	200	113	147	153	28.51	cps
Cadmium	108-1	10	17	3	10	66.70	cps
Cadmium	106-1	1247	1177	1263	1229	3.74	cps
Cadmium	111-1	899	852	909	887	3.42	cps
Calcium	43-1	357	377	367	367	2.73	cps
Calcium	44-1	7198	7028	6835	7021	2.59	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1163	1093	1193	1150	4.46	cps
Cobalt	59-2	57	70	47	58	20.26	cps
Copper	63-2	1860	1673	1747	1760	5.34	cps
Dysprosium	156-1	0	7	7	4	86.60	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Erbium	164-1	37	27	13	26	45.82	cps
Erbium	164-2	23	43	13	27	57.29	cps
Gadolinium	160-1	10	17	3	10	66.70	cps
Gadolinium	160-2	113	140	147	133	13.23	cps
Holmium	165-1	3345290	3420627	3420055	3395324	1.28	cps
Holmium	165-2	2463054	2440951	2420256	2441420	0.88	cps
Indium	115-1	2897264	2908975	2880158	2895465	0.50	cps
Indium	115-2	967899	960886	963037	963941	0.37	cps
Iron	56-2	21702	21302	21492	21499	0.93	cps
Iron	57-2	1240	1250	1193	1228	2.46	cps
Iron	54-2	2494	2364	2327	2395	3.66	cps
Krypton	83-1	307	263	347	306	13.64	cps

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : CCB2 Instrumnet Name : P7
Client Sample ID : CCB2 Dilution Factor : 1
Date & Time Acquired : 2025-06-18 13:15:09 DataFile Name : 034CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	563	533	573	557	3.74	cps
Lead	207-1	513	480	477	490	4.14	cps
Lead	208-1	2407	2253	2293	2318	3.43	cps
Lithium	6-1	228797	228729	228391	228639	0.10	cps
Magnesium	24-2	717	773	610	700	11.85	cps
Manganese	55-2	1270	1197	1187	1218	3.74	cps
Molybdenum	94-1	520	607	480	536	12.09	cps
Molybdenum	95-1	473	470	477	473	0.70	cps
Molybdenum	96-1	647	557	680	628	10.16	cps
Molybdenum	97-1	357	333	293	328	9.77	cps
Molybdenum	98-1	863	803	847	838	3.70	cps
Neodymium	150-1	3	7	7	6	34.70	cps
Neodymium	150-2	7	0	3	3	100.05	cps
Nickel	60-2	333	283	343	320	10.05	cps
Phosphorus	31-2	440	460	560	487	13.21	cps
Potassium	39-2	45524	45715	46317	45852	0.90	cps
Rhodium	103-1	2665524	2629873	2690420	2661939	1.14	cps
Rhodium	103-2	1434645	1428026	1554492	1472387	4.83	cps
Scandium	45-1	1510171	1575759	1566808	1550913	2.29	cps
Scandium	45-2	124134	123069	124183	123795	0.51	cps
Sdium	23-2	16159	16179	16045	16127	0.45	cps
Selenium	82-1	125	169	103	132	25.36	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	460	467	563	497	11.64	cps
Silicon	28-1	710424	708704	707498	708876	0.21	cps
Silver	107-1	297	220	150	222	33.01	cps
Silver	109-1	263	200	243	236	13.75	cps
Strontium	86-1	480	563	550	531	8.43	cps
Strontium	88-1	213	173	160	182	15.23	cps
Sulfur	34-1	96180	96415	96009	96201	0.21	cps
Terbium	159-1	3543333	3523955	3514904	3527397	0.41	cps
Terbium	159-2	2489548	2471091	2508435	2489691	0.75	cps
Thallium	203-1	277	300	307	294	5.35	cps
Thallium	205-1	740	870	787	799	8.24	cps
Tin	118-1	930	913	853	899	4.49	cps
Titanium	47-1	140	160	137	146	8.67	cps

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : CCB2 Instrumnet Name : P7
Client Sample ID : CCB2 Dilution Factor : 1
Date & Time Acquired : 2025-06-18 13:15:09 DataFile Name : 034CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	107	93	93	98	7.88	cps
Vanadium	51-2	17	10	13	13	25.01	cps
Yttrium	89-1	4994770	5139923	5073133	5069275	1.43	cps
Yttrium	89-2	1263289	1254969	1332569	1283609	3.32	cps
Zinc	66-2	533	447	487	489	8.87	cps
Zirconium	90-1	473	523	570	522	9.26	cps
Zirconium	91-1	90	100	130	107	19.52	cps

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : PB168510BS Instrumnet Name : P7
Client Sample ID : PB168510BS Dilution Factor : 1
Date & Time Acquired : 2025-06-18 13:18:30 DataFile Name : 035LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	855952	865901	867352	863068	0.72	cps
Antimony	121-1	2264740	2267856	2186230	2239608	2.07	cps
Arsenic	75-2	116553	115307	116691	116184	0.66	cps
Barium	135-1	3062917	3038227	3105313	3068819	1.11	cps
Barium	137-1	5088193	5141883	5038593	5089556	1.01	cps
Beryllium	9-1	210461	207212	208036	208569	0.81	cps
Bismuth	209-1	2064663	2078602	2042548	2061938	0.88	cps
Bismuth	209-2	1547580	1521697	1515981	1528419	1.10	cps
Bromine	81-1	23432	23492	23519	23481	0.19	cps
Bromine	81-2	147	173	167	162	8.56	cps
Cadmium	108-1	40730	41135	41295	41054	0.71	cps
Cadmium	106-1	59662	59789	59993	59815	0.28	cps
Cadmium	111-1	577531	588151	585984	583889	0.96	cps
Calcium	43-1	576485	584380	585854	582240	0.87	cps
Calcium	44-1	9831122	9900270	10074928	9935440	1.26	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	840722	833185	827841	833916	0.78	cps
Cobalt	59-2	1306097	1314827	1402790	1341238	3.99	cps
Copper	63-2	10180425	10088060	9966946	10078477	1.06	cps
Dysprosium	156-1	40	77	40	52	40.54	cps
Dysprosium	156-2	147	127	153	142	9.76	cps
Erbium	164-1	60	63	80	68	15.81	cps
Erbium	164-2	47	57	43	49	14.20	cps
Gadolinium	160-1	50	60	47	52	13.28	cps
Gadolinium	160-2	200	183	140	174	17.75	cps
Holmium	165-1	3557404	3503360	3514607	3525124	0.81	cps
Holmium	165-2	2529260	2534845	2467229	2510445	1.49	cps
Indium	115-1	2901589	2939548	2870092	2903743	1.20	cps
Indium	115-2	966308	961176	961329	962937	0.30	cps
Iron	56-2	43313954	42510090	43036143	42953396	0.95	cps
Iron	57-2	1026029	1025043	1020237	1023770	0.30	cps
Iron	54-2	2357072	2364709	2406894	2376225	1.13	cps
Krypton	83-1	300	367	280	316	14.38	cps

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : PB168510BS Instrumnet Name : P7
Client Sample ID : PB168510BS Dilution Factor : 1
Date & Time Acquired : 2025-06-18 13:18:30 DataFile Name : 035LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	8596074	8686461	8829613	8704049	1.35	cps
Lead	207-1	7491960	7734624	7954578	7727054	2.99	cps
Lead	208-1	34522932	35153358	35624753	35100347	1.57	cps
Lithium	6-1	232957	232899	233867	233241	0.23	cps
Magnesium	24-2	8084638	8028461	8222147	8111749	1.23	cps
Manganese	55-2	7461539	7313672	7344842	7373351	1.06	cps
Molybdenum	94-1	7884394	8006596	7932893	7941294	0.77	cps
Molybdenum	95-1	11448890	11519039	11498372	11488767	0.31	cps
Molybdenum	96-1	12416564	12594355	12523964	12511628	0.72	cps
Molybdenum	97-1	7080793	7097484	7146343	7108207	0.48	cps
Molybdenum	98-1	18585556	18685277	18550321	18607051	0.38	cps
Neodymium	150-1	107	140	147	131	16.34	cps
Neodymium	150-2	27	30	37	31	16.37	cps
Nickel	60-2	343174	340456	338668	340766	0.67	cps
Phosphorus	31-2	50059	49814	51523	50465	1.83	cps
Potassium	39-2	5271928	5327738	5245933	5281866	0.79	cps
Rhodium	103-1	2714194	2665559	2677349	2685701	0.94	cps
Rhodium	103-2	1580583	1529486	1431179	1513749	5.02	cps
Scandium	45-1	1575123	1589011	1580507	1581547	0.44	cps
Scandium	45-2	127965	127253	128494	127904	0.49	cps
Sdium	23-2	12649658	12856629	12630683	12712323	0.99	cps
Selenium	82-1	42868	43426	43088	43127	0.65	cps
Selenium	77-2	4324	4521	4651	4499	3.66	cps
Selenium	78-2	16142	15328	15602	15691	2.64	cps
Silicon	28-1	4874686	5004753	5165043	5014827	2.90	cps
Silver	107-1	2978401	2968304	2961469	2969391	0.29	cps
Silver	109-1	2885172	2814578	2916994	2872248	1.82	cps
Strontium	86-1	715425	723255	718470	719050	0.55	cps
Strontium	88-1	6808670	6890382	6968201	6889084	1.16	cps
Sulfur	34-1	252338	245583	245960	247960	1.53	cps
Terbium	159-1	3698900	3629181	3692873	3673651	1.05	cps
Terbium	159-2	2561971	2518784	2519442	2533399	0.98	cps
Thallium	203-1	2156119	2119600	2161181	2145633	1.06	cps
Thallium	205-1	5066856	5083452	5109541	5086617	0.42	cps
Tin	118-1	1998669	2025977	1970664	1998437	1.38	cps
Titanium	47-1	2803550	2877733	2791337	2824207	1.66	cps

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : PB168510BS Instrumnet Name : P7
Client Sample ID : PB168510BS Dilution Factor : 1
Date & Time Acquired : 2025-06-18 13:18:30 DataFile Name : 035LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	6633464	6619176	6691379	6648006	0.58	cps
Vanadium	51-2	720081	719798	721337	720406	0.11	cps
Yttrium	89-1	5291760	5293846	5187622	5257743	1.16	cps
Yttrium	89-2	1299335	1291414	1284681	1291810	0.57	cps
Zinc	66-2	1875098	1882351	1898547	1885332	0.64	cps
Zirconium	90-1	4001277	4056497	4047449	4035075	0.73	cps
Zirconium	91-1	831465	835913	836161	834513	0.32	cps

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : Q2289-02DUP Instrumnet Name : P7
Client Sample ID : SP-2DUP Dilution Factor : 1
Date & Time Acquired : 2025-06-18 13:21:23 DataFile Name : 036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1870432	1873537	1809914	1851294	1.94	cps
Antimony	121-1	3590	3584	3584	3586	0.11	cps
Arsenic	75-2	1323	1390	1423	1379	3.69	cps
Barium	135-1	140246	138489	141263	140000	1.00	cps
Barium	137-1	235910	243125	236710	238582	1.66	cps
Beryllium	9-1	363	363	303	343	10.09	cps
Bismuth	209-1	2275728	2217022	2258130	2250293	1.34	cps
Bismuth	209-2	1963474	1941561	1909349	1938128	1.40	cps
Bromine	81-1	27302	29450	30348	29033	5.39	cps
Bromine	81-2	1683	1713	1697	1698	0.89	cps
Cadmium	108-1	127	157	190	158	20.08	cps
Cadmium	106-1	1523	1667	1507	1566	5.62	cps
Cadmium	111-1	1671	1797	1595	1688	6.05	cps
Calcium	43-1	120095	121536	120323	120651	0.64	cps
Calcium	44-1	2152405	2054526	2091930	2099620	2.35	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	47565	47943	48157	47888	0.63	cps
Cobalt	59-2	36053	36287	35622	35988	0.94	cps
Copper	63-2	129829	127891	127801	128507	0.89	cps
Dysprosium	156-1	13063	13136	12662	12954	1.97	cps
Dysprosium	156-2	11972	11518	12009	11833	2.31	cps
Erbium	164-1	11772	11468	11648	11629	1.31	cps
Erbium	164-2	8289	8283	8523	8365	1.64	cps
Gadolinium	160-1	11822	12182	12209	12071	1.79	cps
Gadolinium	160-2	9096	9276	9006	9126	1.51	cps
Holmium	165-1	4019910	3853090	3900233	3924411	2.19	cps
Holmium	165-2	2742060	2784361	2747550	2757990	0.83	cps
Indium	115-1	3306126	3238083	3308030	3284080	1.21	cps
Indium	115-2	1078760	1068728	1066793	1071427	0.60	cps
Iron	56-2	46356506	45515618	44832586	45568237	1.68	cps
Iron	57-2	1080740	1061469	1068489	1070233	0.91	cps
Iron	54-2	2481408	2455835	2488040	2475094	0.69	cps
Krypton	83-1	347	350	297	331	9.02	cps

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : Q2289-02DUP Instrumnet Name : P7
Client Sample ID : SP-2DUP Dilution Factor : 1
Date & Time Acquired : 2025-06-18 13:21:23 DataFile Name : 036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	110919	107508	109404	109277	1.56	cps
Lead	207-1	88415	92563	87976	89652	2.82	cps
Lead	208-1	417210	419074	411372	415885	0.97	cps
Lithium	6-1	260323	248263	252730	253772	2.40	cps
Magnesium	24-2	1191154	1206674	1183388	1193739	0.99	cps
Manganese	55-2	736909	734501	735635	735682	0.16	cps
Molybdenum	94-1	8242	8286	8309	8279	0.41	cps
Molybdenum	95-1	7512	7515	7675	7568	1.23	cps
Molybdenum	96-1	9787	10137	9620	9848	2.68	cps
Molybdenum	97-1	4644	4824	4324	4597	5.51	cps
Molybdenum	98-1	12155	11912	11905	11991	1.19	cps
Neodymium	150-1	23022	23012	21780	22605	3.16	cps
Neodymium	150-2	14084	14077	13797	13986	1.17	cps
Nickel	60-2	16870	16926	16769	16855	0.47	cps
Phosphorus	31-2	3774	3677	3804	3752	1.76	cps
Potassium	39-2	1568567	1562318	1504001	1544962	2.30	cps
Rhodium	103-1	2994107	3101763	2946928	3014266	2.63	cps
Rhodium	103-2	1720437	1753406	1702626	1725490	1.49	cps
Scandium	45-1	1837502	1753908	1784094	1791835	2.36	cps
Scandium	45-2	142773	143221	141887	142627	0.48	cps
Sdium	23-2	8087757	8070578	8178783	8112373	0.72	cps
Selenium	82-1	178	117	181	159	22.92	cps
Selenium	77-2	50	40	53	48	14.52	cps
Selenium	78-2	633	580	570	594	5.73	cps
Silicon	28-1	46624561	46706274	46140163	46490333	0.66	cps
Silver	107-1	967	970	937	958	1.92	cps
Silver	109-1	967	873	923	921	5.07	cps
Strontium	86-1	48098	49814	48185	48699	1.98	cps
Strontium	88-1	415266	421339	415796	417467	0.81	cps
Sulfur	34-1	174447	176157	171677	174094	1.30	cps
Terbium	159-1	4061484	4216375	4014128	4097329	2.58	cps
Terbium	159-2	2831665	2759881	2811161	2800902	1.32	cps
Thallium	203-1	1590	1697	1490	1592	6.49	cps
Thallium	205-1	3544	3581	3621	3582	1.07	cps
Tin	118-1	5861	6088	5654	5868	3.70	cps
Titanium	47-1	771013	785395	776335	777581	0.94	cps

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : Q2289-02DUP Instrumnet Name : P7
Client Sample ID : SP-2DUP Dilution Factor : 1
Date & Time Acquired : 2025-06-18 13:21:23 DataFile Name : 036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	18149	18620	18630	18466	1.49	cps
Vanadium	51-2	72506	71328	72517	72117	0.95	cps
Yttrium	89-1	6012797	6013482	5980209	6002163	0.32	cps
Yttrium	89-2	1580606	1539149	1525511	1548422	1.85	cps
Zinc	66-2	67271	67793	66454	67172	1.01	cps
Zirconium	90-1	11642	11031	11104	11259	2.96	cps
Zirconium	91-1	2310	2650	2510	2490	6.86	cps

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : Q2289-02LX5 Instrumnet Name : P7
Client Sample ID : SP-2L Dilution Factor : 5
Date & Time Acquired : 2025-06-18 13:24:35 DataFile Name : 037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	313030	311444	309540	311338	0.56	cps
Antimony	121-1	723	727	770	740	3.52	cps
Arsenic	75-2	273	273	280	276	1.40	cps
Barium	135-1	24942	25035	24902	24960	0.27	cps
Barium	137-1	42487	44461	42667	43205	2.53	cps
Beryllium	9-1	70	60	63	64	7.90	cps
Bismuth	209-1	1960739	1974136	1964846	1966574	0.35	cps
Bismuth	209-2	1594415	1549462	1546231	1563370	1.72	cps
Bromine	81-1	25599	25402	25619	25540	0.47	cps
Bromine	81-2	463	513	560	512	9.44	cps
Cadmium	108-1	40	23	23	29	33.32	cps
Cadmium	106-1	1290	1127	1140	1186	7.65	cps
Cadmium	111-1	988	899	938	942	4.75	cps
Calcium	43-1	22009	22113	22423	22182	0.97	cps
Calcium	44-1	365295	367552	365893	366247	0.32	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	9833	9783	9977	9864	1.02	cps
Cobalt	59-2	6758	6735	7008	6834	2.22	cps
Copper	63-2	24680	24500	25188	24790	1.44	cps
Dysprosium	156-1	2147	2400	2364	2304	5.94	cps
Dysprosium	156-2	2114	1880	2010	2001	5.84	cps
Erbium	164-1	2004	2170	2110	2095	4.03	cps
Erbium	164-2	1467	1443	1407	1439	2.10	cps
Gadolinium	160-1	2184	2124	2040	2116	3.40	cps
Gadolinium	160-2	1840	1820	1673	1778	5.12	cps
Holmium	165-1	3455226	3437650	3365382	3419419	1.39	cps
Holmium	165-2	2605283	2495137	2514047	2538156	2.32	cps
Indium	115-1	3082056	2983466	3027900	3031141	1.63	cps
Indium	115-2	997969	987337	989365	991557	0.57	cps
Iron	56-2	8395028	8492491	8311503	8399674	1.08	cps
Iron	57-2	197894	200997	198670	199187	0.81	cps
Iron	54-2	436726	434444	430490	433886	0.73	cps
Krypton	83-1	300	377	327	334	11.64	cps

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : Q2289-02LX5 Instrumnet Name : P7
Client Sample ID : SP-2L Dilution Factor : 5
Date & Time Acquired : 2025-06-18 13:24:35 DataFile Name : 037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	18586	18045	18232	18288	1.50	cps
Lead	207-1	14912	14992	14655	14853	1.19	cps
Lead	208-1	69740	69560	69613	69638	0.13	cps
Lithium	6-1	226481	230765	224537	227261	1.40	cps
Magnesium	24-2	199341	201129	199975	200149	0.45	cps
Manganese	55-2	136140	136806	134730	135892	0.78	cps
Molybdenum	94-1	1433	1690	1730	1618	9.95	cps
Molybdenum	95-1	1517	1577	1637	1577	3.81	cps
Molybdenum	96-1	2064	1983	2040	2029	2.03	cps
Molybdenum	97-1	970	893	963	942	4.51	cps
Molybdenum	98-1	2450	2387	2457	2431	1.59	cps
Neodymium	150-1	4111	4354	4057	4174	3.79	cps
Neodymium	150-2	2487	2644	2490	2540	3.52	cps
Nickel	60-2	3367	3404	3397	3389	0.58	cps
Phosphorus	31-2	960	983	1080	1008	6.31	cps
Potassium	39-2	307434	306046	306242	306574	0.25	cps
Rhodium	103-1	2780549	2768934	2699877	2749787	1.59	cps
Rhodium	103-2	1632504	1600949	1605450	1612968	1.06	cps
Scandium	45-1	1569443	1572734	1534994	1559057	1.34	cps
Scandium	45-2	126618	126647	129209	127492	1.17	cps
Sdium	23-2	1533173	1501281	1496018	1510157	1.33	cps
Selenium	82-1	170	76	92	113	44.63	cps
Selenium	77-2	20	3	7	10	88.20	cps
Selenium	78-2	573	520	537	543	5.02	cps
Silicon	28-1	9265047	9372489	9265833	9301123	0.66	cps
Silver	107-1	230	270	240	247	8.44	cps
Silver	109-1	253	210	187	217	15.61	cps
Strontium	86-1	9193	9236	9050	9160	1.07	cps
Strontium	88-1	74535	75171	75104	74937	0.47	cps
Sulfur	34-1	91049	90814	89909	90591	0.66	cps
Terbium	159-1	3708889	3641837	3598912	3649879	1.52	cps
Terbium	159-2	2586081	2570872	2506166	2554373	1.66	cps
Thallium	203-1	427	383	490	433	12.38	cps
Thallium	205-1	1017	990	1033	1013	2.16	cps
Tin	118-1	4027	4147	4087	4087	1.47	cps
Titanium	47-1	140644	139789	141270	140568	0.53	cps

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : Q2289-02LX5 Instrumnet Name : P7
Client Sample ID : SP-2L Dilution Factor : 5
Date & Time Acquired : 2025-06-18 13:24:35 DataFile Name : 037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	3234	3290	3144	3223	2.30	cps
Vanadium	51-2	13039	13289	13196	13175	0.96	cps
Yttrium	89-1	5227937	5246733	5304899	5259857	0.76	cps
Yttrium	89-2	1311358	1313322	1300447	1308375	0.53	cps
Zinc	66-2	13079	12295	12939	12771	3.27	cps
Zirconium	90-1	2217	2264	2287	2256	1.58	cps
Zirconium	91-1	413	503	490	469	10.36	cps

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : Q2289-02MS Instrumnet Name : P7
Client Sample ID : SP-2MS Dilution Factor : 1
Date & Time Acquired : 2025-06-18 13:27:56 DataFile Name : 038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2783233	2719174	2700967	2734458	1.58	cps
Antimony	121-1	2583575	2555923	2575214	2571571	0.55	cps
Arsenic	75-2	1380	1180	1293	1285	7.81	cps
Barium	135-1	3225425	3232095	3197548	3218356	0.57	cps
Barium	137-1	5400110	5402615	5384688	5395804	0.18	cps
Beryllium	9-1	239529	243072	237538	240047	1.17	cps
Bismuth	209-1	2209110	2231961	2213040	2218037	0.55	cps
Bismuth	209-2	1879045	1844533	1862543	1862041	0.93	cps
Bromine	81-1	29790	31838	33067	31565	5.24	cps
Bromine	81-2	1980	1990	1860	1943	3.72	cps
Cadmium	108-1	45755	46113	44548	45472	1.80	cps
Cadmium	106-1	67134	67797	66970	67301	0.65	cps
Cadmium	111-1	646293	655052	650754	650699	0.67	cps
Calcium	43-1	786351	789914	785668	787311	0.29	cps
Calcium	44-1	13512160	13398950	13469732	13460280	0.42	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	944622	938567	935707	939632	0.48	cps
Cobalt	59-2	1647696	1643193	1668815	1653235	0.83	cps
Copper	63-2	11088146	11174098	11020035	11094093	0.70	cps
Dysprosium	156-1	12135	11919	11952	12002	0.97	cps
Dysprosium	156-2	11431	11098	11538	11356	2.02	cps
Erbium	164-1	10958	10821	11341	11040	2.44	cps
Erbium	164-2	8036	7902	7759	7899	1.75	cps
Gadolinium	160-1	11778	11375	11898	11684	2.35	cps
Gadolinium	160-2	8940	8559	8766	8755	2.17	cps
Holmium	165-1	3808139	3878177	3781337	3822551	1.31	cps
Holmium	165-2	2777346	2749151	2682317	2736271	1.78	cps
Indium	115-1	3214428	3190121	3118009	3174186	1.58	cps
Indium	115-2	1047205	1044468	1026316	1039330	1.09	cps
Iron	56-2	83253749	84824867	84238675	84105764	0.94	cps
Iron	57-2	2057133	2114528	2048760	2073474	1.73	cps
Iron	54-2	4666451	4570183	4574884	4603839	1.18	cps
Krypton	83-1	253	340	387	327	20.71	cps

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : Q2289-02MS Instrumnet Name : P7
Client Sample ID : SP-2MS Dilution Factor : 1
Date & Time Acquired : 2025-06-18 13:27:56 DataFile Name : 038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	9349123	9276575	9527410	9384369	1.38	cps
Lead	207-1	8342058	8483538	8587345	8470981	1.45	cps
Lead	208-1	37886206	37986535	38532060	38134934	0.91	cps
Lithium	6-1	245855	251615	251635	249701	1.33	cps
Magnesium	24-2	10476532	10343851	10201099	10340494	1.33	cps
Manganese	55-2	8742493	8655574	8657896	8685321	0.57	cps
Molybdenum	94-1	4283842	4282357	4306287	4290829	0.31	cps
Molybdenum	95-1	4663578	4743446	4624914	4677313	1.29	cps
Molybdenum	96-1	5237759	5321263	5162411	5240477	1.52	cps
Molybdenum	97-1	2918267	2869310	2921878	2903151	1.01	cps
Molybdenum	98-1	7406492	7575269	7480938	7487566	1.13	cps
Neodymium	150-1	22111	22044	21750	21968	0.87	cps
Neodymium	150-2	13493	13226	13373	13364	1.00	cps
Nickel	60-2	388140	385886	384183	386070	0.51	cps
Phosphorus	31-2	3574	3470	3427	3490	2.16	cps
Potassium	39-2	6767895	6576170	6615284	6653117	1.52	cps
Rhodium	103-1	2903698	2956806	2906645	2922383	1.02	cps
Rhodium	103-2	1713544	1717680	1671235	1700820	1.51	cps
Scandium	45-1	1818971	1721410	1723862	1754748	3.17	cps
Scandium	45-2	143553	141239	139257	141350	1.52	cps
Sdium	23-2	22061175	22003921	21783078	21949391	0.67	cps
Selenium	82-1	49614	50234	49808	49885	0.64	cps
Selenium	77-2	5378	5291	5204	5291	1.64	cps
Selenium	78-2	18101	18241	17984	18109	0.71	cps
Silicon	28-1	44572173	45407419	44759921	44913171	0.98	cps
Silver	107-1	522589	528136	525466	525397	0.53	cps
Silver	109-1	499956	503279	500790	501342	0.34	cps
Strontium	86-1	1005430	1009731	1004947	1006702	0.26	cps
Strontium	88-1	9570674	9678219	9489634	9579509	0.99	cps
Sulfur	34-1	177486	181552	181960	180332	1.37	cps
Terbium	159-1	4100071	4001341	3992197	4031203	1.48	cps
Terbium	159-2	2772462	2785174	2766340	2774659	0.35	cps
Thallium	203-1	2335424	2387344	2422490	2381753	1.84	cps
Thallium	205-1	5534865	5570028	5572961	5559285	0.38	cps
Tin	118-1	1949662	2027246	1941145	1972685	2.41	cps
Titanium	47-1	742928	747897	741643	744156	0.44	cps

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : Q2289-02MS Instrumnet Name : P7
Client Sample ID : SP-2MS Dilution Factor : 1
Date & Time Acquired : 2025-06-18 13:27:56 DataFile Name : 038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	7309259	7474451	7441679	7408463	1.18	cps
Vanadium	51-2	885874	879846	872180	879300	0.78	cps
Yttrium	89-1	6065681	5959147	5910910	5978579	1.32	cps
Yttrium	89-2	1547289	1552489	1515238	1538339	1.31	cps
Zinc	66-2	2164659	2135320	2135860	2145280	0.78	cps
Zirconium	90-1	4582260	4511564	4520660	4538161	0.85	cps
Zirconium	91-1	938161	937964	932073	936066	0.37	cps

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : Q2289-02MSD Instrumnet Name : P7
Client Sample ID : SP-2MSD Dilution Factor : 1
Date & Time Acquired : 2025-06-18 13:30:48 DataFile Name : 039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2838318	2677843	2707027	2741063	3.12	cps
Antimony	121-1	2560259	2592538	2562244	2571680	0.70	cps
Arsenic	75-2	1417	1253	1387	1352	6.43	cps
Barium	135-1	3163462	3181942	3121785	3155730	0.98	cps
Barium	137-1	5295990	5406356	5264078	5322141	1.40	cps
Beryllium	9-1	235971	237993	237395	237119	0.44	cps
Bismuth	209-1	2249382	2236590	2191997	2225990	1.35	cps
Bismuth	209-2	1870204	1833308	1833700	1845737	1.15	cps
Bromine	81-1	29393	31504	32523	31140	5.13	cps
Bromine	81-2	2003	2094	2194	2097	4.53	cps
Cadmium	108-1	44946	44956	44595	44832	0.46	cps
Cadmium	106-1	65423	65815	65356	65532	0.38	cps
Cadmium	111-1	641748	641068	639399	640738	0.19	cps
Calcium	43-1	760040	756823	756600	757821	0.25	cps
Calcium	44-1	12745014	12923887	13177473	12948791	1.68	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	950499	940438	924812	938583	1.38	cps
Cobalt	59-2	1620905	1597991	1618777	1612558	0.79	cps
Copper	63-2	10885957	10819206	10761986	10822383	0.57	cps
Dysprosium	156-1	11918	12342	12145	12135	1.75	cps
Dysprosium	156-2	11325	10944	11682	11317	3.26	cps
Erbium	164-1	10881	10928	11084	10964	0.97	cps
Erbium	164-2	7846	7929	7706	7827	1.44	cps
Gadolinium	160-1	11712	11635	11431	11593	1.25	cps
Gadolinium	160-2	8599	8653	8526	8593	0.74	cps
Holmium	165-1	3914968	3784272	3906180	3868474	1.89	cps
Holmium	165-2	2716630	2759007	2665636	2713758	1.72	cps
Indium	115-1	3135748	3132205	3142177	3136710	0.16	cps
Indium	115-2	1025154	1013881	1026245	1021760	0.67	cps
Iron	56-2	84818855	84422700	83195262	84145606	1.01	cps
Iron	57-2	2106692	2067652	2041538	2071961	1.58	cps
Iron	54-2	4629437	4543149	4531329	4567972	1.17	cps
Krypton	83-1	323	320	337	327	2.70	cps

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : Q2289-02MSD Instrumnet Name : P7
Client Sample ID : SP-2MSD Dilution Factor : 1
Date & Time Acquired : 2025-06-18 13:30:48 DataFile Name : 039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	9218503	9476984	9315345	9336944	1.40	cps
Lead	207-1	8213549	8400321	8279871	8297914	1.14	cps
Lead	208-1	37247859	38066230	37859426	37724505	1.13	cps
Lithium	6-1	255542	251113	252622	253092	0.89	cps
Magnesium	24-2	10285345	9950728	10199602	10145225	1.71	cps
Manganese	55-2	8641181	8643192	8560685	8615019	0.55	cps
Molybdenum	94-1	4261070	4244256	4199937	4235088	0.75	cps
Molybdenum	95-1	4583381	4639320	4571613	4598105	0.79	cps
Molybdenum	96-1	5199584	5261293	5151382	5204086	1.06	cps
Molybdenum	97-1	2833647	2831759	2832990	2832799	0.03	cps
Molybdenum	98-1	7339671	7284880	7265784	7296778	0.53	cps
Neodymium	150-1	21386	21864	21373	21541	1.30	cps
Neodymium	150-2	13313	13570	12833	13239	2.83	cps
Nickel	60-2	385587	379946	381912	382482	0.75	cps
Phosphorus	31-2	3657	3454	3504	3538	3.00	cps
Potassium	39-2	6689963	6656288	6528148	6624800	1.29	cps
Rhodium	103-1	2989598	2843115	2877152	2903288	2.64	cps
Rhodium	103-2	1678390	1637523	1662979	1659631	1.24	cps
Scandium	45-1	1763886	1728641	1714415	1735647	1.47	cps
Scandium	45-2	141803	140098	139503	140468	0.85	cps
Sdium	23-2	22240406	21790942	21776925	21936091	1.20	cps
Selenium	82-1	48933	48762	48949	48881	0.21	cps
Selenium	77-2	4994	5331	5234	5187	3.34	cps
Selenium	78-2	17774	17427	17761	17654	1.11	cps
Silicon	28-1	45165509	44010691	45144764	44773655	1.48	cps
Silver	107-1	518533	520832	515344	518236	0.53	cps
Silver	109-1	493133	496047	492472	493884	0.39	cps
Strontium	86-1	985882	990657	980691	985743	0.51	cps
Strontium	88-1	9373685	9353941	9366975	9364867	0.11	cps
Sulfur	34-1	177057	176993	179313	177788	0.74	cps
Terbium	159-1	4045335	4087021	3957271	4029876	1.64	cps
Terbium	159-2	2767974	2702837	2700133	2723648	1.41	cps
Thallium	203-1	2380940	2394321	2416290	2397184	0.74	cps
Thallium	205-1	5524828	5735635	5548465	5602976	2.06	cps
Tin	118-1	1953759	1965676	1902524	1940653	1.73	cps
Titanium	47-1	738099	734498	736739	736445	0.25	cps

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : Q2289-02MSD Instrumnet Name : P7
Client Sample ID : SP-2MSD Dilution Factor : 1
Date & Time Acquired : 2025-06-18 13:30:48 DataFile Name : 039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	7559297	7526917	7415816	7500677	1.00	cps
Vanadium	51-2	885412	879200	874814	879809	0.61	cps
Yttrium	89-1	5924245	5846321	5834209	5868258	0.83	cps
Yttrium	89-2	1541918	1483907	1516665	1514163	1.92	cps
Zinc	66-2	2133554	2133021	2057395	2107990	2.08	cps
Zirconium	90-1	4508381	4493259	4427319	4476320	0.96	cps
Zirconium	91-1	910222	914209	916138	913523	0.33	cps

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : Q2289-02A Instrumnet Name : P7
Client Sample ID : SP-2A Dilution Factor : 1
Date & Time Acquired : 2025-06-18 13:33:42 DataFile Name : 040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2761213	2691530	2716369	2723037	1.30	cps
Antimony	121-1	2451910	2486356	2473037	2470435	0.70	cps
Arsenic	75-2	1447	1297	1247	1330	7.83	cps
Barium	135-1	3127681	3131918	3105976	3121858	0.45	cps
Barium	137-1	5302844	5268279	5244105	5271742	0.56	cps
Beryllium	9-1	228289	231495	228379	229387	0.80	cps
Bismuth	209-1	2248280	2221199	2199084	2222854	1.11	cps
Bismuth	209-2	1841729	1853406	1879530	1858221	1.04	cps
Bromine	81-1	30622	31537	32589	31583	3.12	cps
Bromine	81-2	2260	2000	2374	2211	8.66	cps
Cadmium	108-1	43305	43258	43786	43449	0.67	cps
Cadmium	106-1	64931	64533	63230	64231	1.39	cps
Cadmium	111-1	623062	627391	623858	624771	0.37	cps
Calcium	43-1	762866	767293	761700	763953	0.39	cps
Calcium	44-1	13088428	12726670	13097802	12970967	1.63	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	922772	925823	907339	918644	1.08	cps
Cobalt	59-2	1572213	1597025	1596567	1588602	0.89	cps
Copper	63-2	10822464	10855639	10526971	10735025	1.69	cps
Dysprosium	156-1	12085	12339	11802	12075	2.23	cps
Dysprosium	156-2	11542	11368	11311	11407	1.05	cps
Erbium	164-1	11064	10798	11138	11000	1.63	cps
Erbium	164-2	7829	7882	7936	7882	0.68	cps
Gadolinium	160-1	11562	11465	11735	11587	1.18	cps
Gadolinium	160-2	8766	8589	8930	8762	1.94	cps
Holmium	165-1	3820111	3806290	3756002	3794134	0.89	cps
Holmium	165-2	2677913	2737618	2707423	2707651	1.10	cps
Indium	115-1	3140923	3174672	3152171	3155922	0.54	cps
Indium	115-2	1025548	1031539	1020413	1025833	0.54	cps
Iron	56-2	84511579	84527975	84953285	84664280	0.30	cps
Iron	57-2	2103932	2081498	2066042	2083824	0.91	cps
Iron	54-2	4590401	4604716	4545918	4580345	0.67	cps
Krypton	83-1	310	360	273	314	13.84	cps

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : Q2289-02A Instrumnet Name : P7
Client Sample ID : SP-2A Dilution Factor : 1
Date & Time Acquired : 2025-06-18 13:33:42 DataFile Name : 040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	9135762	9365416	9189865	9230348	1.30	cps
Lead	207-1	8371882	8538401	8506583	8472289	1.04	cps
Lead	208-1	37885992	37978897	37930014	37931634	0.12	cps
Lithium	6-1	252158	252724	251599	252160	0.22	cps
Magnesium	24-2	9976247	10032307	10186303	10064952	1.08	cps
Manganese	55-2	8586562	8556831	8625332	8589575	0.40	cps
Molybdenum	94-1	4211347	4193130	4112179	4172218	1.27	cps
Molybdenum	95-1	4645745	4635223	4598706	4626558	0.53	cps
Molybdenum	96-1	5226106	5203556	5181203	5203621	0.43	cps
Molybdenum	97-1	2868276	2877450	2918743	2888156	0.93	cps
Molybdenum	98-1	7441857	7408003	7515663	7455174	0.74	cps
Neodymium	150-1	21613	22181	22004	21933	1.32	cps
Neodymium	150-2	13203	12989	13043	13078	0.85	cps
Nickel	60-2	372327	377220	369686	373078	1.02	cps
Phosphorus	31-2	3600	3664	3357	3540	4.57	cps
Potassium	39-2	6692069	6718307	6611465	6673947	0.83	cps
Rhodium	103-1	2928699	2857396	2925243	2903779	1.38	cps
Rhodium	103-2	1689834	1645738	1674602	1670058	1.34	cps
Scandium	45-1	1767221	1705167	1711768	1728052	1.97	cps
Scandium	45-2	141407	142706	140010	141374	0.95	cps
Sdium	23-2	22413335	21654276	22579001	22215537	2.22	cps
Selenium	82-1	48296	48133	47432	47954	0.96	cps
Selenium	77-2	4991	5288	5201	5160	2.96	cps
Selenium	78-2	17087	17567	16957	17203	1.87	cps
Silicon	28-1	44556864	45476188	44470326	44834459	1.24	cps
Silver	107-1	503369	506106	505212	504896	0.28	cps
Silver	109-1	478674	479150	478383	478736	0.08	cps
Strontium	86-1	953254	966221	968378	962618	0.85	cps
Strontium	88-1	9253023	9119074	9197212	9189770	0.73	cps
Sulfur	34-1	176264	178257	177124	177215	0.56	cps
Terbium	159-1	4066253	4009303	4039083	4038213	0.71	cps
Terbium	159-2	2756689	2720074	2742174	2739646	0.67	cps
Thallium	203-1	2257421	2283541	2344948	2295303	1.96	cps
Thallium	205-1	5397421	5424265	5431306	5417664	0.33	cps
Tin	118-1	1939423	1964455	1955155	1953011	0.65	cps
Titanium	47-1	731993	733174	733076	732748	0.09	cps

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : Q2289-02A Instrumnet Name : P7
Client Sample ID : SP-2A Dilution Factor : 1
Date & Time Acquired : 2025-06-18 13:33:42 DataFile Name : 040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	7180004	7222130	7188639	7196924	0.31	cps
Vanadium	51-2	857188	861261	852169	856873	0.53	cps
Yttrium	89-1	5924668	5840175	5784797	5849880	1.20	cps
Yttrium	89-2	1512298	1537762	1518583	1522881	0.87	cps
Zinc	66-2	2078634	2133124	2099456	2103738	1.31	cps
Zirconium	90-1	4385744	4321187	4362762	4356564	0.75	cps
Zirconium	91-1	890682	890395	891294	890790	0.05	cps

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : Q2289-01DLX5 Instrumnet Name : P7
Client Sample ID : SP-1DL Dilution Factor : 5
Date & Time Acquired : 2025-06-18 13:36:33 DataFile Name : 041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	888644	890461	904875	894660	0.99	cps
Antimony	121-1	733	717	700	717	2.33	cps
Arsenic	75-2	1173	1267	1220	1220	3.83	cps
Barium	135-1	85917	86581	87242	86580	0.76	cps
Barium	137-1	148502	146483	148247	147744	0.74	cps
Beryllium	9-1	173	200	200	191	8.05	cps
Bismuth	209-1	2043552	2085689	2073874	2067705	1.05	cps
Bismuth	209-2	1600456	1590057	1573916	1588143	0.84	cps
Bromine	81-1	28818	30128	30121	29689	2.54	cps
Bromine	81-2	1640	1453	1770	1621	9.82	cps
Cadmium	108-1	37	60	73	57	32.75	cps
Cadmium	106-1	1303	1207	1380	1297	6.70	cps
Cadmium	111-1	1170	1099	1221	1164	5.27	cps
Calcium	43-1	50086	50611	50440	50379	0.53	cps
Calcium	44-1	825696	834526	825772	828664	0.61	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	21536	21626	21809	21657	0.64	cps
Cobalt	59-2	23726	24286	24650	24221	1.92	cps
Copper	63-2	47706	47061	47512	47426	0.70	cps
Dysprosium	156-1	8436	8626	8449	8504	1.25	cps
Dysprosium	156-2	9126	8789	8719	8878	2.45	cps
Erbium	164-1	5785	5661	5685	5710	1.15	cps
Erbium	164-2	4174	4134	4021	4110	1.94	cps
Gadolinium	160-1	7145	7129	7282	7185	1.17	cps
Gadolinium	160-2	5464	5805	5574	5615	3.09	cps
Holmium	165-1	3577839	3532888	3616785	3575837	1.17	cps
Holmium	165-2	2591577	2586010	2514753	2564113	1.67	cps
Indium	115-1	3078458	3043001	3055696	3059052	0.59	cps
Indium	115-2	1012853	1011442	1004326	1009540	0.45	cps
Iron	56-2	29638306	29630749	29657813	29642289	0.05	cps
Iron	57-2	702266	698529	701846	700880	0.29	cps
Iron	54-2	1611348	1630839	1628329	1623505	0.65	cps
Krypton	83-1	337	307	313	319	4.94	cps

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : Q2289-01DLX5 Instrumnet Name : P7
Client Sample ID : SP-1DL Dilution Factor : 5
Date & Time Acquired : 2025-06-18 13:36:33 DataFile Name : 041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	29793	30244	29004	29680	2.11	cps
Lead	207-1	25077	25591	25003	25224	1.27	cps
Lead	208-1	116562	117400	115342	116435	0.89	cps
Lithium	6-1	237589	237982	235456	237009	0.57	cps
Magnesium	24-2	766903	764392	773444	768246	0.61	cps
Manganese	55-2	446709	443114	445306	445043	0.41	cps
Molybdenum	94-1	4157	4151	4401	4236	3.36	cps
Molybdenum	95-1	3057	2907	3054	3006	2.85	cps
Molybdenum	96-1	4087	4484	4164	4245	4.96	cps
Molybdenum	97-1	1730	1587	1780	1699	5.91	cps
Molybdenum	98-1	4561	4711	4724	4665	1.94	cps
Neodymium	150-1	18866	18783	18869	18839	0.26	cps
Neodymium	150-2	11932	12015	11632	11860	1.70	cps
Nickel	60-2	8643	8726	8643	8670	0.56	cps
Phosphorus	31-2	1800	1863	1820	1828	1.77	cps
Potassium	39-2	1120166	1118926	1124012	1121035	0.24	cps
Rhodium	103-1	2764811	2744371	2813569	2774250	1.28	cps
Rhodium	103-2	1662163	1656895	1629950	1649669	1.05	cps
Scandium	45-1	1646211	1602027	1583167	1610468	2.01	cps
Scandium	45-2	133207	133523	133015	133248	0.19	cps
Sdium	23-2	4743609	4730459	4747639	4740569	0.19	cps
Selenium	82-1	126	202	134	154	27.12	cps
Selenium	77-2	47	27	37	37	27.27	cps
Selenium	78-2	547	513	480	513	6.49	cps
Silicon	28-1	22764936	23223664	23200504	23063035	1.12	cps
Silver	107-1	693	653	607	651	6.66	cps
Silver	109-1	670	670	603	648	5.94	cps
Strontium	86-1	23075	23071	23319	23155	0.61	cps
Strontium	88-1	197225	200750	201674	199883	1.17	cps
Sulfur	34-1	94416	94617	93799	94277	0.45	cps
Terbium	159-1	3822021	3752433	3788973	3787809	0.92	cps
Terbium	159-2	2622002	2624701	2629005	2625236	0.13	cps
Thallium	203-1	1820	1693	1687	1733	4.33	cps
Thallium	205-1	4127	4087	4011	4075	1.46	cps
Tin	118-1	2557	2530	2520	2536	0.75	cps
Titanium	47-1	536357	539949	539394	538567	0.36	cps

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : Q2289-01DLX5 Instrumnet Name : P7
Client Sample ID : SP-1DL Dilution Factor : 5
Date & Time Acquired : 2025-06-18 13:36:33 DataFile Name : 041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	13160	13293	13103	13186	0.74	cps
Vanadium	51-2	49568	50260	49615	49814	0.78	cps
Yttrium	89-1	5548630	5460844	5467886	5492454	0.89	cps
Yttrium	89-2	1445316	1463636	1432125	1447026	1.09	cps
Zinc	66-2	31376	31433	31320	31376	0.18	cps
Zirconium	90-1	6755	6898	7539	7064	5.91	cps
Zirconium	91-1	1577	1447	1533	1519	4.36	cps

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : Q2289-02DLX5 Instrumnet Name : P7
Client Sample ID : SP-2DL Dilution Factor : 5
Date & Time Acquired : 2025-06-18 13:39:51 DataFile Name : 042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	321837	320428	318282	320183	0.56	cps
Antimony	121-1	690	637	690	672	4.58	cps
Arsenic	75-2	253	260	250	254	2.00	cps
Barium	135-1	25523	25844	26769	26045	2.48	cps
Barium	137-1	44617	44396	44081	44365	0.61	cps
Beryllium	9-1	93	107	67	89	22.91	cps
Bismuth	209-1	2101461	2101791	2060912	2088054	1.13	cps
Bismuth	209-2	1789353	1792606	1778950	1786970	0.40	cps
Bromine	81-1	25222	25249	25505	25325	0.62	cps
Bromine	81-2	577	593	513	561	7.52	cps
Cadmium	108-1	33	40	23	32	26.04	cps
Cadmium	106-1	1233	1327	1200	1253	5.24	cps
Cadmium	111-1	1007	1024	967	999	2.92	cps
Calcium	43-1	22981	22674	23729	23128	2.35	cps
Calcium	44-1	378562	381754	381023	380446	0.44	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	10194	10424	10207	10275	1.26	cps
Cobalt	59-2	7095	6662	7072	6943	3.51	cps
Copper	63-2	26814	26821	26086	26574	1.59	cps
Dysprosium	156-1	2537	2464	2317	2439	4.59	cps
Dysprosium	156-2	2204	2050	2144	2132	3.62	cps
Erbium	164-1	2197	2207	2134	2179	1.83	cps
Erbium	164-2	1620	1517	1350	1496	9.11	cps
Gadolinium	160-1	2124	2100	2350	2191	6.30	cps
Gadolinium	160-2	1970	1994	1780	1915	6.11	cps
Holmium	165-1	3628051	3612553	3541677	3594093	1.28	cps
Holmium	165-2	2597963	2603110	2603510	2601528	0.12	cps
Indium	115-1	3086593	3116050	3072382	3091675	0.72	cps
Indium	115-2	1004809	1010462	1008458	1007910	0.28	cps
Iron	56-2	8714910	8799983	8598111	8704335	1.16	cps
Iron	57-2	204869	204589	204460	204640	0.10	cps
Iron	54-2	447580	448945	447195	447907	0.21	cps
Krypton	83-1	300	307	330	312	5.05	cps

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : Q2289-02DLX5 Instrumnet Name : P7
Client Sample ID : SP-2DL Dilution Factor : 5
Date & Time Acquired : 2025-06-18 13:39:51 DataFile Name : 042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	19090	19311	19384	19262	0.79	cps
Lead	207-1	15672	16056	15853	15860	1.21	cps
Lead	208-1	72889	74483	73745	73706	1.08	cps
Lithium	6-1	234168	233817	234417	234134	0.13	cps
Magnesium	24-2	207220	206449	206245	206638	0.25	cps
Manganese	55-2	139033	139312	139722	139356	0.25	cps
Molybdenum	94-1	1833	1940	1837	1870	3.24	cps
Molybdenum	95-1	1540	1723	1493	1586	7.67	cps
Molybdenum	96-1	1877	1960	2040	1959	4.17	cps
Molybdenum	97-1	893	927	980	933	4.68	cps
Molybdenum	98-1	2400	2397	2477	2425	1.87	cps
Neodymium	150-1	4361	4311	4367	4346	0.71	cps
Neodymium	150-2	2534	2590	2687	2604	2.98	cps
Nickel	60-2	3967	3901	3847	3905	1.54	cps
Phosphorus	31-2	1033	993	1017	1014	1.98	cps
Potassium	39-2	313401	311920	315862	313728	0.63	cps
Rhodium	103-1	2782093	2857273	2845957	2828441	1.43	cps
Rhodium	103-2	1710881	1663291	1637897	1670690	2.22	cps
Scandium	45-1	1602018	1642755	1599782	1614852	1.50	cps
Scandium	45-2	131482	131853	130561	131299	0.51	cps
Sdium	23-2	1624406	1539046	1595591	1586348	2.74	cps
Selenium	82-1	112	125	159	132	18.15	cps
Selenium	77-2	0	10	13	8	89.21	cps
Selenium	78-2	533	560	537	543	2.67	cps
Silicon	28-1	9404753	9594240	9451081	9483358	1.04	cps
Silver	107-1	280	243	243	256	8.28	cps
Silver	109-1	237	297	213	249	17.27	cps
Strontium	86-1	9496	9540	9433	9490	0.57	cps
Strontium	88-1	78847	79959	78958	79255	0.77	cps
Sulfur	34-1	90811	90580	90573	90655	0.15	cps
Terbium	159-1	3772938	3829738	3768281	3790319	0.90	cps
Terbium	159-2	2639896	2641621	2610979	2630832	0.65	cps
Thallium	203-1	700	657	563	640	10.91	cps
Thallium	205-1	1467	1517	1523	1502	2.06	cps
Tin	118-1	4174	4194	4237	4202	0.77	cps
Titanium	47-1	144469	144187	143867	144174	0.21	cps

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : Q2289-02DLX5 Instrumnet Name : P7
Client Sample ID : SP-2DL Dilution Factor : 5
Date & Time Acquired : 2025-06-18 13:39:51 DataFile Name : 042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	3334	3407	3350	3364	1.14	cps
Vanadium	51-2	14324	13293	13526	13714	3.94	cps
Yttrium	89-1	5446058	5422224	5567198	5478493	1.42	cps
Yttrium	89-2	1407756	1442796	1322939	1391164	4.43	cps
Zinc	66-2	12916	13089	13223	13076	1.18	cps
Zirconium	90-1	2450	2414	2777	2547	7.86	cps
Zirconium	91-1	580	607	570	586	3.24	cps

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : Q2289-03DLX5 Instrumnet Name : P7
Client Sample ID : SP-3DL Dilution Factor : 5
Date & Time Acquired : 2025-06-18 13:43:08 DataFile Name : 043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1919416	1989549	1873605	1927523	3.03	cps
Antimony	121-1	853	843	753	817	6.74	cps
Arsenic	75-2	1940	2020	1913	1958	2.84	cps
Barium	135-1	162048	161001	161036	161361	0.37	cps
Barium	137-1	274002	280323	277314	277213	1.14	cps
Beryllium	9-1	320	283	397	333	17.35	cps
Bismuth	209-1	2131834	2077017	2029537	2079463	2.46	cps
Bismuth	209-2	1789404	1754834	1801364	1781868	1.36	cps
Bromine	81-1	26424	25759	26143	26109	1.28	cps
Bromine	81-2	683	633	640	652	4.16	cps
Cadmium	108-1	133	110	153	132	16.40	cps
Cadmium	106-1	1543	1440	1453	1479	3.80	cps
Cadmium	111-1	1580	1378	1513	1491	6.93	cps
Calcium	43-1	121287	120343	118697	120109	1.09	cps
Calcium	44-1	2024039	2026551	2034318	2028303	0.26	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	47441	46672	46645	46919	0.96	cps
Cobalt	59-2	46639	46606	46562	46602	0.08	cps
Copper	63-2	158891	158931	160239	159354	0.48	cps
Dysprosium	156-1	13086	13253	13416	13252	1.25	cps
Dysprosium	156-2	12693	12396	12446	12511	1.27	cps
Erbium	164-1	11865	11431	11912	11736	2.26	cps
Erbium	164-2	8493	8363	8406	8420	0.79	cps
Gadolinium	160-1	12115	12923	12859	12632	3.55	cps
Gadolinium	160-2	9507	9700	9763	9657	1.39	cps
Holmium	165-1	3637811	3514683	3610704	3587733	1.80	cps
Holmium	165-2	2610182	2584161	2605969	2600104	0.54	cps
Indium	115-1	3031768	3073013	3069558	3058113	0.75	cps
Indium	115-2	1009846	1003865	1007736	1007149	0.30	cps
Iron	56-2	57348326	57255704	56607492	57070507	0.71	cps
Iron	57-2	1421928	1391718	1411894	1408514	1.09	cps
Iron	54-2	3120338	3097230	3122347	3113305	0.45	cps
Krypton	83-1	363	340	303	336	9.01	cps

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : Q2289-03DLX5 Instrumnet Name : P7
Client Sample ID : SP-3DL Dilution Factor : 5
Date & Time Acquired : 2025-06-18 13:43:08 DataFile Name : 043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	62105	63186	62926	62739	0.90	cps
Lead	207-1	52173	53264	54208	53215	1.91	cps
Lead	208-1	246064	245632	246963	246220	0.28	cps
Lithium	6-1	243426	236910	235179	238505	1.82	cps
Magnesium	24-2	1799307	1774218	1803407	1792311	0.88	cps
Manganese	55-2	858341	851098	848121	852520	0.62	cps
Molybdenum	94-1	7492	7619	8006	7705	3.47	cps
Molybdenum	95-1	3187	3184	3234	3201	0.87	cps
Molybdenum	96-1	5858	6031	5928	5939	1.47	cps
Molybdenum	97-1	2200	1957	2074	2077	5.86	cps
Molybdenum	98-1	5318	5114	5228	5220	1.95	cps
Neodymium	150-1	24415	24258	24425	24366	0.38	cps
Neodymium	150-2	15218	15005	14621	14948	2.02	cps
Nickel	60-2	19049	18148	18708	18635	2.44	cps
Phosphorus	31-2	3210	3014	3280	3168	4.36	cps
Potassium	39-2	1504619	1467177	1492201	1487999	1.28	cps
Rhodium	103-1	2689052	2805007	2882310	2792123	3.48	cps
Rhodium	103-2	1637591	1642138	1614840	1631523	0.90	cps
Scandium	45-1	1676425	1679339	1666293	1674019	0.41	cps
Scandium	45-2	135151	134458	133559	134389	0.59	cps
Sdium	23-2	4162890	4111375	4020008	4098091	1.77	cps
Selenium	82-1	90	107	194	130	42.99	cps
Selenium	77-2	47	30	37	38	22.21	cps
Selenium	78-2	523	580	497	533	7.98	cps
Silicon	28-1	29316930	29836350	30494082	29882454	1.97	cps
Silver	107-1	803	820	733	786	5.85	cps
Silver	109-1	757	763	783	768	1.81	cps
Strontium	86-1	42782	42802	43390	42991	0.80	cps
Strontium	88-1	372380	368816	368983	370060	0.54	cps
Sulfur	34-1	92605	94168	92783	93185	0.92	cps
Terbium	159-1	3741186	3816801	3757822	3771936	1.05	cps
Terbium	159-2	2641792	2581612	2603018	2608807	1.17	cps
Thallium	203-1	1803	1877	2034	1905	6.17	cps
Thallium	205-1	4711	4277	4447	4479	4.88	cps
Tin	118-1	2980	2857	3074	2970	3.66	cps
Titanium	47-1	914696	916493	930718	920636	0.95	cps

LB Number : LB136195 Operator : Jaswal
 Lab Sample ID : Q2289-03DLX5 Instrumnet Name : P7
 Client Sample ID : SP-3DL Dilution Factor : 5
 Date & Time Acquired : 2025-06-18 13:43:08 DataFile Name : 043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	18273	19498	19464	19078	3.66	cps
Vanadium	51-2	92461	91120	91304	91628	0.79	cps
Yttrium	89-1	5654740	5562177	5666412	5627776	1.01	cps
Yttrium	89-2	1491375	1474901	1448223	1471500	1.48	cps
Zinc	66-2	72347	72515	72281	72381	0.17	cps
Zirconium	90-1	15151	15565	15699	15472	1.84	cps
Zirconium	91-1	3520	3454	3584	3519	1.85	cps

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : CCV3 Instrumnet Name : P7
Client Sample ID : CCV3 Dilution Factor : 1
Date & Time Acquired : 2025-06-18 13:49:44 DataFile Name : 044CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5054811	5059604	5151158	5088524	1.07	cps
Antimony	121-1	2196874	2261117	2270125	2242705	1.78	cps
Arsenic	75-2	115166	112893	113745	113935	1.01	cps
Barium	135-1	3014588	3039664	3116552	3056935	1.74	cps
Barium	137-1	5110026	5155039	5190488	5151851	0.78	cps
Beryllium	9-1	207751	214987	217150	213296	2.31	cps
Bismuth	209-1	1854798	1920190	1915527	1896838	1.92	cps
Bismuth	209-2	1428918	1439682	1435777	1434792	0.38	cps
Bromine	81-1	22724	22237	23095	22685	1.90	cps
Bromine	81-2	160	197	120	159	24.13	cps
Cadmium	108-1	39668	40433	39968	40023	0.96	cps
Cadmium	106-1	57389	58146	57902	57812	0.67	cps
Cadmium	111-1	553895	556516	559859	556756	0.54	cps
Calcium	43-1	3267558	3169058	3344594	3260403	2.70	cps
Calcium	44-1	53081636	53515723	53538513	53378624	0.48	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	839835	840546	843145	841175	0.21	cps
Cobalt	59-2	1301871	1303553	1302791	1302738	0.06	cps
Copper	63-2	9782809	10052463	9846459	9893910	1.42	cps
Dysprosium	156-1	120	133	163	139	15.98	cps
Dysprosium	156-2	200	260	243	234	13.21	cps
Erbium	164-1	247	230	243	240	3.68	cps
Erbium	164-2	257	210	203	223	13.01	cps
Gadolinium	160-1	153	147	180	160	11.02	cps
Gadolinium	160-2	210	187	227	208	9.67	cps
Holmium	165-1	3410085	3409322	3466816	3428741	0.96	cps
Holmium	165-2	2465189	2471670	2446584	2461148	0.53	cps
Indium	115-1	2814724	2832567	2793238	2813510	0.70	cps
Indium	115-2	917340	923514	931556	924137	0.77	cps
Iron	56-2	228474703	226404410	231613457	228830857	1.15	cps
Iron	57-2	5699786	5778924	5780105	5752938	0.80	cps
Iron	54-2	12325526	12307271	12313493	12315430	0.08	cps
Krypton	83-1	373	313	327	338	9.33	cps

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : CCV3 Instrumnet Name : P7
Client Sample ID : CCV3 Dilution Factor : 1
Date & Time Acquired : 2025-06-18 13:49:44 DataFile Name : 044CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	8395122	8454656	8528916	8459565	0.79	cps
Lead	207-1	7412080	7596355	7584538	7530991	1.37	cps
Lead	208-1	33766958	34551938	34305872	34208256	1.17	cps
Lithium	6-1	221791	227446	231977	227072	2.25	cps
Magnesium	24-2	43600108	43178251	44354291	43710883	1.36	cps
Manganese	55-2	7406069	7338590	7456478	7400379	0.80	cps
Molybdenum	94-1	8111151	8123279	8188804	8141078	0.51	cps
Molybdenum	95-1	11751335	11757481	11821238	11776685	0.33	cps
Molybdenum	96-1	12557806	12678844	12684244	12640298	0.57	cps
Molybdenum	97-1	7235591	7206903	7373698	7272064	1.23	cps
Molybdenum	98-1	19020416	18742500	18881483	18881466	0.74	cps
Neodymium	150-1	203	187	193	194	4.31	cps
Neodymium	150-2	73	60	63	66	10.58	cps
Nickel	60-2	332972	336102	334303	334459	0.47	cps
Phosphorus	31-2	50483	51801	51955	51413	1.57	cps
Potassium	39-2	28265150	28715974	28557804	28512976	0.80	cps
Rhodium	103-1	2539551	2500303	2521216	2520357	0.78	cps
Rhodium	103-2	1355164	1365890	1380243	1367099	0.92	cps
Scandium	45-1	1532315	1560139	1567650	1553368	1.20	cps
Scandium	45-2	126040	127058	130350	127816	1.76	cps
Sdium	23-2	67689966	68785461	68624536	68366654	0.87	cps
Selenium	82-1	40725	40446	40398	40523	0.44	cps
Selenium	77-2	4191	4414	4387	4331	2.82	cps
Selenium	78-2	14721	15255	14921	14965	1.80	cps
Silicon	28-1	4348112	4368137	4500083	4405444	1.87	cps
Silver	107-1	2978364	2947318	2962058	2962580	0.52	cps
Silver	109-1	2890623	2891972	2876837	2886477	0.29	cps
Strontium	86-1	727527	733278	730526	730443	0.39	cps
Strontium	88-1	7037448	7060866	7008981	7035765	0.37	cps
Sulfur	34-1	259650	265671	265324	263548	1.28	cps
Terbium	159-1	3570465	3606048	3607944	3594819	0.59	cps
Terbium	159-2	2521751	2511725	2506204	2513226	0.31	cps
Thallium	203-1	2114103	2081680	2100345	2098709	0.78	cps
Thallium	205-1	4922686	5079471	4861225	4954460	2.27	cps
Tin	118-1	1973126	2001967	1994014	1989702	0.75	cps
Titanium	47-1	2912643	2939166	2920648	2924152	0.47	cps

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : CCV3 Instrumnet Name : P7
Client Sample ID : CCV3 Dilution Factor : 1
Date & Time Acquired : 2025-06-18 13:49:44 DataFile Name : 044CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	6635212	6666461	6623411	6641694	0.33	cps
Vanadium	51-2	739059	740529	746222	741937	0.51	cps
Yttrium	89-1	5255096	5182618	5119431	5185715	1.31	cps
Yttrium	89-2	1264123	1266152	1266213	1265496	0.09	cps
Zinc	66-2	1737792	1822295	1742913	1767667	2.68	cps
Zirconium	90-1	4119994	4178878	4179247	4159373	0.82	cps
Zirconium	91-1	837514	847547	848166	844409	0.71	cps

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : CCB3 Instrumnet Name : P7
Client Sample ID : CCB3 Dilution Factor : 1
Date & Time Acquired : 2025-06-18 13:52:39 DataFile Name : 045CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	447	413	480	447	7.46	cps
Antimony	121-1	470	440	480	463	4.49	cps
Arsenic	75-2	0	13	7	7	99.98	cps
Barium	135-1	50	73	70	64	19.58	cps
Barium	137-1	147	80	100	109	31.42	cps
Beryllium	9-1	30	40	23	31	26.97	cps
Bismuth	209-1	2007376	2020253	2030995	2019541	0.59	cps
Bismuth	209-2	1555671	1535898	1527799	1539789	0.93	cps
Bromine	81-1	23198	22440	23349	22996	2.12	cps
Bromine	81-2	130	187	140	152	19.87	cps
Cadmium	108-1	3	7	3	4	43.40	cps
Cadmium	106-1	1227	1247	1017	1163	10.95	cps
Cadmium	111-1	906	911	736	851	11.73	cps
Calcium	43-1	303	357	390	350	12.49	cps
Calcium	44-1	6261	6195	6411	6289	1.77	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1327	1320	1407	1351	3.57	cps
Cobalt	59-2	50	70	30	50	40.00	cps
Copper	63-2	1630	1653	1680	1655	1.51	cps
Dysprosium	156-1	7	7	7	7	0.00	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	30	20	13	21	39.75	cps
Erbium	164-2	13	7	7	9	43.25	cps
Gadolinium	160-1	7	10	10	9	21.63	cps
Gadolinium	160-2	140	117	153	137	13.58	cps
Holmium	165-1	3415632	3423963	3424630	3421408	0.15	cps
Holmium	165-2	2470717	2452302	2473424	2465481	0.47	cps
Indium	115-1	2933522	2943044	2950780	2942449	0.29	cps
Indium	115-2	970528	966436	963218	966727	0.38	cps
Iron	56-2	21162	20394	20467	20674	2.05	cps
Iron	57-2	1217	1200	1220	1212	0.88	cps
Iron	54-2	2377	2320	2497	2398	3.76	cps
Krypton	83-1	310	337	327	324	4.15	cps

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : CCB3 Instrumnet Name : P7
Client Sample ID : CCB3 Dilution Factor : 1
Date & Time Acquired : 2025-06-18 13:52:39 DataFile Name : 045CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	600	557	620	592	5.47	cps
Lead	207-1	593	530	567	563	5.64	cps
Lead	208-1	2467	2357	2407	2410	2.29	cps
Lithium	6-1	235764	236057	236989	236270	0.27	cps
Magnesium	24-2	707	643	590	647	9.03	cps
Manganese	55-2	1070	1010	1137	1072	5.91	cps
Molybdenum	94-1	383	400	473	419	11.43	cps
Molybdenum	95-1	563	450	503	506	11.22	cps
Molybdenum	96-1	600	580	653	611	6.20	cps
Molybdenum	97-1	343	290	277	303	11.63	cps
Molybdenum	98-1	873	757	757	796	8.47	cps
Neodymium	150-1	0	13	10	8	89.21	cps
Neodymium	150-2	7	3	3	4	43.40	cps
Nickel	60-2	347	360	350	352	1.97	cps
Phosphorus	31-2	500	387	420	436	13.37	cps
Potassium	39-2	44899	45765	46517	45727	1.77	cps
Rhodium	103-1	2710317	2687438	2655997	2684584	1.02	cps
Rhodium	103-2	1586200	1558628	1436306	1527045	5.22	cps
Scandium	45-1	1560200	1583456	1558331	1567329	0.89	cps
Scandium	45-2	127189	125058	124293	125513	1.20	cps
Sdium	23-2	16219	16058	15218	15832	3.40	cps
Selenium	82-1	130	99	80	103	24.52	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	523	527	507	519	2.07	cps
Silicon	28-1	696834	698747	682355	692645	1.29	cps
Silver	107-1	287	233	267	262	10.27	cps
Silver	109-1	250	170	183	201	21.31	cps
Strontium	86-1	553	520	480	518	7.09	cps
Strontium	88-1	207	183	207	199	6.77	cps
Sulfur	34-1	97954	97982	97827	97921	0.08	cps
Terbium	159-1	3680198	3582220	3672631	3645016	1.50	cps
Terbium	159-2	2529919	2549334	2500439	2526564	0.97	cps
Thallium	203-1	410	373	410	398	5.32	cps
Thallium	205-1	827	1003	923	918	9.64	cps
Tin	118-1	1020	1000	920	980	5.40	cps
Titanium	47-1	67	63	123	84	39.93	cps

LB Number : LB136195 Operator : Jaswal
 Lab Sample ID : CCB3 Instrumnet Name : P7
 Client Sample ID : CCB3 Dilution Factor : 1
 Date & Time Acquired : 2025-06-18 13:52:39 DataFile Name : 045CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	123	120	80	108	22.38	cps
Vanadium	51-2	7	23	13	14	58.06	cps
Yttrium	89-1	5138244	5117817	5252097	5169386	1.40	cps
Yttrium	89-2	1268658	1266177	1261089	1265308	0.30	cps
Zinc	66-2	553	523	493	523	5.73	cps
Zirconium	90-1	427	480	570	492	14.72	cps
Zirconium	91-1	93	120	123	112	14.66	cps

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : Q2289-02DUPDLX5 Instrumnet Name : P7
Client Sample ID : SP-2DUPDL Dilution Factor : 5
Date & Time Acquired : 2025-06-18 13:58:03 DataFile Name : 046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	307528	306137	305508	306391	0.34	cps
Antimony	121-1	813	690	643	716	12.28	cps
Arsenic	75-2	260	240	233	244	5.68	cps
Barium	135-1	24648	24541	24732	24640	0.39	cps
Barium	137-1	43099	42697	42744	42847	0.51	cps
Beryllium	9-1	77	80	73	77	4.35	cps
Bismuth	209-1	2121225	2119827	2171347	2137466	1.37	cps
Bismuth	209-2	1884332	1843801	1601719	1776617	8.60	cps
Bromine	81-1	24120	23469	24537	24042	2.24	cps
Bromine	81-2	430	460	507	466	8.30	cps
Cadmium	108-1	23	30	43	32	31.61	cps
Cadmium	106-1	1130	1270	1097	1166	7.89	cps
Cadmium	111-1	868	1001	841	903	9.52	cps
Calcium	43-1	22013	22333	22200	22182	0.73	cps
Calcium	44-1	364040	362124	359894	362020	0.57	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	9867	10220	10120	10069	1.81	cps
Cobalt	59-2	6485	6531	6465	6494	0.53	cps
Copper	63-2	25018	24604	24123	24581	1.82	cps
Dysprosium	156-1	2117	2260	2240	2206	3.52	cps
Dysprosium	156-2	2210	2100	2137	2149	2.61	cps
Erbium	164-1	2070	2060	2097	2076	0.91	cps
Erbium	164-2	1673	1513	1537	1575	5.49	cps
Gadolinium	160-1	2044	2230	2077	2117	4.70	cps
Gadolinium	160-2	1700	1797	1760	1752	2.79	cps
Holmium	165-1	3627384	3586360	3595682	3603142	0.60	cps
Holmium	165-2	2632772	2613289	2599984	2615348	0.63	cps
Indium	115-1	3101571	3109557	3057669	3089599	0.90	cps
Indium	115-2	1006344	1011414	1006860	1008206	0.28	cps
Iron	56-2	8151846	8194827	8209164	8185279	0.36	cps
Iron	57-2	196019	194726	194859	195201	0.36	cps
Iron	54-2	421628	427609	421009	423416	0.86	cps
Krypton	83-1	317	300	313	310	2.84	cps

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : Q2289-02DUPDLX5 Instrumnet Name : P7
Client Sample ID : SP-2DUPDL Dilution Factor : 5
Date & Time Acquired : 2025-06-18 13:58:03 DataFile Name : 046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	20042	19995	20078	20038	0.21	cps
Lead	207-1	16310	16584	16744	16546	1.33	cps
Lead	208-1	76183	76651	76814	76549	0.43	cps
Lithium	6-1	245760	241542	239702	242334	1.28	cps
Magnesium	24-2	198786	196335	196448	197190	0.70	cps
Manganese	55-2	132701	134498	132784	133328	0.76	cps
Molybdenum	94-1	1833	1777	1697	1769	3.88	cps
Molybdenum	95-1	1437	1440	1487	1455	1.92	cps
Molybdenum	96-1	1977	2104	2000	2027	3.33	cps
Molybdenum	97-1	900	837	947	894	6.17	cps
Molybdenum	98-1	2320	2387	2244	2317	3.10	cps
Neodymium	150-1	4141	4144	4171	4152	0.40	cps
Neodymium	150-2	2594	2537	2600	2577	1.35	cps
Nickel	60-2	3407	3364	3197	3323	3.34	cps
Phosphorus	31-2	957	1017	1023	999	3.68	cps
Potassium	39-2	298884	299753	299241	299293	0.15	cps
Rhodium	103-1	2826271	2820885	2797533	2814896	0.54	cps
Rhodium	103-2	1665129	1627944	1661240	1651438	1.24	cps
Scandium	45-1	1622975	1617513	1611666	1617385	0.35	cps
Scandium	45-2	132611	130793	130144	131183	0.98	cps
Sdium	23-2	1550975	1543641	1493955	1529524	2.03	cps
Selenium	82-1	90	168	127	128	30.56	cps
Selenium	77-2	0	7	10	6	91.64	cps
Selenium	78-2	500	480	490	490	2.04	cps
Silicon	28-1	9443789	9292964	9493917	9410223	1.11	cps
Silver	107-1	257	220	213	230	10.14	cps
Silver	109-1	230	197	247	224	11.34	cps
Strontium	86-1	9453	9290	8849	9197	3.39	cps
Strontium	88-1	75409	75171	74548	75043	0.59	cps
Sulfur	34-1	112245	110026	106666	109646	2.56	cps
Terbium	159-1	3848440	3792823	3829851	3823704	0.74	cps
Terbium	159-2	2666954	2614528	2627635	2636372	1.03	cps
Thallium	203-1	460	517	577	518	11.27	cps
Thallium	205-1	1287	1340	1210	1279	5.11	cps
Tin	118-1	1947	2037	1903	1962	3.47	cps
Titanium	47-1	139778	139672	140304	139918	0.24	cps

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : Q2289-02DUPDLX5 Instrumnet Name : P7
Client Sample ID : SP-2DUPDL Dilution Factor : 5
Date & Time Acquired : 2025-06-18 13:58:03 DataFile Name : 046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	3390	3324	3250	3322	2.11	cps
Vanadium	51-2	12729	13116	13193	13012	1.91	cps
Yttrium	89-1	5452448	5431989	5405042	5429827	0.44	cps
Yttrium	89-2	1324801	1436949	1420205	1393985	4.34	cps
Zinc	66-2	12198	12469	12342	12336	1.10	cps
Zirconium	90-1	2117	2204	2284	2201	3.79	cps
Zirconium	91-1	620	497	547	554	11.19	cps

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : Q2289-02LDLX25 Instrumnet Name : P7
Client Sample ID : SP-2LDL Dilution Factor : 25
Date & Time Acquired : 2025-06-18 14:01:19 DataFile Name : 047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	66618	67019	66969	66869	0.33	cps
Antimony	121-1	223	197	147	189	20.61	cps
Arsenic	75-2	40	47	70	52	30.16	cps
Barium	135-1	5214	5454	5308	5325	2.27	cps
Barium	137-1	9100	9180	9470	9250	2.11	cps
Beryllium	9-1	37	43	30	37	18.18	cps
Bismuth	209-1	2031275	2028239	2062465	2040660	0.93	cps
Bismuth	209-2	1566268	1797444	1573971	1645894	7.98	cps
Bromine	81-1	23509	24220	23809	23846	1.50	cps
Bromine	81-2	233	253	250	246	4.36	cps
Cadmium	108-1	10	7	7	8	24.71	cps
Cadmium	106-1	1163	1203	1130	1166	3.15	cps
Cadmium	111-1	861	901	843	868	3.42	cps
Calcium	43-1	5034	5061	5024	5040	0.38	cps
Calcium	44-1	82463	86114	83491	84023	2.24	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3300	3240	3130	3224	2.67	cps
Cobalt	59-2	1443	1450	1497	1463	1.99	cps
Copper	63-2	6435	6565	6431	6477	1.17	cps
Dysprosium	156-1	463	523	530	506	7.26	cps
Dysprosium	156-2	483	483	453	473	3.66	cps
Erbium	164-1	427	440	467	444	4.58	cps
Erbium	164-2	337	313	350	333	5.57	cps
Gadolinium	160-1	477	457	477	470	2.46	cps
Gadolinium	160-2	447	583	463	498	14.98	cps
Holmium	165-1	3492075	3353582	3561121	3468926	3.05	cps
Holmium	165-2	2487188	2506117	2503620	2498975	0.41	cps
Indium	115-1	3003319	2907833	2944844	2951999	1.63	cps
Indium	115-2	990472	992935	986868	990092	0.31	cps
Iron	56-2	1800738	1827159	1826754	1818217	0.83	cps
Iron	57-2	43326	43533	42884	43248	0.77	cps
Iron	54-2	94347	95108	93649	94368	0.77	cps
Krypton	83-1	260	323	277	287	11.45	cps

LB Number : LB136195 Operator : Jaswal
 Lab Sample ID : Q2289-02LDLX25 Instrumnet Name : P7
 Client Sample ID : SP-2LDL Dilution Factor : 25
 Date & Time Acquired : 2025-06-18 14:01:19 DataFile Name : 047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	4407	4417	4584	4470	2.22	cps
Lead	207-1	3641	3574	3771	3662	2.73	cps
Lead	208-1	17031	16504	17718	17084	3.56	cps
Lithium	6-1	233883	223914	229276	229024	2.18	cps
Magnesium	24-2	43585	43842	44227	43885	0.74	cps
Manganese	55-2	29412	30130	29452	29665	1.36	cps
Molybdenum	94-1	540	513	563	539	4.64	cps
Molybdenum	95-1	453	467	540	487	9.59	cps
Molybdenum	96-1	660	617	630	636	3.49	cps
Molybdenum	97-1	277	307	300	294	5.35	cps
Molybdenum	98-1	787	737	750	758	3.42	cps
Neodymium	150-1	980	897	950	942	4.48	cps
Neodymium	150-2	530	547	620	566	8.47	cps
Nickel	60-2	897	910	1030	946	7.77	cps
Phosphorus	31-2	553	597	510	553	7.83	cps
Potassium	39-2	100395	102307	101133	101279	0.95	cps
Rhodium	103-1	2767408	2626522	2719563	2704497	2.65	cps
Rhodium	103-2	1625718	1658856	1598762	1627779	1.85	cps
Scandium	45-1	1541675	1487529	1559060	1529421	2.44	cps
Scandium	45-2	127767	127962	128806	128178	0.43	cps
Sdium	23-2	304017	311143	303061	306074	1.44	cps
Selenium	82-1	188	104	141	144	29.32	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	517	523	463	501	6.56	cps
Silicon	28-1	2761257	2767057	3164297	2897537	7.97	cps
Silver	107-1	103	130	90	108	18.90	cps
Silver	109-1	73	83	107	88	19.49	cps
Strontium	86-1	2497	2304	2364	2388	4.14	cps
Strontium	88-1	16513	15912	15865	16097	2.24	cps
Sulfur	34-1	87613	86801	88739	87717	1.11	cps
Terbium	159-1	3667035	3618647	3704740	3663474	1.18	cps
Terbium	159-2	2550780	2589085	2540791	2560219	1.00	cps
Thallium	203-1	310	313	300	308	2.25	cps
Thallium	205-1	680	683	760	708	6.39	cps
Tin	118-1	1760	1753	1713	1742	1.45	cps
Titanium	47-1	29886	30160	30147	30064	0.51	cps

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : Q2289-02LDLX25 Instrumnet Name : P7
Client Sample ID : SP-2LDL Dilution Factor : 25
Date & Time Acquired : 2025-06-18 14:01:19 DataFile Name : 047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	827	667	737	743	10.79	cps
Vanadium	51-2	2680	2674	2877	2744	4.21	cps
Yttrium	89-1	5344138	5071536	5212092	5209255	2.62	cps
Yttrium	89-2	1282308	1295854	1384129	1320764	4.19	cps
Zinc	66-2	3180	3010	3050	3080	2.89	cps
Zirconium	90-1	963	640	630	745	25.48	cps
Zirconium	91-1	190	190	150	177	13.07	cps

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : Q2289-02MSDLX5 Instrumnet Name : P7
Client Sample ID : SP-2MSDL Dilution Factor : 5
Date & Time Acquired : 2025-06-18 14:04:39 DataFile Name : 048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	466435	458108	470604	465049	1.37	cps
Antimony	121-1	437357	432676	435045	435026	0.54	cps
Arsenic	75-2	300	253	210	254	17.69	cps
Barium	135-1	523971	522425	521955	522784	0.20	cps
Barium	137-1	907466	900065	901486	903006	0.43	cps
Beryllium	9-1	46510	45691	45567	45922	1.12	cps
Bismuth	209-1	2134511	2128603	2140468	2134527	0.28	cps
Bismuth	209-2	1848364	1604207	1820109	1757560	7.60	cps
Bromine	81-1	24390	25709	25656	25252	2.96	cps
Bromine	81-2	520	583	533	546	6.12	cps
Cadmium	108-1	8683	8546	8586	8605	0.82	cps
Cadmium	106-1	13943	13707	13496	13715	1.63	cps
Cadmium	111-1	123924	125047	124704	124558	0.46	cps
Calcium	43-1	148550	147026	149294	148290	0.78	cps
Calcium	44-1	2557172	2490564	2534641	2527459	1.34	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	181758	181435	182258	181817	0.23	cps
Cobalt	59-2	284865	286519	283370	284918	0.55	cps
Copper	63-2	2176380	2127467	2113148	2138998	1.55	cps
Dysprosium	156-1	2324	2214	2140	2226	4.15	cps
Dysprosium	156-2	2174	2290	2180	2215	2.96	cps
Erbium	164-1	1933	2244	2040	2072	7.60	cps
Erbium	164-2	1513	1353	1513	1460	6.33	cps
Gadolinium	160-1	2177	2224	2177	2192	1.23	cps
Gadolinium	160-2	1780	1830	1523	1711	9.62	cps
Holmium	165-1	3640919	3584035	3587409	3604121	0.89	cps
Holmium	165-2	2565842	2581588	2585152	2577527	0.40	cps
Indium	115-1	3078324	3026364	3015141	3039943	1.11	cps
Indium	115-2	1002365	1002432	997314	1000704	0.29	cps
Iron	56-2	15728482	16083480	15964979	15925647	1.13	cps
Iron	57-2	381021	378791	377620	379144	0.46	cps
Iron	54-2	832589	822628	832047	829088	0.68	cps
Krypton	83-1	287	360	313	320	11.60	cps

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : Q2289-02MSDLX5 Instrumnet Name : P7
Client Sample ID : SP-2MSDL Dilution Factor : 5
Date & Time Acquired : 2025-06-18 14:04:39 DataFile Name : 048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1561415	1754292	1773365	1696357	6.91	cps
Lead	207-1	1378636	1375771	1390633	1381680	0.57	cps
Lead	208-1	6745463	6989766	6973629	6902953	1.98	cps
Lithium	6-1	243479	237857	243443	241593	1.34	cps
Magnesium	24-2	2036521	1937584	1989414	1987840	2.49	cps
Manganese	55-2	1665104	1647141	1622818	1645021	1.29	cps
Molybdenum	94-1	737886	735822	731099	734936	0.47	cps
Molybdenum	95-1	792039	799320	799225	796861	0.52	cps
Molybdenum	96-1	897521	903795	893760	898359	0.56	cps
Molybdenum	97-1	488220	493007	496523	492583	0.85	cps
Molybdenum	98-1	1283101	1277229	1282034	1280788	0.24	cps
Neodymium	150-1	4244	3764	4077	4028	6.05	cps
Neodymium	150-2	2490	2630	2470	2530	3.45	cps
Nickel	60-2	75358	74608	75352	75106	0.57	cps
Phosphorus	31-2	1023	1017	983	1008	2.13	cps
Potassium	39-2	1314261	1281067	1271799	1289042	1.73	cps
Rhodium	103-1	2835833	2761987	2762934	2786918	1.52	cps
Rhodium	103-2	1606784	1645117	1634138	1628679	1.21	cps
Scandium	45-1	1636602	1609569	1616023	1620731	0.87	cps
Scandium	45-2	131209	130638	128672	130173	1.02	cps
Sdium	23-2	4214013	4219617	4297126	4243585	1.09	cps
Selenium	82-1	9426	9541	9489	9485	0.60	cps
Selenium	77-2	957	993	967	972	1.95	cps
Selenium	78-2	3584	3864	3804	3751	3.93	cps
Silicon	28-1	9233143	9036056	9218211	9162470	1.20	cps
Silver	107-1	98733	98988	100052	99257	0.70	cps
Silver	109-1	93483	93372	94395	93750	0.60	cps
Strontium	86-1	187867	187661	188052	187860	0.10	cps
Strontium	88-1	1756425	1767257	1818367	1780683	1.86	cps
Sulfur	34-1	104296	105105	104417	104606	0.42	cps
Terbium	159-1	3769558	3804990	3737862	3770803	0.89	cps
Terbium	159-2	2674934	2701484	2630226	2668881	1.35	cps
Thallium	203-1	395372	392415	394195	393994	0.38	cps
Thallium	205-1	908311	906211	909321	907948	0.17	cps
Tin	118-1	338058	336803	336434	337098	0.25	cps
Titanium	47-1	138343	138057	140093	138831	0.79	cps

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : Q2289-02MSDLX5 Instrumnet Name : P7
Client Sample ID : SP-2MSDL Dilution Factor : 5
Date & Time Acquired : 2025-06-18 14:04:39 DataFile Name : 048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1192460	1201448	1199679	1197862	0.40	cps
Vanadium	51-2	166293	164309	167219	165940	0.90	cps
Yttrium	89-1	5497947	5478955	5487416	5488106	0.17	cps
Yttrium	89-2	1417700	1412154	1439693	1423182	1.02	cps
Zinc	66-2	383735	384697	381141	383191	0.48	cps
Zirconium	90-1	767179	772242	772557	770659	0.39	cps
Zirconium	91-1	170562	173717	171284	171854	0.96	cps

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : Q2289-02MSDDLX5 Instrumnet Name : P7
Client Sample ID : SP-2MSDDL Dilution Factor : 5
Date & Time Acquired : 2025-06-18 14:07:51 DataFile Name : 049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	447772	441446	439523	442914	0.97	cps
Antimony	121-1	412942	413340	411944	412742	0.17	cps
Arsenic	75-2	190	203	267	220	18.62	cps
Barium	135-1	498157	497760	493624	496513	0.51	cps
Barium	137-1	858576	851609	845790	851992	0.75	cps
Beryllium	9-1	43441	42772	42659	42957	0.98	cps
Bismuth	209-1	2173474	2129795	2124522	2142597	1.25	cps
Bismuth	209-2	1812786	1855693	1851772	1840083	1.29	cps
Bromine	81-1	24517	24380	24884	24594	1.06	cps
Bromine	81-2	540	553	473	522	8.21	cps
Cadmium	108-1	8342	8232	8212	8262	0.85	cps
Cadmium	106-1	12842	12916	12722	12827	0.76	cps
Cadmium	111-1	117958	118210	116504	117557	0.78	cps
Calcium	43-1	138026	138025	136457	137503	0.66	cps
Calcium	44-1	2387769	2308017	2365507	2353764	1.75	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	169154	170328	169506	169663	0.35	cps
Cobalt	59-2	270963	267680	264698	267780	1.17	cps
Copper	63-2	2048656	2038480	2015475	2034204	0.84	cps
Dysprosium	156-1	2204	2180	2270	2218	2.11	cps
Dysprosium	156-2	2034	2080	2037	2050	1.27	cps
Erbium	164-1	2007	1947	1980	1978	1.52	cps
Erbium	164-2	1423	1483	1367	1425	4.10	cps
Gadolinium	160-1	2060	2127	2104	2097	1.61	cps
Gadolinium	160-2	1543	1657	1757	1652	6.46	cps
Holmium	165-1	3645646	3540819	3648258	3611574	1.70	cps
Holmium	165-2	2576517	2641026	2572990	2596844	1.47	cps
Indium	115-1	3083605	3038979	3030739	3051107	0.93	cps
Indium	115-2	1004947	1004210	996583	1001913	0.46	cps
Iron	56-2	15335364	15206973	14893761	15145366	1.50	cps
Iron	57-2	361117	358297	356666	358693	0.63	cps
Iron	54-2	787293	782008	776055	781785	0.72	cps
Krypton	83-1	310	337	350	332	6.13	cps

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : Q2289-02MSDDLX5 Instrumnet Name : P7
Client Sample ID : SP-2MSDDL Dilution Factor : 5
Date & Time Acquired : 2025-06-18 14:07:51 DataFile Name : 049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1477028	1477886	1455620	1470178	0.86	cps
Lead	207-1	1291033	1303766	1304812	1299871	0.59	cps
Lead	208-1	6372020	6470608	6332576	6391735	1.11	cps
Lithium	6-1	244567	242330	238572	241823	1.25	cps
Magnesium	24-2	1839830	1861796	1779137	1826921	2.34	cps
Manganese	55-2	1532046	1599936	1536580	1556187	2.44	cps
Molybdenum	94-1	694150	694428	691957	693512	0.20	cps
Molybdenum	95-1	750963	752243	750448	751218	0.12	cps
Molybdenum	96-1	850277	844171	848454	847634	0.37	cps
Molybdenum	97-1	465077	466171	465011	465420	0.14	cps
Molybdenum	98-1	1200603	1206337	1199637	1202192	0.30	cps
Neodymium	150-1	3884	4107	3717	3903	5.02	cps
Neodymium	150-2	2497	2420	2360	2426	2.82	cps
Nickel	60-2	86937	84748	86089	85924	1.28	cps
Phosphorus	31-2	1017	1010	960	996	3.11	cps
Potassium	39-2	1224673	1229816	1228541	1227677	0.22	cps
Rhodium	103-1	2754004	2830710	2779479	2788064	1.40	cps
Rhodium	103-2	1637874	1626719	1620797	1628463	0.53	cps
Scandium	45-1	1620159	1612969	1592876	1608668	0.88	cps
Scandium	45-2	132669	128900	131402	130990	1.46	cps
Sdium	23-2	4023867	3938714	3944135	3968905	1.20	cps
Selenium	82-1	8977	9260	8854	9030	2.31	cps
Selenium	77-2	933	820	860	871	6.60	cps
Selenium	78-2	3427	3634	3547	3536	2.94	cps
Silicon	28-1	9123127	8753618	8800613	8892453	2.26	cps
Silver	107-1	93787	93995	94149	93977	0.19	cps
Silver	109-1	89756	89296	90366	89806	0.60	cps
Strontium	86-1	176637	176744	177710	177030	0.33	cps
Strontium	88-1	1674040	1663856	1656289	1664728	0.54	cps
Sulfur	34-1	102792	102517	102058	102456	0.36	cps
Terbium	159-1	3864307	3826152	3767473	3819311	1.28	cps
Terbium	159-2	2661621	2594493	2652477	2636197	1.38	cps
Thallium	203-1	373036	376339	375814	375063	0.47	cps
Thallium	205-1	868769	869074	868135	868659	0.06	cps
Tin	118-1	316852	318253	318660	317921	0.30	cps
Titanium	47-1	130531	132938	130373	131280	1.10	cps

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : Q2289-02MSDDLX5 Instrumnet Name : P7
Client Sample ID : SP-2MSDDL Dilution Factor : 5
Date & Time Acquired : 2025-06-18 14:07:51 DataFile Name : 049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1144179	1144966	1139155	1142767	0.28	cps
Vanadium	51-2	156526	159639	155230	157132	1.44	cps
Yttrium	89-1	5418231	5301133	5387567	5368977	1.13	cps
Yttrium	89-2	1424746	1440934	1327366	1397682	4.40	cps
Zinc	66-2	354043	352267	354932	353747	0.38	cps
Zirconium	90-1	729975	731570	727142	729562	0.31	cps
Zirconium	91-1	162786	164498	163661	163648	0.52	cps

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : Q2289-02ADLX5 Instrumnet Name : P7
Client Sample ID : SP-2ADL Dilution Factor : 5
Date & Time Acquired : 2025-06-18 14:11:05 DataFile Name : 050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	441882	445612	447698	445064	0.66	cps
Antimony	121-1	402061	404880	402187	403043	0.40	cps
Arsenic	75-2	243	253	183	227	16.70	cps
Barium	135-1	495410	499505	495920	496945	0.45	cps
Barium	137-1	861378	865068	852739	859728	0.74	cps
Beryllium	9-1	42100	43701	42388	42730	2.00	cps
Bismuth	209-1	2121436	2132654	2098998	2117696	0.81	cps
Bismuth	209-2	1586076	1792175	1590204	1656152	7.11	cps
Bromine	81-1	24748	25075	24744	24856	0.76	cps
Bromine	81-2	543	617	527	562	8.52	cps
Cadmium	108-1	8032	7966	8236	8078	1.74	cps
Cadmium	106-1	12869	12889	12752	12837	0.58	cps
Cadmium	111-1	115711	114872	115212	115265	0.37	cps
Calcium	43-1	137218	139602	138011	138277	0.88	cps
Calcium	44-1	2380988	2406099	2360293	2382460	0.96	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	167029	168005	166236	167090	0.53	cps
Cobalt	59-2	266185	265564	262327	264692	0.78	cps
Copper	63-2	1978112	1974924	1957490	1970175	0.56	cps
Dysprosium	156-1	2050	2227	2007	2095	5.56	cps
Dysprosium	156-2	1887	2087	2134	2036	6.44	cps
Erbium	164-1	1920	2037	1977	1978	2.95	cps
Erbium	164-2	1580	1440	1360	1460	7.63	cps
Gadolinium	160-1	2164	2020	2140	2108	3.65	cps
Gadolinium	160-2	1640	1670	1720	1677	2.41	cps
Holmium	165-1	3557785	3555650	3598103	3570513	0.67	cps
Holmium	165-2	2599105	2584809	2550324	2578080	0.97	cps
Indium	115-1	3058960	3025990	2951268	3012073	1.83	cps
Indium	115-2	988612	989422	983293	987109	0.34	cps
Iron	56-2	15262482	14970906	15275133	15169507	1.13	cps
Iron	57-2	363424	363150	358210	361595	0.81	cps
Iron	54-2	791747	794713	784734	790398	0.65	cps
Krypton	83-1	290	327	293	303	6.68	cps

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : Q2289-02ADLX5 Instrumnet Name : P7
Client Sample ID : SP-2ADL Dilution Factor : 5
Date & Time Acquired : 2025-06-18 14:11:05 DataFile Name : 050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1478547	1487217	1462159	1475974	0.86	cps
Lead	207-1	1300862	1302666	1296931	1300153	0.23	cps
Lead	208-1	6513694	6428350	6350243	6430762	1.27	cps
Lithium	6-1	241590	242771	238793	241052	0.85	cps
Magnesium	24-2	1813973	1870996	1834560	1839843	1.57	cps
Manganese	55-2	1535354	1553440	1531854	1540216	0.75	cps
Molybdenum	94-1	692540	694089	691643	692757	0.18	cps
Molybdenum	95-1	765445	755365	762247	761019	0.68	cps
Molybdenum	96-1	859558	842855	851967	851460	0.98	cps
Molybdenum	97-1	469553	469084	466864	468500	0.31	cps
Molybdenum	98-1	1214738	1222189	1211369	1216099	0.46	cps
Neodymium	150-1	3774	3897	3991	3887	2.80	cps
Neodymium	150-2	2227	2407	2430	2355	4.73	cps
Nickel	60-2	67883	68945	68161	68329	0.81	cps
Phosphorus	31-2	900	950	997	949	5.09	cps
Potassium	39-2	1227741	1212831	1231784	1224119	0.82	cps
Rhodium	103-1	2830658	2688701	2774408	2764589	2.59	cps
Rhodium	103-2	1622879	1626383	1619682	1622981	0.21	cps
Scandium	45-1	1605507	1626319	1577962	1603263	1.51	cps
Scandium	45-2	128436	130359	129069	129288	0.76	cps
Sdium	23-2	3940350	4087762	3963525	3997212	1.98	cps
Selenium	82-1	8944	8591	8826	8787	2.04	cps
Selenium	77-2	900	823	970	898	8.17	cps
Selenium	78-2	3394	3560	3600	3518	3.12	cps
Silicon	28-1	8795307	9263700	9004193	9021067	2.60	cps
Silver	107-1	91436	93552	92680	92556	1.15	cps
Silver	109-1	88213	87143	86503	87287	0.99	cps
Strontium	86-1	174077	171784	173683	173181	0.71	cps
Strontium	88-1	1655286	1649624	1653709	1652873	0.18	cps
Sulfur	34-1	101940	102960	102350	102417	0.50	cps
Terbium	159-1	3835784	3784561	3728023	3782789	1.42	cps
Terbium	159-2	2640478	2583471	2591038	2604996	1.19	cps
Thallium	203-1	367337	366690	362643	365557	0.70	cps
Thallium	205-1	848463	855214	840440	848039	0.87	cps
Tin	118-1	321209	323135	317558	320634	0.88	cps
Titanium	47-1	132131	134082	132071	132761	0.86	cps

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : Q2289-02ADLX5 Instrumnet Name : P7
Client Sample ID : SP-2ADL Dilution Factor : 5
Date & Time Acquired : 2025-06-18 14:11:05 DataFile Name : 050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1112004	1120962	1107456	1113474	0.62	cps
Vanadium	51-2	152775	153664	153216	153218	0.29	cps
Yttrium	89-1	5475972	5432266	5468098	5458779	0.43	cps
Yttrium	89-2	1308537	1305928	1303318	1305928	0.20	cps
Zinc	66-2	358935	357550	353152	356546	0.85	cps
Zirconium	90-1	699657	711305	703117	704693	0.85	cps
Zirconium	91-1	157593	159551	159516	158887	0.71	cps

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : CCV4 Instrumnet Name : P7
Client Sample ID : CCV4 Dilution Factor : 1
Date & Time Acquired : 2025-06-18 14:15:26 DataFile Name : 051CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5012922	4968051	5032219	5004397	0.66	cps
Antimony	121-1	2179064	2262172	2259185	2233474	2.11	cps
Arsenic	75-2	113252	113393	113426	113357	0.08	cps
Barium	135-1	2981810	3037767	3068186	3029254	1.45	cps
Barium	137-1	5022802	5053812	5072826	5049813	0.50	cps
Beryllium	9-1	216553	218503	218865	217974	0.57	cps
Bismuth	209-1	1902033	1902477	1941283	1915264	1.18	cps
Bismuth	209-2	1455677	1433719	1423073	1437490	1.16	cps
Bromine	81-1	22718	23442	23322	23161	1.68	cps
Bromine	81-2	180	143	190	171	14.36	cps
Cadmium	108-1	38802	39374	39457	39211	0.91	cps
Cadmium	106-1	56469	58199	57473	57381	1.51	cps
Cadmium	111-1	542165	558303	553229	551232	1.50	cps
Calcium	43-1	3230357	3178162	3218457	3208992	0.85	cps
Calcium	44-1	52220471	53096273	52522649	52613131	0.85	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	835140	827134	833364	831879	0.51	cps
Cobalt	59-2	1416974	1284452	1307518	1336315	5.30	cps
Copper	63-2	9867821	9710691	9997142	9858551	1.46	cps
Dysprosium	156-1	117	130	157	134	15.15	cps
Dysprosium	156-2	253	260	200	238	13.83	cps
Erbium	164-1	307	277	257	280	8.99	cps
Erbium	164-2	227	207	277	237	15.23	cps
Gadolinium	160-1	150	107	177	144	24.46	cps
Gadolinium	160-2	270	213	160	214	25.65	cps
Holmium	165-1	3362866	3394911	3499852	3419209	2.10	cps
Holmium	165-2	2492525	2499455	2448356	2480112	1.12	cps
Indium	115-1	2760615	2784651	2799384	2781550	0.70	cps
Indium	115-2	916819	920675	915466	917653	0.29	cps
Iron	56-2	229548657	225094030	225888923	226843870	1.05	cps
Iron	57-2	5690263	5664794	5730653	5695237	0.58	cps
Iron	54-2	12372444	12380233	12262651	12338443	0.53	cps
Krypton	83-1	320	257	313	297	11.73	cps

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : CCV4 Instrumnet Name : P7
Client Sample ID : CCV4 Dilution Factor : 1
Date & Time Acquired : 2025-06-18 14:15:26 DataFile Name : 051CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	8316099	8582371	8437798	8445423	1.58	cps
Lead	207-1	7480207	7589848	7619588	7563214	0.97	cps
Lead	208-1	33916678	34488049	34174583	34193103	0.84	cps
Lithium	6-1	231919	237188	234694	234600	1.12	cps
Magnesium	24-2	43850183	43596299	43461198	43635893	0.45	cps
Manganese	55-2	7460394	7246935	7263046	7323458	1.62	cps
Molybdenum	94-1	7856659	7954701	8070602	7960654	1.35	cps
Molybdenum	95-1	11397786	11602661	11696707	11565718	1.32	cps
Molybdenum	96-1	12474154	12696389	12658838	12609793	0.94	cps
Molybdenum	97-1	7135264	7217718	7180529	7177837	0.58	cps
Molybdenum	98-1	18419720	18594594	18755220	18589845	0.90	cps
Neodymium	150-1	183	200	203	196	5.48	cps
Neodymium	150-2	80	80	70	77	7.53	cps
Nickel	60-2	330400	330031	331505	330645	0.23	cps
Phosphorus	31-2	50811	50323	50333	50489	0.55	cps
Potassium	39-2	27779675	28216209	27885153	27960346	0.81	cps
Rhodium	103-1	2502636	2538972	2515830	2519146	0.73	cps
Rhodium	103-2	1360240	1349677	1352560	1354159	0.40	cps
Scandium	45-1	1547761	1539337	1577483	1554860	1.29	cps
Scandium	45-2	125193	126867	126066	126042	0.66	cps
Sdium	23-2	70135792	70427169	68998654	69853872	1.08	cps
Selenium	82-1	39884	40131	40466	40160	0.73	cps
Selenium	77-2	4264	4124	4351	4246	2.69	cps
Selenium	78-2	15068	14417	14841	14775	2.24	cps
Silicon	28-1	4303716	4471779	4425971	4400489	1.97	cps
Silver	107-1	2949916	2959350	2969373	2959546	0.33	cps
Silver	109-1	2788743	2851834	2819530	2820036	1.12	cps
Strontium	86-1	709719	722122	722616	718153	1.02	cps
Strontium	88-1	6823684	6836752	6860975	6840470	0.28	cps
Sulfur	34-1	261601	263835	263145	262860	0.44	cps
Terbium	159-1	3603513	3666528	3519955	3596666	2.04	cps
Terbium	159-2	2530520	2473213	2519366	2507700	1.21	cps
Thallium	203-1	2087674	2132185	2159201	2126353	1.70	cps
Thallium	205-1	4807873	5039112	4920024	4922336	2.35	cps
Tin	118-1	1937988	2007313	2006916	1984073	2.01	cps
Titanium	47-1	2786477	2893559	2861638	2847225	1.93	cps

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : CCV4 Instrumnet Name : P7
Client Sample ID : CCV4 Dilution Factor : 1
Date & Time Acquired : 2025-06-18 14:15:26 DataFile Name : 051CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	6713110	6740967	6824416	6759498	0.86	cps
Vanadium	51-2	730024	728986	734957	731322	0.44	cps
Yttrium	89-1	5090365	5100048	5221857	5137423	1.43	cps
Yttrium	89-2	1247989	1247633	1254208	1249943	0.30	cps
Zinc	66-2	1739568	1727742	1790718	1752676	1.91	cps
Zirconium	90-1	3995588	4145016	4040796	4060467	1.89	cps
Zirconium	91-1	823410	838725	833180	831772	0.93	cps

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : CCB4 Instrumnet Name : P7
Client Sample ID : CCB4 Dilution Factor : 1
Date & Time Acquired : 2025-06-18 14:18:20 DataFile Name : 052CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	487	490	513	497	2.93	cps
Antimony	121-1	433	513	560	502	12.76	cps
Arsenic	75-2	7	13	10	10	33.30	cps
Barium	135-1	70	73	57	67	13.22	cps
Barium	137-1	127	107	140	124	13.48	cps
Beryllium	9-1	13	37	20	23	51.52	cps
Bismuth	209-1	1995351	2029812	2049071	2024745	1.34	cps
Bismuth	209-2	1568389	1549660	1536358	1551469	1.04	cps
Bromine	81-1	23205	23465	22781	23151	1.49	cps
Bromine	81-2	153	130	160	148	10.66	cps
Cadmium	108-1	3	3	7	4	43.40	cps
Cadmium	106-1	1143	1190	1200	1178	2.57	cps
Cadmium	111-1	841	881	865	862	2.30	cps
Calcium	43-1	390	357	350	366	5.86	cps
Calcium	44-1	6838	6575	6428	6614	3.14	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1370	1327	1307	1335	2.43	cps
Cobalt	59-2	53	100	67	73	32.78	cps
Copper	63-2	1900	1733	1807	1813	4.61	cps
Dysprosium	156-1	7	3	7	6	34.70	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	17	20	7	14	48.02	cps
Erbium	164-2	20	20	30	23	24.74	cps
Gadolinium	160-1	23	20	13	19	26.96	cps
Gadolinium	160-2	157	147	103	136	20.92	cps
Holmium	165-1	3399448	3439423	3513311	3450727	1.67	cps
Holmium	165-2	2485014	2488617	2534941	2502858	1.11	cps
Indium	115-1	2957345	2946931	2918088	2940788	0.69	cps
Indium	115-2	971983	974675	971102	972586	0.19	cps
Iron	56-2	22050	22243	21733	22008	1.17	cps
Iron	57-2	1423	1413	1407	1415	0.59	cps
Iron	54-2	2474	2360	2387	2407	2.46	cps
Krypton	83-1	393	347	297	346	13.99	cps

LB Number : LB136195 Operator : Jaswal
 Lab Sample ID : CCB4 Instrumnet Name : P7
 Client Sample ID : CCB4 Dilution Factor : 1
 Date & Time Acquired : 2025-06-18 14:18:20 DataFile Name : 052CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	720	750	690	720	4.17	cps
Lead	207-1	543	733	610	629	15.33	cps
Lead	208-1	2703	2933	2900	2846	4.37	cps
Lithium	6-1	239472	234793	236652	236972	0.99	cps
Magnesium	24-2	890	960	847	899	6.36	cps
Manganese	55-2	1247	1167	1280	1231	4.73	cps
Molybdenum	94-1	497	563	583	548	8.28	cps
Molybdenum	95-1	600	587	510	566	8.59	cps
Molybdenum	96-1	703	650	643	666	4.94	cps
Molybdenum	97-1	370	363	370	368	1.05	cps
Molybdenum	98-1	937	977	957	957	2.09	cps
Neodymium	150-1	17	7	3	9	78.08	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	380	333	300	338	11.90	cps
Phosphorus	31-2	390	397	343	377	7.72	cps
Potassium	39-2	47059	46584	47180	46941	0.67	cps
Rhodium	103-1	2755898	2716580	2713018	2728499	0.87	cps
Rhodium	103-2	1609233	1604068	1583529	1598944	0.85	cps
Scandium	45-1	1568459	1590996	1577860	1579105	0.72	cps
Scandium	45-2	125960	126951	125022	125977	0.77	cps
Sdium	23-2	16372	16869	16519	16587	1.54	cps
Selenium	82-1	67	69	63	66	5.22	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	557	493	517	522	6.13	cps
Silicon	28-1	740031	691098	687606	706245	4.15	cps
Silver	107-1	320	220	213	251	23.80	cps
Silver	109-1	307	193	183	228	30.07	cps
Strontium	86-1	527	510	460	499	6.95	cps
Strontium	88-1	247	180	243	223	16.82	cps
Sulfur	34-1	100253	99967	99273	99831	0.50	cps
Terbium	159-1	3615136	3540741	3645385	3600421	1.50	cps
Terbium	159-2	2518090	2562798	2508175	2529687	1.15	cps
Thallium	203-1	383	433	523	447	15.88	cps
Thallium	205-1	1070	1050	953	1024	6.09	cps
Tin	118-1	977	933	1093	1001	8.27	cps
Titanium	47-1	113	130	100	114	13.13	cps

LB Number : LB136195 Operator : Jaswal
Lab Sample ID : CCB4 Instrumnet Name : P7
Client Sample ID : CCB4 Dilution Factor : 1
Date & Time Acquired : 2025-06-18 14:18:20 DataFile Name : 052CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	157	147	177	160	9.55	cps
Vanadium	51-2	17	23	17	19	20.36	cps
Yttrium	89-1	5101809	5252993	5289151	5214651	1.91	cps
Yttrium	89-2	1267263	1261609	1273174	1267349	0.46	cps
Zinc	66-2	610	517	553	560	8.40	cps
Zirconium	90-1	507	477	560	514	8.20	cps
Zirconium	91-1	120	113	147	127	13.92	cps

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: 06/17/2025 Time : 10:10 Temp : 96 °C

End Digest Date: 06/17/2025 Time : 12:15 Temp : 96 °C

Digestion tube ID: M5595

Block thermometer ID: MET-DIG. #1

Dig Technician Signature: *5/28*

Supervisor Signature: *[Signature]*

Temp : 1. 96°C 2. N/A

Standard Name	MLS USED	STD REF. # FROM LOG
Spike Sol 1	0.50	MP85846
Spike Sol 2	1.00	MP85847
Spike Sol 3	1.00	MP85848
Spike Sol 4	1.00	MP85849
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 96 C
X*MP85848,MP85849

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
06/17/25 13:15	<i>SKS. mch. d'g</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
PB168510BL	PBW510	<2	50	50	Colorless	Colorless	Clear	Clear	N/A	14
PB168510BS	LCS510	<2	50	50	Colorless	Colorless	Clear	Clear	MP85846,MP85847,X*	15
Q2289-01	SP-1	<2	50	50	light Brown	light Brown	Cloudy	Clear	N/A	16
Q2289-02	SP-2	<2	50	50	light Brown	light Brown	Cloudy	Clear	N/A	17
Q2289-02MS	SP-2MS	<2	50	50	light Brown	light Brown	Cloudy	Clear	MP85846,MP85847,X*	19
Q2289-02MSD	SP-2MSD	<2	50	50	light Brown	light Brown	Cloudy	Clear	MP85846,MP85847,X*	20
Q2289-02DUP	SP-2DUP	<2	50	50	light Brown	light Brown	Cloudy	Clear	N/A	18
Q2289-03	SP-3	<2	50	50	Brown Brown	light Brown	Cloudy	Clear	N/A	21

WORKLIST(Hardcopy Internal Chain)

Worklist Name : PB168510

Worklist ID : 190237

Department : Digestion

Date : 06-17-2025 09:45:57

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2289-01	SP-1	Water	Metals ICP-Group1	1:1 HNO3 to pH < 2	ATGG01	A11	06/10/2025	6020B
Q2289-02	SP-2	Water	Metals ICP-Group1	1:1 HNO3 to pH < 2	ATGG01	A11	06/10/2025	6020B
Q2289-03	SP-3	Water	Metals ICP-Group1	1:1 HNO3 to pH < 2	ATGG01	A11	06/10/2025	6020B

Date/Time

06/17/2025

10:00

Raw Sample Received by:

SRG.mcl.dlg

Raw Sample Relinquished by:

SRG.mcl.dlg

Date/Time

06/17/2025

11:15

Raw Sample Received by:

SRG.mcl.dlg

Raw Sample Relinquished by:

SRG.mcl.dlg

Instrument ID: P7

Daily Analysis Runlog For Sequence/QC Batch ID # LB136195

Review By	Review On
Supervise By	Supervise On

STD. NAME	STD REF.#
ICAL Standard ICV Standard CCV Standard ICSA Standard CRI Standard LCS Standard Chk Standard	

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	TUNE	TUNE	TUNE	06/18/25 10:37		Jaswal	OK
2	S0	S0	CAL1	06/18/25 11:14		Jaswal	OK
3	S2	S2	CAL3	06/18/25 11:18		Jaswal	OK
4	S3	S3	CAL4	06/18/25 11:24		Jaswal	OK
5	S4	S4	CAL5	06/18/25 11:31		Jaswal	OK
6	S5	S5	CAL6	06/18/25 11:34		Jaswal	OK
7	S6	S6	CAL7	06/18/25 11:37		Jaswal	OK
8	S7	S7	CAL8	06/18/25 11:40		Jaswal	OK
9	S8	S8	CAL9	06/18/25 11:43		Jaswal	OK
10	ICV1	ICV1	ICV	06/18/25 12:01		Jaswal	OK
11	LLICV1	LLICV1	LLICV	06/18/25 12:08		Jaswal	OK
12	ICB1	ICB1	ICB	06/18/25 12:13		Jaswal	OK
13	ICSA1	ICSA1	ICSA	06/18/25 12:30		Jaswal	OK
14	ICSAB1	ICSAB1	ICSAB	06/18/25 12:45		Jaswal	OK
15	CCV1	CCV1	CCV	06/18/25 12:48		Jaswal	OK
16	CCB1	CCB1	CCB	06/18/25 12:51		Jaswal	OK
17	CRI	CRI	CRDL	06/18/25 12:55		Jaswal	OK
18	Q2289-01	SP-1	SAM	06/18/25 12:59		Jaswal	OK

Instrument ID: P7

Daily Analysis Runlog For Sequence/QC Batch ID # LB136195

Review By	Review On
Supervise By	Supervise On

STD. NAME	STD REF.#
ICAL Standard ICV Standard CCV Standard ICSA Standard CRI Standard LCS Standard Chk Standard	

19	Q2289-02	SP-2	SAM	06/18/25 13:02		Jaswal	OK
20	Q2289-03	SP-3	SAM	06/18/25 13:05		Jaswal	OK
21	PB168510BL	PB168510BL	MB	06/18/25 13:08		Jaswal	OK
22	CCV2	CCV2	CCV	06/18/25 13:12		Jaswal	OK
23	CCB2	CCB2	CCB	06/18/25 13:15		Jaswal	OK
24	PB168510BS	PB168510BS	LCS	06/18/25 13:18		Jaswal	OK
25	Q2289-02DUP	SP-2DUP	DUP	06/18/25 13:21		Jaswal	OK
26	Q2289-02L	SP-2L	SD	06/18/25 13:24		Jaswal	OK
27	Q2289-02MS	SP-2MS	MS	06/18/25 13:27		Jaswal	OK
28	Q2289-02MSD	SP-2MSD	MSD	06/18/25 13:30		Jaswal	OK
29	Q2289-02A	SP-2A	PS	06/18/25 13:33		Jaswal	OK
30	Q2289-01DL	SP-1DL	SAM	06/18/25 13:36	Not required	Jaswal	Not Ok
31	Q2289-02DL	SP-2DL	SAM	06/18/25 13:39	Not required	Jaswal	Not Ok
32	Q2289-03DL	SP-3DL	SAM	06/18/25 13:43	Not required	Jaswal	Not Ok
33	CCV3	CCV3	CCV	06/18/25 13:49		Jaswal	OK
34	CCB3	CCB3	CCB	06/18/25 13:52		Jaswal	OK
35	Q2289-02DUPDL	SP-2DUPDL	DUP	06/18/25 13:58	Not required	Jaswal	Not Ok
36	Q2289-02LDL	SP-2LDL	SD	06/18/25 14:01	Not required	Jaswal	Not Ok
37	Q2289-02MSDL	SP-2MSDL	MS	06/18/25 14:04	Not required	Jaswal	Not Ok
38	Q2289-02MSDDL	SP-2MSDDL	MSD	06/18/25 14:07	Not required	Jaswal	Not Ok

Instrument ID: P7

Daily Analysis Runlog For Sequence/QCBatch ID # LB136195

Review By	Review On
Supervise By	Supervise On

STD. NAME	STD REF.#
ICAL Standard ICV Standard CCV Standard ICSA Standard CRI Standard LCS Standard Chk Standard	

39	Q2289-02ADL	SP-2ADL	PS	06/18/25 14:11	Not required	Jaswal	Not Ok
40	CCV4	CCV4	CCV	06/18/25 14:15		Jaswal	OK
41	CCB4	CCB4	CCB	06/18/25 14:18		Jaswal	OK



SHIPPING DOCUMENTS

2289



284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax: (908) 788-9222
www.chemtech.net

Alliance Project Number: AEC-2025-0013

CHAIN OF CUSTODY RECORD

COC Number:

CLIENT INFORMATION

PROJECT INFORMATION

BILLING INFORMATION

COMPANY: Durham School Services
ADDRESS: 62 Fulkerson Dr
CITY Waterbury STATE:CT ZIP:29615
ATTENTION: daniel.maalouf@alliancetg.com
PHONE: FAX:

PROJECT NAME: CSC 4019 Waterbury
PROJECT #:AEC-2025-0013 LOCATION: Waterbury
PROJECT MANAGER:
E-MAIL:
PHONE:864-704-7984 FAX:

BILL TO:candice.caviness@alliancetg.com PO#
ADDRESS:
CITY: STATE: ZIP:
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

DATA DELIVERABLE INFORMATION

FAX: DAYS*
HARD COPY: DAYS*
EDD DAYS*
* TO BE APPROVED BY ALLIANCE
STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

☐ RESULTS ONLY ☐ USEPA CLP
☐ RESULTS + QC ☐ New York State ASP "B"
☐ New Jersey REDUCED ☐ New York State ASP "A"
☐ New Jersey CLP ☐ Other
☐ EDD Format

ANALYSIS

	COD	Total OG	pH	TSS	Total Phos	TKN	Nitrate as Nitrogen	Cu, pb, zn	
1									
2									
3									
4									
5									
6									
7									
8									
9									

PRESERVATIVES

COMMENTS

<-- Specify Preservatives
A-HCl B-HNO3
C-H2SO4 D-NaOH
E-ICE F-Other

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# of Bottles	1	2	3	4	5	6	7	8	9
			COMP	GRAB	DATE	TIME										
1.	SP-1	SW		x		10:50	5	1	1	1	1	1	1	1	1	
2.	SP-2	SW		x		10:26	5	1	1	1	1	1	1	1	1	
3.	SP-3	SW		x		10:33	5	1	1	1	1	1	1	1	1	
4.																
5.																
6.																
7.																
8.																
9.																
10.																

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE PROSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER	DATE/TIME	RECEIVED BY	Conditions of bottles or coolers at receipt: ☐ Compliant ☐ Non Compliant ☐ Cooler Temp 3.0 MeOH extraction requires an additional 4oz. Jar for percent solid Comments:	SHIPPED VIA: CLIENT: ☐ Hand Delivered ☐ Overnight ALLIANCE: ☐ Picked Up ☐ Overnight	Shipment Complete ☐ YES ☐ NO
1. Daniel Maalouf ATG		1.			
RELINQUISHED BY	DATE/TIME 6/11/25	RECEIVED BY 2. [Signature]			
RELINQUISHED BY	DATE/TIME	RECEIVED FOR LAB BY			
3.		3.			

WHITE - ALLIANCE COPYFOR RETURN TO CLIENT YELLOW - ALLIANCE COPY PINK - SAMPLER COPY

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488