

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

LAB CHRONICLE

OrderID:	Q3743	OrderDate:	12/1/2025 9:45:00 AM
Client:	Remington & Vernick	Project:	Saddler Property
Contact:	Justin Zarzecki	Location:	A12,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3743-01	TW-1125-1	Water			11/26/25			11/26/25
			Mercury	7470A		12/04/25	12/04/25	
			Metals ICP-TAL	6020B		12/02/25	12/03/25	
Q3743-02	TW-1125-2	Water			11/26/25			11/26/25
			Mercury	7470A		12/04/25	12/04/25	
			Metals ICP-TAL	6020B		12/02/25	12/03/25	

Hit Summary Sheet
SW-846

SDG No.: Q3743

Order ID: Q3743

Client: Remington & Vernick

Project ID: Saddler Property

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : TW-1125-1								
Q3743-01	TW-1125-1	Water	Aluminum	156000	D	9.70	100	ug/L
Q3743-01	TW-1125-1	Water	Antimony	4.25	JD	0.55	10.0	ug/L
Q3743-01	TW-1125-1	Water	Arsenic	323	D	0.45	5.00	ug/L
Q3743-01	TW-1125-1	Water	Barium	2260	D	1.05	50.0	ug/L
Q3743-01	TW-1125-1	Water	Beryllium	15.2	D	1.60	5.00	ug/L
Q3743-01	TW-1125-1	Water	Cadmium	17.4	D	1.70	5.00	ug/L
Q3743-01	TW-1125-1	Water	Calcium	144000	D	229	2500	ug/L
Q3743-01	TW-1125-1	Water	Chromium	2560	D	1.05	10.0	ug/L
Q3743-01	TW-1125-1	Water	Cobalt	210	D	0.35	5.00	ug/L
Q3743-01	TW-1125-1	Water	Copper	956	D	1.50	10.0	ug/L
Q3743-01	TW-1125-1	Water	Iron	440000	D	39.1	250	ug/L
Q3743-01	TW-1125-1	Water	Lead	2360	D	1.05	5.00	ug/L
Q3743-01	TW-1125-1	Water	Magnesium	96000	D	97.5	2500	ug/L
Q3743-01	TW-1125-1	Water	Manganese	14000	D	2.15	5.00	ug/L
Q3743-01	TW-1125-1	Water	Nickel	424	D	1.35	5.00	ug/L
Q3743-01	TW-1125-1	Water	Mercury	11.9	D	0.38	1.00	ug/L
Q3743-01	TW-1125-1	Water	Potassium	26100	D	182	2500	ug/L
Q3743-01	TW-1125-1	Water	Selenium	14.7	JD	14.5	25.0	ug/L
Q3743-01	TW-1125-1	Water	Silver	4.55	JD	0.30	5.00	ug/L
Q3743-01	TW-1125-1	Water	Sodium	13400	D	640	2500	ug/L
Q3743-01	TW-1125-1	Water	Thallium	4.15	JD	0.30	5.00	ug/L
Q3743-01	TW-1125-1	Water	Vanadium	368	D	0.39	25.0	ug/L
Q3743-01	TW-1125-1	Water	Zinc	5950	D	6.25	25.0	ug/L
Client ID : TW-1125-2								
Q3743-02	TW-1125-2	Water	Aluminum	48700	D	9.70	100	ug/L
Q3743-02	TW-1125-2	Water	Antimony	3.15	JD	0.55	10.0	ug/L
Q3743-02	TW-1125-2	Water	Arsenic	310	D	0.45	5.00	ug/L
Q3743-02	TW-1125-2	Water	Barium	893	D	1.05	50.0	ug/L
Q3743-02	TW-1125-2	Water	Beryllium	5.05	D	1.60	5.00	ug/L
Q3743-02	TW-1125-2	Water	Cadmium	7.75	D	1.70	5.00	ug/L
Q3743-02	TW-1125-2	Water	Calcium	131000	D	229	2500	ug/L
Q3743-02	TW-1125-2	Water	Chromium	1400	D	1.05	10.0	ug/L
Q3743-02	TW-1125-2	Water	Cobalt	145	D	0.35	5.00	ug/L
Q3743-02	TW-1125-2	Water	Copper	462	D	1.50	10.0	ug/L
Q3743-02	TW-1125-2	Water	Iron	199000	D	39.1	250	ug/L
Q3743-02	TW-1125-2	Water	Lead	1100	D	1.05	5.00	ug/L
Q3743-02	TW-1125-2	Water	Magnesium	64300	D	97.5	2500	ug/L

Hit Summary Sheet
SW-846

SDG No.: Q3743

Order ID: Q3743

Client: Remington & Vernick

Project ID: Saddler Property

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q3743-02	TW-1125-2	Water	Manganese	4750	D	2.15	5.00	ug/L
Q3743-02	TW-1125-2	Water	Nickel	180	D	1.35	5.00	ug/L
Q3743-02	TW-1125-2	Water	Mercury	5.92		0.076	0.20	ug/L
Q3743-02	TW-1125-2	Water	Potassium	16900	D	182	2500	ug/L
Q3743-02	TW-1125-2	Water	Silver	3.05	JD	0.30	5.00	ug/L
Q3743-02	TW-1125-2	Water	Sodium	32700	D	640	2500	ug/L
Q3743-02	TW-1125-2	Water	Thallium	2.15	JD	0.30	5.00	ug/L
Q3743-02	TW-1125-2	Water	Vanadium	94.5	D	0.39	25.0	ug/L
Q3743-02	TW-1125-2	Water	Zinc	3510	D	6.25	25.0	ug/L



SAMPLE DATA

Report of Analysis

Client: Remington & Vernick
Project: Saddler Property
Client Sample ID: TW-1125-1
Lab Sample ID: Q3743-01
Level (low/med): low

Date Collected: 11/26/25
Date Received: 11/26/25
SDG No.: Q3743
Matrix: Water
% Solid: 0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	156000	D	5	9.70	100	ug/L	12/02/25 09:30	12/03/25 11:52	6020B	3010A
7440-36-0	Antimony	4.25	JD	5	0.55	10.0	ug/L	12/02/25 09:30	12/03/25 11:52	6020B	3010A
7440-38-2	Arsenic	323	D	5	0.45	5.00	ug/L	12/02/25 09:30	12/03/25 11:52	6020B	3010A
7440-39-3	Barium	2260	D	5	1.05	50.0	ug/L	12/02/25 09:30	12/03/25 11:52	6020B	3010A
7440-41-7	Beryllium	15.2	D	5	1.60	5.00	ug/L	12/02/25 09:30	12/03/25 11:52	6020B	3010A
7440-43-9	Cadmium	17.4	D	5	1.70	5.00	ug/L	12/02/25 09:30	12/03/25 11:52	6020B	3010A
7440-70-2	Calcium	144000	DN	5	229	2500	ug/L	12/02/25 09:30	12/03/25 11:52	6020B	3010A
7440-47-3	Chromium	2560	D	5	1.05	10.0	ug/L	12/02/25 09:30	12/03/25 11:52	6020B	3010A
7440-48-4	Cobalt	210	D	5	0.35	5.00	ug/L	12/02/25 09:30	12/03/25 11:52	6020B	3010A
7440-50-8	Copper	956	D	5	1.50	10.0	ug/L	12/02/25 09:30	12/03/25 11:52	6020B	3010A
7439-89-6	Iron	440000	D	5	39.1	250	ug/L	12/02/25 09:30	12/03/25 11:52	6020B	3010A
7439-92-1	Lead	2360	D	5	1.05	5.00	ug/L	12/02/25 09:30	12/03/25 11:52	6020B	3010A
7439-95-4	Magnesium	96000	D	5	97.5	2500	ug/L	12/02/25 09:30	12/03/25 11:52	6020B	3010A
7439-96-5	Manganese	14000	D	5	2.15	5.00	ug/L	12/02/25 09:30	12/03/25 11:52	6020B	3010A
7439-97-6	Mercury	11.9	DN	5	0.38	1.00	ug/L	12/04/25 06:30	12/04/25 11:14	7470A	M7470A
7440-02-0	Nickel	424	D	5	1.35	5.00	ug/L	12/02/25 09:30	12/03/25 11:52	6020B	3010A
7440-09-7	Potassium	26100	D	5	182	2500	ug/L	12/02/25 09:30	12/03/25 11:52	6020B	3010A
7782-49-2	Selenium	14.7	JD	5	14.5	25.0	ug/L	12/02/25 09:30	12/03/25 11:52	6020B	3010A
7440-22-4	Silver	4.55	JDN	5	0.30	5.00	ug/L	12/02/25 09:30	12/03/25 11:52	6020B	3010A
7440-23-5	Sodium	13400	D	5	640	2500	ug/L	12/02/25 09:30	12/03/25 11:52	6020B	3010A
7440-28-0	Thallium	4.15	JD	5	0.30	5.00	ug/L	12/02/25 09:30	12/03/25 11:52	6020B	3010A
7440-62-2	Vanadium	368	D	5	0.39	25.0	ug/L	12/02/25 09:30	12/03/25 11:52	6020B	3010A
7440-66-6	Zinc	5950	D	5	6.25	25.0	ug/L	12/02/25 09:30	12/03/25 11:52	6020B	3010A

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: Remington & Vernick
Project: Saddler Property
Client Sample ID: TW-1125-2
Lab Sample ID: Q3743-02
Level (low/med): low

Date Collected: 11/26/25
Date Received: 11/26/25
SDG No.: Q3743
Matrix: Water
% Solid: 0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	48700	D	5	9.70	100	ug/L	12/02/25 09:30	12/03/25 11:55	6020B	3010A
7440-36-0	Antimony	3.15	JD	5	0.55	10.0	ug/L	12/02/25 09:30	12/03/25 11:55	6020B	3010A
7440-38-2	Arsenic	310	D	5	0.45	5.00	ug/L	12/02/25 09:30	12/03/25 11:55	6020B	3010A
7440-39-3	Barium	893	D	5	1.05	50.0	ug/L	12/02/25 09:30	12/03/25 11:55	6020B	3010A
7440-41-7	Beryllium	5.05	D	5	1.60	5.00	ug/L	12/02/25 09:30	12/03/25 11:55	6020B	3010A
7440-43-9	Cadmium	7.75	D	5	1.70	5.00	ug/L	12/02/25 09:30	12/03/25 11:55	6020B	3010A
7440-70-2	Calcium	131000	DN	5	229	2500	ug/L	12/02/25 09:30	12/03/25 11:55	6020B	3010A
7440-47-3	Chromium	1400	D	5	1.05	10.0	ug/L	12/02/25 09:30	12/03/25 11:55	6020B	3010A
7440-48-4	Cobalt	145	D	5	0.35	5.00	ug/L	12/02/25 09:30	12/03/25 11:55	6020B	3010A
7440-50-8	Copper	462	D	5	1.50	10.0	ug/L	12/02/25 09:30	12/03/25 11:55	6020B	3010A
7439-89-6	Iron	199000	D	5	39.1	250	ug/L	12/02/25 09:30	12/03/25 11:55	6020B	3010A
7439-92-1	Lead	1100	D	5	1.05	5.00	ug/L	12/02/25 09:30	12/03/25 11:55	6020B	3010A
7439-95-4	Magnesium	64300	D	5	97.5	2500	ug/L	12/02/25 09:30	12/03/25 11:55	6020B	3010A
7439-96-5	Manganese	4750	D	5	2.15	5.00	ug/L	12/02/25 09:30	12/03/25 11:55	6020B	3010A
7439-97-6	Mercury	5.92	N	1	0.076	0.20	ug/L	12/04/25 06:30	12/04/25 10:47	7470A	M7470A
7440-02-0	Nickel	180	D	5	1.35	5.00	ug/L	12/02/25 09:30	12/03/25 11:55	6020B	3010A
7440-09-7	Potassium	16900	D	5	182	2500	ug/L	12/02/25 09:30	12/03/25 11:55	6020B	3010A
7782-49-2	Selenium	14.5	UD	5	14.5	25.0	ug/L	12/02/25 09:30	12/03/25 11:55	6020B	3010A
7440-22-4	Silver	3.05	JDN	5	0.30	5.00	ug/L	12/02/25 09:30	12/03/25 11:55	6020B	3010A
7440-23-5	Sodium	32700	D	5	640	2500	ug/L	12/02/25 09:30	12/03/25 11:55	6020B	3010A
7440-28-0	Thallium	2.15	JD	5	0.30	5.00	ug/L	12/02/25 09:30	12/03/25 11:55	6020B	3010A
7440-62-2	Vanadium	94.5	D	5	0.39	25.0	ug/L	12/02/25 09:30	12/03/25 11:55	6020B	3010A
7440-66-6	Zinc	3510	D	5	6.25	25.0	ug/L	12/02/25 09:30	12/03/25 11:55	6020B	3010A

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

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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: Remington & Vernick

SDG No.: Q3743

Contract: REMI01

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV137	Mercury	4.20	4.0	105	90 - 110	CV	12/04/2025	09:45	LB138109

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick

SDG No.: Q3743

Contract: REMI01

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV59	Mercury	5.14	5.0	103	90 - 110	CV	12/04/2025	09:51	LB138109
CCV60	Mercury	5.16	5.0	103	90 - 110	CV	12/04/2025	10:19	LB138109
CCV61	Mercury	5.09	5.0	102	90 - 110	CV	12/04/2025	10:51	LB138109
CCV62	Mercury	4.99	5.0	100	90 - 110	CV	12/04/2025	11:10	LB138109
CCV63	Mercury	5.39	5.0	108	90 - 110	CV	12/04/2025	12:19	LB138109

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick

SDG No.: Q3743

Contract: REMI01

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV01	Aluminum	1490	1600	93	90 - 110	P	12/03/2025	10:59	LB138105
	Antimony	422	400	105	90 - 110	P	12/03/2025	10:59	LB138105
	Arsenic	407	400	102	90 - 110	P	12/03/2025	10:59	LB138105
	Barium	1610	1600	101	90 - 110	P	12/03/2025	10:59	LB138105
	Beryllium	42.1	40.0	105	90 - 110	P	12/03/2025	10:59	LB138105
	Cadmium	209	200	104	90 - 110	P	12/03/2025	10:59	LB138105
	Calcium	4040	4000	101	90 - 110	P	12/03/2025	10:59	LB138105
	Chromium	164	160	102	90 - 110	P	12/03/2025	10:59	LB138105
	Cobalt	413	400	103	90 - 110	P	12/03/2025	10:59	LB138105
	Copper	186	200	93	90 - 110	P	12/03/2025	10:59	LB138105
	Iron	849	800	106	90 - 110	P	12/03/2025	10:59	LB138105
	Lead	391	400	98	90 - 110	P	12/03/2025	10:59	LB138105
	Magnesium	3740	4000	94	90 - 110	P	12/03/2025	10:59	LB138105
	Manganese	393	400	98	90 - 110	P	12/03/2025	10:59	LB138105
	Nickel	408	400	102	90 - 110	P	12/03/2025	10:59	LB138105
	Potassium	4060	4000	102	90 - 110	P	12/03/2025	10:59	LB138105
	Selenium	439	400	110	90 - 110	P	12/03/2025	10:59	LB138105
	Silver	187	200	94	90 - 110	P	12/03/2025	10:59	LB138105
	Sodium	3960	4000	99	90 - 110	P	12/03/2025	10:59	LB138105
	Thallium	381	400	95	90 - 110	P	12/03/2025	10:59	LB138105
	Vanadium	402	400	100	90 - 110	P	12/03/2025	10:59	LB138105
	Zinc	389	400	97	90 - 110	P	12/03/2025	10:59	LB138105

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick

SDG No.: Q3743

Contract: REMI01

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLICV01	Aluminum	21.5	20.0	108	80 - 120	P	12/03/2025	11:10	LB138105
	Antimony	2.07	2.0	104	80 - 120	P	12/03/2025	11:10	LB138105
	Arsenic	1.19	1.0	119	80 - 120	P	12/03/2025	11:10	LB138105
	Barium	9.74	10.0	97	80 - 120	P	12/03/2025	11:10	LB138105
	Beryllium	1.08	1.0	108	80 - 120	P	12/03/2025	11:10	LB138105
	Cadmium	0.80	1.0	80	80 - 120	P	12/03/2025	11:10	LB138105
	Calcium	496	500	99	80 - 120	P	12/03/2025	11:10	LB138105
	Chromium	1.97	2.0	98	80 - 120	P	12/03/2025	11:10	LB138105
	Cobalt	1.08	1.0	108	80 - 120	P	12/03/2025	11:10	LB138105
	Copper	1.97	2.0	98	80 - 120	P	12/03/2025	11:10	LB138105
	Iron	56.0	50.0	112	80 - 120	P	12/03/2025	11:10	LB138105
	Lead	0.88	1.0	88	80 - 120	P	12/03/2025	11:10	LB138105
	Magnesium	479	500	96	80 - 120	P	12/03/2025	11:10	LB138105
	Manganese	1.16	1.0	116	80 - 120	P	12/03/2025	11:10	LB138105
	Nickel	0.93	1.0	93	80 - 120	P	12/03/2025	11:10	LB138105
	Potassium	490	500	98	80 - 120	P	12/03/2025	11:10	LB138105
	Selenium	5.63	5.0	113	80 - 120	P	12/03/2025	11:10	LB138105
	Silver	1.11	1.0	111	80 - 120	P	12/03/2025	11:10	LB138105
	Sodium	484	500	97	80 - 120	P	12/03/2025	11:10	LB138105
	Thallium	1.00	1.0	100	80 - 120	P	12/03/2025	11:10	LB138105
	Vanadium	5.04	5.0	101	80 - 120	P	12/03/2025	11:10	LB138105
	Zinc	5.55	5.0	111	80 - 120	P	12/03/2025	11:10	LB138105

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick

SDG No.: Q3743

Contract: REMI01

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Aluminum	50300	50000	101	90 - 110	P	12/03/2025	11:24	LB138105
	Antimony	525	500	105	90 - 110	P	12/03/2025	11:24	LB138105
	Arsenic	513	500	103	90 - 110	P	12/03/2025	11:24	LB138105
	Barium	2660	2500	106	90 - 110	P	12/03/2025	11:24	LB138105
	Beryllium	507	500	101	90 - 110	P	12/03/2025	11:24	LB138105
	Cadmium	509	500	102	90 - 110	P	12/03/2025	11:24	LB138105
	Calcium	254000	250000	101	90 - 110	P	12/03/2025	11:24	LB138105
	Chromium	530	500	106	90 - 110	P	12/03/2025	11:24	LB138105
	Cobalt	524	500	105	90 - 110	P	12/03/2025	11:24	LB138105
	Copper	5090	5000	102	90 - 110	P	12/03/2025	11:24	LB138105
	Iron	129000	125000	104	90 - 110	P	12/03/2025	11:24	LB138105
	Lead	2650	2500	106	90 - 110	P	12/03/2025	11:24	LB138105
	Magnesium	251000	250000	100	90 - 110	P	12/03/2025	11:24	LB138105
	Manganese	5160	5000	103	90 - 110	P	12/03/2025	11:24	LB138105
	Nickel	507	500	101	90 - 110	P	12/03/2025	11:24	LB138105
	Potassium	123000	125000	99	90 - 110	P	12/03/2025	11:24	LB138105
	Selenium	491	500	98	90 - 110	P	12/03/2025	11:24	LB138105
	Silver	511	500	102	90 - 110	P	12/03/2025	11:24	LB138105
	Sodium	256000	250000	102	90 - 110	P	12/03/2025	11:24	LB138105
	Thallium	542	500	108	90 - 110	P	12/03/2025	11:24	LB138105
	Vanadium	522	500	104	90 - 110	P	12/03/2025	11:24	LB138105
	Zinc	5010	5000	100	90 - 110	P	12/03/2025	11:24	LB138105
CCV02	Aluminum	50400	50000	101	90 - 110	P	12/03/2025	12:20	LB138105
	Antimony	522	500	104	90 - 110	P	12/03/2025	12:20	LB138105
	Arsenic	513	500	103	90 - 110	P	12/03/2025	12:20	LB138105
	Barium	2610	2500	104	90 - 110	P	12/03/2025	12:20	LB138105
	Beryllium	497	500	100	90 - 110	P	12/03/2025	12:20	LB138105
	Cadmium	505	500	101	90 - 110	P	12/03/2025	12:20	LB138105
	Calcium	250000	250000	100	90 - 110	P	12/03/2025	12:20	LB138105
	Chromium	529	500	106	90 - 110	P	12/03/2025	12:20	LB138105
	Cobalt	523	500	104	90 - 110	P	12/03/2025	12:20	LB138105
	Copper	5080	5000	102	90 - 110	P	12/03/2025	12:20	LB138105
	Iron	130000	125000	104	90 - 110	P	12/03/2025	12:20	LB138105
	Lead	2630	2500	105	90 - 110	P	12/03/2025	12:20	LB138105

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick

SDG No.: Q3743

Contract: REMI01

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV02	Magnesium	253000	250000	101	90 - 110	P	12/03/2025	12:20	LB138105
	Manganese	5190	5000	104	90 - 110	P	12/03/2025	12:20	LB138105
	Nickel	510	500	102	90 - 110	P	12/03/2025	12:20	LB138105
	Potassium	124000	125000	99	90 - 110	P	12/03/2025	12:20	LB138105
	Selenium	479	500	96	90 - 110	P	12/03/2025	12:20	LB138105
	Silver	512	500	102	90 - 110	P	12/03/2025	12:20	LB138105
	Sodium	258000	250000	103	90 - 110	P	12/03/2025	12:20	LB138105
	Thallium	545	500	109	90 - 110	P	12/03/2025	12:20	LB138105
	Vanadium	521	500	104	90 - 110	P	12/03/2025	12:20	LB138105
	Zinc	4970	5000	99	90 - 110	P	12/03/2025	12:20	LB138105
CCV03	Aluminum	48800	50000	98	90 - 110	P	12/03/2025	13:00	LB138105
	Antimony	517	500	104	90 - 110	P	12/03/2025	13:00	LB138105
	Arsenic	511	500	102	90 - 110	P	12/03/2025	13:00	LB138105
	Barium	2560	2500	103	90 - 110	P	12/03/2025	13:00	LB138105
	Beryllium	511	500	102	90 - 110	P	12/03/2025	13:00	LB138105
	Cadmium	502	500	100	90 - 110	P	12/03/2025	13:00	LB138105
	Calcium	251000	250000	100	90 - 110	P	12/03/2025	13:00	LB138105
	Chromium	527	500	105	90 - 110	P	12/03/2025	13:00	LB138105
	Cobalt	520	500	104	90 - 110	P	12/03/2025	13:00	LB138105
	Copper	5130	5000	103	90 - 110	P	12/03/2025	13:00	LB138105
	Iron	130000	125000	104	90 - 110	P	12/03/2025	13:00	LB138105
	Lead	2570	2500	103	90 - 110	P	12/03/2025	13:00	LB138105
	Magnesium	243000	250000	97	90 - 110	P	12/03/2025	13:00	LB138105
	Manganese	5200	5000	104	90 - 110	P	12/03/2025	13:00	LB138105
	Nickel	508	500	102	90 - 110	P	12/03/2025	13:00	LB138105
	Potassium	123000	125000	99	90 - 110	P	12/03/2025	13:00	LB138105
	Selenium	500	500	100	90 - 110	P	12/03/2025	13:00	LB138105
	Silver	509	500	102	90 - 110	P	12/03/2025	13:00	LB138105
	Sodium	250000	250000	100	90 - 110	P	12/03/2025	13:00	LB138105
	Thallium	530	500	106	90 - 110	P	12/03/2025	13:00	LB138105
	Vanadium	518	500	104	90 - 110	P	12/03/2025	13:00	LB138105
	Zinc	4980	5000	100	90 - 110	P	12/03/2025	13:00	LB138105

Metals

- 2b -

CRDL STANDARD FOR AA & ICP

Client: Remington & Vernick

SDG No.: Q3743

Contract: REMI01

Lab Code: ACE

Initial Calibration Source:

Continuing Calibration Source:

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CRI	Aluminum	22.5	20.0	112	70 - 130	P	12/03/2025	11:42	LB138105
	Antimony	2.11	2.0	106	70 - 130	P	12/03/2025	11:42	LB138105
	Arsenic	1.16	1.0	116	70 - 130	P	12/03/2025	11:42	LB138105
	Barium	9.58	10.0	96	70 - 130	P	12/03/2025	11:42	LB138105
	Beryllium	1.09	1.0	109	70 - 130	P	12/03/2025	11:42	LB138105
	Cadmium	0.80	1.0	80	70 - 130	P	12/03/2025	11:42	LB138105
	Calcium	513	500	103	70 - 130	P	12/03/2025	11:42	LB138105
	Chromium	2.03	2.0	102	70 - 130	P	12/03/2025	11:42	LB138105
	Cobalt	1.07	1.0	107	50 - 150	P	12/03/2025	11:42	LB138105
	Copper	2.02	2.0	101	70 - 130	P	12/03/2025	11:42	LB138105
	Iron	58.1	50.0	116	70 - 130	P	12/03/2025	11:42	LB138105
	Lead	0.94	1.0	94	70 - 130	P	12/03/2025	11:42	LB138105
	Magnesium	475	500	95	70 - 130	P	12/03/2025	11:42	LB138105
	Manganese	1.19	1.0	119	50 - 150	P	12/03/2025	11:42	LB138105
	Nickel	0.89	1.0	89	70 - 130	P	12/03/2025	11:42	LB138105
	Potassium	505	500	101	70 - 130	P	12/03/2025	11:42	LB138105
	Selenium	6.32	5.0	126	70 - 130	P	12/03/2025	11:42	LB138105
	Silver	1.09	1.0	109	70 - 130	P	12/03/2025	11:42	LB138105
	Sodium	494	500	99	70 - 130	P	12/03/2025	11:42	LB138105
	Thallium	1.06	1.0	106	70 - 130	P	12/03/2025	11:42	LB138105
	Vanadium	4.96	5.0	99	70 - 130	P	12/03/2025	11:42	LB138105
	Zinc	5.57	5.0	111	50 - 150	P	12/03/2025	11:42	LB138105
CRA	Mercury	0.24	0.2	118	70 - 130	CV	12/04/2025	09:56	LB138109



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

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick

SDG No.: Q3743

Contract: REMI01

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB137	Mercury	0.076	+/-0.2	U	0.20	CV	12/04/2025	09:47	LB138109

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick

SDG No.: Q3743

Contract: REMI01

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB59	Mercury	0.076	+/-0.2	U	0.20	CV	12/04/2025	09:54	LB138109
CCB60	Mercury	0.076	+/-0.2	U	0.20	CV	12/04/2025	10:21	LB138109
CCB61	Mercury	0.076	+/-0.2	U	0.20	CV	12/04/2025	10:54	LB138109
CCB62	Mercury	0.076	+/-0.2	U	0.20	CV	12/04/2025	11:12	LB138109
CCB63	Mercury	0.076	+/-0.2	U	0.20	CV	12/04/2025	12:21	LB138109

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick

SDG No.: Q3743

Contract: REMI01

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Aluminum	4.93	+/-10	J	20.0	P	12/03/2025	11:13	LB138105
	Antimony	0.11	+/-1	U	2.00	P	12/03/2025	11:13	LB138105
	Arsenic	0.089	+/-0.5	U	1.00	P	12/03/2025	11:13	LB138105
	Barium	0.21	+/-5	U	10.0	P	12/03/2025	11:13	LB138105
	Beryllium	0.32	+/-0.5	U	1.00	P	12/03/2025	11:13	LB138105
	Cadmium	0.34	+/-0.5	U	1.00	P	12/03/2025	11:13	LB138105
	Calcium	45.7	+/-250	U	500	P	12/03/2025	11:13	LB138105
	Chromium	0.21	+/-1	U	2.00	P	12/03/2025	11:13	LB138105
	Cobalt	0.070	+/-0.5	U	1.00	P	12/03/2025	11:13	LB138105
	Copper	0.30	+/-1	U	2.00	P	12/03/2025	11:13	LB138105
	Iron	7.81	+/-25	U	50.0	P	12/03/2025	11:13	LB138105
	Lead	0.21	+/-0.5	U	1.00	P	12/03/2025	11:13	LB138105
	Magnesium	19.5	+/-250	U	500	P	12/03/2025	11:13	LB138105
	Manganese	0.43	+/-0.5	U	1.00	P	12/03/2025	11:13	LB138105
	Nickel	0.27	+/-0.5	U	1.00	P	12/03/2025	11:13	LB138105
	Potassium	36.4	+/-250	U	500	P	12/03/2025	11:13	LB138105
	Selenium	2.90	+/-2.5	U	5.00	P	12/03/2025	11:13	LB138105
	Silver	0.060	+/-0.5	U	1.00	P	12/03/2025	11:13	LB138105
	Sodium	128	+/-250	U	500	P	12/03/2025	11:13	LB138105
	Thallium	0.060	+/-0.5	U	1.00	P	12/03/2025	11:13	LB138105
	Vanadium	0.077	+/-2.5	U	5.00	P	12/03/2025	11:13	LB138105
	Zinc	1.25	+/-2.5	U	5.00	P	12/03/2025	11:13	LB138105

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick

SDG No.: Q3743

Contract: REMI01

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Aluminum	4.94	+/-10	J	20.0	P	12/03/2025	11:27	LB138105
	Antimony	0.37	+/-1	J	2.00	P	12/03/2025	11:27	LB138105
	Arsenic	0.089	+/-0.5	U	1.00	P	12/03/2025	11:27	LB138105
	Barium	0.21	+/-5	U	10.0	P	12/03/2025	11:27	LB138105
	Beryllium	0.32	+/-0.5	U	1.00	P	12/03/2025	11:27	LB138105
	Cadmium	0.34	+/-0.5	U	1.00	P	12/03/2025	11:27	LB138105
	Calcium	45.7	+/-250	U	500	P	12/03/2025	11:27	LB138105
	Chromium	0.21	+/-1	U	2.00	P	12/03/2025	11:27	LB138105
	Cobalt	0.070	+/-0.5	U	1.00	P	12/03/2025	11:27	LB138105
	Copper	0.37	+/-1	J	2.00	P	12/03/2025	11:27	LB138105
	Iron	10.5	+/-25	J	50.0	P	12/03/2025	11:27	LB138105
	Lead	0.21	+/-0.5	U	1.00	P	12/03/2025	11:27	LB138105
	Magnesium	19.5	+/-250	U	500	P	12/03/2025	11:27	LB138105
	Manganese	0.43	+/-0.5	U	1.00	P	12/03/2025	11:27	LB138105
	Nickel	0.27	+/-0.5	U	1.00	P	12/03/2025	11:27	LB138105
	Potassium	36.4	+/-250	U	500	P	12/03/2025	11:27	LB138105
	Selenium	2.90	+/-2.5	U	5.00	P	12/03/2025	11:27	LB138105
	Silver	0.060	+/-0.5	J	1.00	P	12/03/2025	11:27	LB138105
	Sodium	128	+/-250	U	500	P	12/03/2025	11:27	LB138105
	Thallium	0.10	+/-0.5	J	1.00	P	12/03/2025	11:27	LB138105
	Vanadium	0.077	+/-2.5	U	5.00	P	12/03/2025	11:27	LB138105
	Zinc	1.25	+/-2.5	U	5.00	P	12/03/2025	11:27	LB138105
CCB02	Aluminum	3.56	+/-10	J	20.0	P	12/03/2025	12:27	LB138105
	Antimony	0.20	+/-1	J	2.00	P	12/03/2025	12:27	LB138105
	Arsenic	0.089	+/-0.5	U	1.00	P	12/03/2025	12:27	LB138105
	Barium	0.21	+/-5	U	10.0	P	12/03/2025	12:27	LB138105
	Beryllium	0.32	+/-0.5	U	1.00	P	12/03/2025	12:27	LB138105
	Cadmium	0.34	+/-0.5	U	1.00	P	12/03/2025	12:27	LB138105
	Calcium	45.7	+/-250	U	500	P	12/03/2025	12:27	LB138105
	Chromium	0.21	+/-1	U	2.00	P	12/03/2025	12:27	LB138105
	Cobalt	0.070	+/-0.5	U	1.00	P	12/03/2025	12:27	LB138105
	Copper	0.41	+/-1	J	2.00	P	12/03/2025	12:27	LB138105
	Iron	12.2	+/-25	J	50.0	P	12/03/2025	12:27	LB138105
	Lead	0.21	+/-0.5	U	1.00	P	12/03/2025	12:27	LB138105
	Magnesium	19.5	+/-250	U	500	P	12/03/2025	12:27	LB138105
	Manganese	0.43	+/-0.5	U	1.00	P	12/03/2025	12:27	LB138105
	Nickel	0.27	+/-0.5	U	1.00	P	12/03/2025	12:27	LB138105
	Potassium	36.4	+/-250	U	500	P	12/03/2025	12:27	LB138105
	Selenium	2.90	+/-2.5	U	5.00	P	12/03/2025	12:27	LB138105

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick

SDG No.: Q3743

Contract: REMI01

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB02	Silver	0.060	+/-0.5	U	1.00	P	12/03/2025	12:27	LB138105
	Sodium	128	+/-250	U	500	P	12/03/2025	12:27	LB138105
	Thallium	0.070	+/-0.5	J	1.00	P	12/03/2025	12:27	LB138105
	Vanadium	0.077	+/-2.5	U	5.00	P	12/03/2025	12:27	LB138105
	Zinc	1.25	+/-2.5	U	5.00	P	12/03/2025	12:27	LB138105
CCB03	Aluminum	2.78	+/-10	J	20.0	P	12/03/2025	13:05	LB138105
	Antimony	0.18	+/-1	J	2.00	P	12/03/2025	13:05	LB138105
	Arsenic	0.089	+/-0.5	U	1.00	P	12/03/2025	13:05	LB138105
	Barium	0.21	+/-5	U	10.0	P	12/03/2025	13:05	LB138105
	Beryllium	0.32	+/-0.5	U	1.00	P	12/03/2025	13:05	LB138105
	Cadmium	0.34	+/-0.5	U	1.00	P	12/03/2025	13:05	LB138105
	Calcium	45.7	+/-250	U	500	P	12/03/2025	13:05	LB138105
	Chromium	0.21	+/-1	U	2.00	P	12/03/2025	13:05	LB138105
	Cobalt	0.070	+/-0.5	U	1.00	P	12/03/2025	13:05	LB138105
	Copper	0.30	+/-1	U	2.00	P	12/03/2025	13:05	LB138105
	Iron	7.81	+/-25	U	50.0	P	12/03/2025	13:05	LB138105
	Lead	0.21	+/-0.5	U	1.00	P	12/03/2025	13:05	LB138105
	Magnesium	19.5	+/-250	U	500	P	12/03/2025	13:05	LB138105
	Manganese	0.43	+/-0.5	U	1.00	P	12/03/2025	13:05	LB138105
	Nickel	0.27	+/-0.5	U	1.00	P	12/03/2025	13:05	LB138105
	Potassium	36.4	+/-250	U	500	P	12/03/2025	13:05	LB138105
	Selenium	3.01	+/-2.5	J*	5.00	P	12/03/2025	13:05	LB138105
	Silver	0.060	+/-0.5	U	1.00	P	12/03/2025	13:05	LB138105
	Sodium	128	+/-250	U	500	P	12/03/2025	13:05	LB138105
	Thallium	0.060	+/-0.5	U	1.00	P	12/03/2025	13:05	LB138105
	Vanadium	0.077	+/-2.5	U	5.00	P	12/03/2025	13:05	LB138105
	Zinc	1.25	+/-2.5	U	5.00	P	12/03/2025	13:05	LB138105

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: Remington & Vernick

SDG No.: Q3743

Instrument: CV1

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB170813BL		WATER		Batch Number:	PB170813		Prep Date:	12/04/2025	
	Mercury	0.076	<0.2	U	0.20	CV	12/04/2025	10:28	LB138109

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: Remington & Vernick

SDG No.: Q3743

Instrument: P7

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB170780BL	WATER			Batch Number:	PB170780		Prep Date:	12/02/2025	
	Aluminum	7.07	<10	J	20.0	P	12/03/2025	11:45	LB138105
	Antimony	0.11	<1	U	2.00	P	12/03/2025	11:45	LB138105
	Arsenic	0.089	<0.5	U	1.00	P	12/03/2025	11:45	LB138105
	Barium	0.21	<5	U	10.0	P	12/03/2025	11:45	LB138105
	Beryllium	0.32	<0.5	U	1.00	P	12/03/2025	11:45	LB138105
	Cadmium	0.34	<0.5	U	1.00	P	12/03/2025	11:45	LB138105
	Calcium	45.7	<250	U	500	P	12/03/2025	11:45	LB138105
	Chromium	0.21	<1	U	2.00	P	12/03/2025	11:45	LB138105
	Cobalt	0.070	<0.5	U	1.00	P	12/03/2025	11:45	LB138105
	Copper	0.30	<1	U	2.00	P	12/03/2025	11:45	LB138105
	Iron	7.81	<25	U	50.0	P	12/03/2025	11:45	LB138105
	Lead	0.21	<0.5	U	1.00	P	12/03/2025	11:45	LB138105
	Magnesium	19.5	<250	U	500	P	12/03/2025	11:45	LB138105
	Manganese	0.43	<0.5	U	1.00	P	12/03/2025	11:45	LB138105
	Nickel	0.27	<0.5	U	1.00	P	12/03/2025	11:45	LB138105
	Potassium	36.4	<250	U	500	P	12/03/2025	11:45	LB138105
	Selenium	2.90	<2.5	U	5.00	P	12/03/2025	11:45	LB138105
	Silver	0.060	<0.5	U	1.00	P	12/03/2025	11:45	LB138105
	Sodium	128	<250	U	500	P	12/03/2025	11:45	LB138105
	Thallium	0.060	<0.5	U	1.00	P	12/03/2025	11:45	LB138105
	Vanadium	0.077	<2.5	U	5.00	P	12/03/2025	11:45	LB138105
	Zinc	1.25	<2.5	U	5.00	P	12/03/2025	11:45	LB138105

Metals
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INTERFERENCE CHECK SAMPLE

Client: <u>Remington & Vernick</u>	SDG No.: <u>Q3743</u>
Contract: <u>REMI01</u>	Lab Code: <u>ACE</u>
ICS Source: <u>EPA</u>	Instrument ID: <u>P7</u>

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSA01	Aluminum	90000	100000	90	0	0	12/03/2025	11:18	LB138105
	Antimony	1.13	1.5	75	-2.5	5.5	12/03/2025	11:18	LB138105
	Arsenic	0.85	0.1	850	-1.9	2.1	12/03/2025	11:18	LB138105
	Barium	1.44	1.2	120	-18.8	21.2	12/03/2025	11:18	LB138105
	Beryllium	0.30			-2	2	12/03/2025	11:18	LB138105
	Cadmium	0.070	0.7	10	-1.3	2.7	12/03/2025	11:18	LB138105
	Calcium	97900	100000	98	0	0	12/03/2025	11:18	LB138105
	Chromium	20.1	21.0	96	17	25	12/03/2025	11:18	LB138105
	Cobalt	1.27	1.0	127	-1	3	12/03/2025	11:18	LB138105
	Copper	7.09	8.0	89	4	12	12/03/2025	11:18	LB138105
	Iron	98900	100000	99	0	0	12/03/2025	11:18	LB138105
	Lead	4.40	4.0	110	2	6	12/03/2025	11:18	LB138105
	Magnesium	91100	100000	91	0	0	12/03/2025	11:18	LB138105
	Manganese	7.44	7.0	106	5	9	12/03/2025	11:18	LB138105
	Nickel	5.82	6.0	97	4	8	12/03/2025	11:18	LB138105
	Potassium	97000	100000	97	0	0	12/03/2025	11:18	LB138105
	Selenium	0.28	0.3	93	-9.7	10	12/03/2025	11:18	LB138105
	Silver	0.070			-2	2	12/03/2025	11:18	LB138105
	Sodium	99100	100000	99	0	0	12/03/2025	11:18	LB138105
	Thallium	0.070			-2	2	12/03/2025	11:18	LB138105
	Vanadium	0.23	0.5	46	-9.5	10.5	12/03/2025	11:18	LB138105
	Zinc	10.6	11.0	96	1	21	12/03/2025	11:18	LB138105
ICSAB01	Aluminum	89500	100000	90	0	0	12/03/2025	11:21	LB138105
	Antimony	20.8	22.0	94	18	26	12/03/2025	11:21	LB138105
	Arsenic	20.7	19.0	109	16.2	21.9	12/03/2025	11:21	LB138105
	Barium	21.2	22.0	96	2	42	12/03/2025	11:21	LB138105
	Beryllium	20.7	19.0	109	16.2	21.9	12/03/2025	11:21	LB138105
	Cadmium	20.4	20.0	102	17	23	12/03/2025	11:21	LB138105
	Calcium	95900	100000	96	0	0	12/03/2025	11:21	LB138105
	Chromium	41.0	40.0	102	34	46	12/03/2025	11:21	LB138105
	Cobalt	21.4	20.0	107	17	23	12/03/2025	11:21	LB138105
	Copper	25.5	25.0	102	21	29	12/03/2025	11:21	LB138105
	Iron	97800	100000	98	0	0	12/03/2025	11:21	LB138105
	Lead	23.5	25.0	94	21.3	28.8	12/03/2025	11:21	LB138105
	Magnesium	90200	100000	90	0	0	12/03/2025	11:21	LB138105
	Manganese	26.0	27.0	96	23	31.1	12/03/2025	11:21	LB138105
	Nickel	25.9	24.0	108	20.4	27.6	12/03/2025	11:21	LB138105
	Potassium	96700	100000	97	0	0	12/03/2025	11:21	LB138105
	Selenium	20.4	19.0	107	9	29	12/03/2025	11:21	LB138105
	Silver	19.4	18.0	108	15.3	20.7	12/03/2025	11:21	LB138105
	Sodium	98100	100000	98	0	0	12/03/2025	11:21	LB138105
	Thallium	19.8	21.0	94	17.9	24.2	12/03/2025	11:21	LB138105

Metals

- 4 -

INTERFERENCE CHECK SAMPLE

Client: Remington & Vernick

SDG No.: Q3743

Contract: REMI01

Lab Code: ACE

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
ICSAB01	Vanadium	20.6	19.0	108	9	29	12/03/2025	11:21	LB138105
	Zinc	29.9	29.0	103	19	39	12/03/2025	11:21	LB138105



METAL QC DATA

metals
- 5a -
MATRIX SPIKE SUMMARY

client: Remington & Vernick **level:** low **sdg no.:** Q3743
contract: REMI01 **lab code:** ACE
matrix: Water **sample id:** Q3743-01 **client id:** TW-1125-1MS
Percent Solids for Sample: NA **Spiked ID:** Q3743-01MS **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	ug/L	75 - 125	17.9	D	11.9	D	4.0	149	N	CV

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: <u>Remington & Vernick</u>	level: <u>low</u>	sdg no.: <u>Q3743</u>
contract: <u>REMI01</u>		lab code: <u>ACE</u>
matrix: <u>Water</u>	sample id: <u>Q3743-01</u>	client id: <u>TW-1125-1MSD</u>
Percent Solids for Sample: <u>NA</u>	Spiked ID: <u>Q3743-01MSD</u>	Percent Solids for Spike Sample: <u>NA</u>

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	ug/L	75 - 125	17.6	D	11.9	D	4.0	142	N	CV

metals
- 5a -
MATRIX SPIKE SUMMARY

client: <u>Remington & Vernick</u>	level: <u>low</u>	sdg no.: <u>Q3743</u>
contract: <u>REMI01</u>		lab code: <u>ACE</u>
matrix: <u>Water</u>	sample id: <u>Q3743-02</u>	client id: <u>TW-1125-2MS</u>
Percent Solids for Sample: <u>NA</u>	Spiked ID: <u>Q3743-02MS</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
Aluminum	ug/L	75 - 125	55900	D	48700	D	10000	73		P
Antimony	ug/L	75 - 125	463	D	3.15	JD	500	92		P
Arsenic	ug/L	75 - 125	746	D	310	D	500	87		P
Barium	ug/L	75 - 125	2940	D	893	D	2500	82		P
Beryllium	ug/L	75 - 125	466	D	5.05	D	500	92		P
Cadmium	ug/L	75 - 125	485	D	7.75	D	500	96		P
Calcium	ug/L	75 - 125	168000	D	131000	D	50000	74	N	P
Chromium	ug/L	75 - 125	1800	D	1400	D	500	79		P
Cobalt	ug/L	75 - 125	600	D	145	D	500	91		P
Copper	ug/L	75 - 125	4720	D	462	D	5000	85		P
Iron	ug/L	75 - 125	214000	D	199000	D	25000	61		P
Lead	ug/L	75 - 125	3420	D	1100	D	2500	93		P
Magnesium	ug/L	75 - 125	105000	D	64300	D	50000	82		P
Manganese	ug/L	75 - 125	8780	D	4750	D	5000	81		P
Nickel	ug/L	75 - 125	633	D	180	D	500	91		P
Potassium	ug/L	75 - 125	36400	D	16900	D	25000	78		P
Selenium	ug/L	75 - 125	464	D	25.0	UD	500	91		P
Silver	ug/L	75 - 125	79.2	D	3.05	JD	500	15	N	P
Sodium	ug/L	75 - 125	75300	D	32700	D	50000	85		P
Thallium	ug/L	75 - 125	433	D	2.15	JD	500	86		P
Vanadium	ug/L	75 - 125	556	D	94.5	D	500	92		P
Zinc	ug/L	75 - 125	7690	D	3510	D	5000	83		P

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: <u>Remington & Vernick</u>	level: <u>low</u>	sdg no.: <u>Q3743</u>
contract: <u>REMI01</u>		lab code: <u>ACE</u>
matrix: <u>Water</u>	sample id: <u>Q3743-02</u>	client id: <u>TW-1125-2MSD</u>
Percent Solids for Sample: <u>NA</u>	Spiked ID: <u>Q3743-02MSD</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
Aluminum	ug/L	75 - 125	57300	D	48700	D	10000	87		P
Antimony	ug/L	75 - 125	462	D	3.15	JD	500	92		P
Arsenic	ug/L	75 - 125	763	D	310	D	500	91		P
Barium	ug/L	75 - 125	2910	D	893	D	2500	81		P
Beryllium	ug/L	75 - 125	473	D	5.05	D	500	94		P
Cadmium	ug/L	75 - 125	480	D	7.75	D	500	94		P
Calcium	ug/L	75 - 125	172000	D	131000	D	50000	83		P
Chromium	ug/L	75 - 125	1820	D	1400	D	500	84		P
Cobalt	ug/L	75 - 125	606	D	145	D	500	92		P
Copper	ug/L	75 - 125	4790	D	462	D	5000	86		P
Iron	ug/L	75 - 125	218000	D	199000	D	25000	75		P
Lead	ug/L	75 - 125	3430	D	1100	D	2500	93		P
Magnesium	ug/L	75 - 125	106000	D	64300	D	50000	83		P
Manganese	ug/L	75 - 125	8990	D	4750	D	5000	85		P
Nickel	ug/L	75 - 125	644	D	180	D	500	93		P
Potassium	ug/L	75 - 125	37400	D	16900	D	25000	82		P
Selenium	ug/L	75 - 125	482	D	25.0	UD	500	95		P
Silver	ug/L	75 - 125	78.6	D	3.05	JD	500	15	N	P
Sodium	ug/L	75 - 125	76600	D	32700	D	50000	88		P
Thallium	ug/L	75 - 125	436	D	2.15	JD	500	87		P
Vanadium	ug/L	75 - 125	559	D	94.5	D	500	93		P
Zinc	ug/L	75 - 125	7820	D	3510	D	5000	86		P

Metals
- 5b -
POST DIGEST SPIKE SUMMARY

Client: Remington & Vernick

SDG No.: Q3743

Contract: REMI01

Lab Code: ACE

Matrix: Water

Level: LOW

Client ID: TW-1125-1A

Sample ID: Q3743-01

Spiked ID: Q3743-01A

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	ug/L	75 - 125	16.1	D	11.9	D	20.0	21	N	CV

Metals
- 5b -
POST DIGEST SPIKE SUMMARY

Client: Remington & Vernick

SDG No.: Q3743

Contract: REMI01

Lab Code: ACE

Matrix: Water

Level: LOW

Client ID: TW-1125-2A

Sample ID: Q3743-02 **Spiked ID:** Q3743-02A

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Calcium	ug/L	75 - 125	176000	D	131000	D	50000	90		P
Silver	ug/L	75 - 125	82.2	D	3.05	JD	500	16	N	P

Metals

- 6 -

DUPLICATE SAMPLE SUMMARY

Client:	<u>Remington & Vernick</u>	Level:	<u>LOW</u>	SDG No.:	<u>Q3743</u>
Contract:	<u>REMI01</u>			Lab Code:	<u>ACE</u>
Matrix:	<u>Water</u>	Sample ID:	<u>Q3743-01</u>	Client ID:	<u>TW-1125-1DUP</u>
Percent Solids for Sample:	NA	Duplicate ID	Q3743-01DUP	Percent Solids for Spike Sample:	NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	ug/L	20	11.9	D	12.5	D	5		CV

Metals

- 6 -

DUPLICATE SAMPLE SUMMARY

Client:	<u>Remington & Vernick</u>	Level:	<u>LOW</u>	SDG No.:	<u>Q3743</u>
Contract:	<u>REMI01</u>			Lab Code:	<u>ACE</u>
Matrix:	<u>Water</u>	Sample ID:	<u>Q3743-01MS</u>	Client ID:	<u>TW-1125-1MSD</u>
Percent Solids for Sample:	NA	Duplicate ID	Q3743-01MSD	Percent Solids for Spike Sample:	NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	ug/L	20	17.9	D	17.6	D	2		CV

Metals

- 6 -

DUPLICATE SAMPLE SUMMARY

Client:	<u>Remington & Vernick</u>	Level:	<u>LOW</u>	SDG No.:	<u>Q3743</u>
Contract:	<u>REMI01</u>			Lab Code:	<u>ACE</u>
Matrix:	<u>Water</u>	Sample ID:	<u>Q3743-02</u>	Client ID:	<u>TW-1125-2DUP</u>
Percent Solids for Sample:	NA	Duplicate ID	Q3743-02DUP	Percent Solids for Spike Sample:	NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	ug/L	20	48700	D	50900	D	4		P
Antimony	ug/L	20	3.15	JD	2.70	JD	15		P
Arsenic	ug/L	20	310	D	323	D	4		P
Barium	ug/L	20	893	D	897	D	0		P
Beryllium	ug/L	20	5.05	D	5.05	D	0		P
Cadmium	ug/L	20	7.75	D	8.30	D	7		P
Calcium	ug/L	20	131000	D	132000	D	1		P
Chromium	ug/L	20	1400	D	1460	D	4		P
Cobalt	ug/L	20	145	D	150	D	3		P
Copper	ug/L	20	462	D	479	D	4		P
Iron	ug/L	20	199000	D	204000	D	2		P
Lead	ug/L	20	1100	D	1130	D	3		P
Magnesium	ug/L	20	64300	D	65900	D	2		P
Manganese	ug/L	20	4750	D	4960	D	4		P
Nickel	ug/L	20	180	D	190	D	5		P
Potassium	ug/L	20	16900	D	17600	D	4		P
Selenium	ug/L	20	25.0	UD	25.0	UD			P
Silver	ug/L	20	3.05	JD	3.05	JD	0		P
Sodium	ug/L	20	32700	D	33400	D	2		P
Thallium	ug/L	20	2.15	JD	2.20	JD	2		P
Vanadium	ug/L	20	94.5	D	97.6	D	3		P
Zinc	ug/L	20	3510	D	3640	D	4		P

Metals

- 6 -

DUPLICATE SAMPLE SUMMARY

Client:	<u>Remington & Vernick</u>	Level:	<u>LOW</u>	SDG No.:	<u>Q3743</u>
Contract:	<u>REMI01</u>			Lab Code:	<u>ACE</u>
Matrix:	<u>Water</u>	Sample ID:	<u>Q3743-02MS</u>	Client ID:	<u>TW-1125-2MSD</u>
Percent Solids for Sample:	NA	Duplicate ID	Q3743-02MSD	Percent Solids for Spike Sample:	NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	ug/L	20	55900	D	57300	D	2		P
Antimony	ug/L	20	463	D	462	D	0		P
Arsenic	ug/L	20	746	D	763	D	2		P
Barium	ug/L	20	2940	D	2910	D	1		P
Beryllium	ug/L	20	466	D	473	D	1		P
Cadmium	ug/L	20	485	D	480	D	1		P
Calcium	ug/L	20	168000	D	172000	D	2		P
Chromium	ug/L	20	1800	D	1820	D	1		P
Cobalt	ug/L	20	600	D	606	D	1		P
Copper	ug/L	20	4720	D	4790	D	1		P
Iron	ug/L	20	214000	D	218000	D	2		P
Lead	ug/L	20	3420	D	3430	D	0		P
Magnesium	ug/L	20	105000	D	106000	D	1		P
Manganese	ug/L	20	8780	D	8990	D	2		P
Nickel	ug/L	20	633	D	644	D	2		P
Potassium	ug/L	20	36400	D	37400	D	3		P
Selenium	ug/L	20	464	D	482	D	4		P
Silver	ug/L	20	79.2	D	78.6	D	1		P
Sodium	ug/L	20	75300	D	76600	D	2		P
Thallium	ug/L	20	433	D	436	D	1		P
Vanadium	ug/L	20	556	D	559	D	1		P
Zinc	ug/L	20	7690	D	7820	D	2		P

Metals

- 7 -

LABORATORY CONTROL SAMPLE SUMMARY

Client: Remington & Vernick

SDG No.: Q3743

Contract: REMI01

Lab Code: ACE

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB170780BS							
Aluminum	ug/L	10000	9440		94	80 - 120	P
Antimony	ug/L	500	505		101	80 - 120	P
Arsenic	ug/L	500	498		100	80 - 120	P
Barium	ug/L	2500	2480		99	80 - 120	P
Beryllium	ug/L	500	483		97	80 - 120	P
Cadmium	ug/L	500	499		100	80 - 120	P
Calcium	ug/L	50000	48600		97	80 - 120	P
Chromium	ug/L	500	500		100	80 - 120	P
Cobalt	ug/L	500	503		101	80 - 120	P
Copper	ug/L	5000	5020		100	80 - 120	P
Iron	ug/L	25000	26200		105	80 - 120	P
Lead	ug/L	2500	2470		99	80 - 120	P
Magnesium	ug/L	50000	47400		95	80 - 120	P
Manganese	ug/L	5000	5010		100	80 - 120	P
Nickel	ug/L	500	495		99	80 - 120	P
Potassium	ug/L	25000	23800		95	80 - 120	P
Selenium	ug/L	500	501		100	80 - 120	P
Silver	ug/L	500	506		101	80 - 120	P
Sodium	ug/L	50000	48900		98	80 - 120	P
Thallium	ug/L	500	506		101	80 - 120	P
Vanadium	ug/L	500	492		98	80 - 120	P
Zinc	ug/L	5000	5130		103	80 - 120	P

Metals

- 7 -

LABORATORY CONTROL SAMPLE SUMMARY

Client: Remington & Vernick

SDG No.: Q3743

Contract: REMI01

Lab Code: ACE

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB170813BS Mercury	ug/L	4.0	4.37		109	80 - 120	CV

FORM 8A

ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Client: Remington & Vernick

Contract: REMI01

Lab Code: ACE

SDG No.: Q3743

Instrument ID: P7

Start Date : 12/03/2025

Run Number: LB138105

End Date : 12/03/2025

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	1005	100		100		100		100		100	
S2	S2	1008	99		98		98		99		100	
S3	S3	1012	101		99		98		98		100	
S4	S4	1015	95		95		95		95		97	
S5	S5	1018	90		90		91		90		92	
S6	S6	1021	88		85		86		84		88	
S7	S7	1023	81		77		78		77		81	
S8	S8	1026	93		89		89		84		93	
ICV01	ICV01	1059	101		98		97		97		98	
LLICV01	LLICV01	1110	105		100		99		100		100	
ICB01	ICB01	1113	101		97		97		99		98	
ICSA01	ICSA01	1118	101		96		95		92		98	
ICSAB01	ICSAB01	1121	102		99		99		95		101	
CCV01	CCV01	1124	87		86		88		84		90	
CCB01	CCB01	1127	103		101		102		103		103	
CRI	CRI	1142	100		98		99		99		100	
PB170780BL	PB170780BL	1145	101		99		100		100		101	
PB170780BS	PB170780BS	1149	91		87		88		87		90	
Q3743-01	TW-1125-1	1152	101		98		106		96		101	
Q3743-02	TW-1125-2	1155	102		98		101		97		100	
Q3743-02DUP	TW-1125-2DU	1158	102		100		101		98		101	
Q3743-02L	TW-1125-2L	1201	101		99		99		99		99	
Q3743-02MS	TW-1125-2MS	1204	96		97		100		95		97	
Q3743-02MSD	TW-1125-2MS	1207	98		99		103		97		100	
Q3743-02A	TW-1125-2A	1210	100		100		104		100		101	
CCV02	CCV02	1220	91		87		88		84		89	
CCB02	CCB02	1227	101		98		97		99		99	

FORM 8A

ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Client: Remington & Vernick

Contract: REMI01

Lab Code: ACE

SDG No.: Q3743

Instrument ID: P7

Start Date : 12/03/2025

Run Number: LB138105

End Date : 12/03/2025

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	1005	100		100		100		100		100	
S2	S2	1008	99		100		100		100		101	
S3	S3	1012	97		99		98		98		98	
S4	S4	1015	95		96		95		95		97	
S5	S5	1018	90		91		90		90		93	
S6	S6	1021	85		87		85		87		90	
S7	S7	1023	78		78		76		80		82	
S8	S8	1026	91		92		85		93		95	
ICV01	ICV01	1059	97		99		97		98		99	
LLICV01	LLICV01	1110	97		100		98		99		100	
ICB01	ICB01	1113	95		99		99		98		100	
ICSA01	ICSA01	1118	94		97		94		97		99	
ICSAB01	ICSAB01	1121	97		99		95		98		101	
CCV01	CCV01	1124	86		88		86		89		90	
CCB01	CCB01	1127	98		101		102		100		104	
CRI	CRI	1142	96		100		100		99		101	
PB170780BL	PB170780BL	1145	96		101		99		98		102	
PB170780BS	PB170780BS	1149	85		86		86		89		91	
Q3743-01	TW-1125-1	1152	97		107		95		98		100	
Q3743-02	TW-1125-2	1155	97		102		97		98		101	
Q3743-02DUP	TW-1125-2DU	1158	95		100		95		96		100	
Q3743-02L	TW-1125-2L	1201	97		101		100		100		102	
Q3743-02MS	TW-1125-2MS	1204	95		102		96		98		101	
Q3743-02MSD	TW-1125-2MS	1207	97		103		98		100		103	
Q3743-02A	TW-1125-2A	1210	98		105		99		99		103	
CCV02	CCV02	1220	85		86		83		88		92	
CCB02	CCB02	1227	95		99		98		98		101	

FORM 8B

ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Client: Remington & Vernick

Contract: REMI01

Lab Code: ACE

SDG No.: Q3743

Instrument ID: P7

Start Date : 12/03/2025

Run Number: LB138105

End Date : 12/03/2025

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	1005	100		100							
S2	S2	1008	99		98							
S3	S3	1012	99		99							
S4	S4	1015	97		98							
S5	S5	1018	92		92							
S6	S6	1021	88		87							
S7	S7	1023	80		81							
S8	S8	1026	94		86							
ICV01	ICV01	1059	100		101							
LLICV01	LLICV01	1110	102		103							
ICB01	ICB01	1113	99		100							
ICSA01	ICSA01	1118	100		98							
ICSAB01	ICSAB01	1121	103		101							
CCV01	CCV01	1124	92		88							
CCB01	CCB01	1127	104		107							
CRI	CRI	1142	103		102							
PB170780BL	PB170780BL	1145	101		104							
PB170780BS	PB170780BS	1149	92		92							
Q3743-01	TW-1125-1	1152	101		101							
Q3743-02	TW-1125-2	1155	102		103							
Q3743-02DUP	TW-1125-2DUP	1158	104		101							
Q3743-02L	TW-1125-2L	1201	102		102							
Q3743-02MS	TW-1125-2MS	1204	101		99							
Q3743-02MSD	TW-1125-2MSD	1207	103		102							
Q3743-02A	TW-1125-2A	1210	101		102							
CCV02	CCV02	1220	91		88							
CCB02	CCB02	1227	100		100							

FORM 8B

ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Client: Remington & Vernick
Lab Code: ACE
Instrument ID: P7
Run Number: LB138105

Contract: REMI01
SDG No.: Q3743
Start Date : 12/03/2025
End Date : 12/03/2025

Lab SampleID	Client SampleID	Time	Internal Standard %RI For: Collision Cell									
			Element 209Bi	Q	Element	Q	Element	Q	Element	Q	Element	Q
S0	S0	1005	100									
S2	S2	1008	99									
S3	S3	1012	98									
S4	S4	1015	94									
S5	S5	1018	92									
S6	S6	1021	87									
S7	S7	1023	80									
S8	S8	1026	87									
ICV01	ICV01	1059	100									
LLICV01	LLICV01	1110	102									
ICB01	ICB01	1113	99									
ICSA01	ICSA01	1118	97									
ICSAB01	ICSAB01	1121	99									
CCV01	CCV01	1124	86									
CCB01	CCB01	1127	102									
CRI	CRI	1142	102									
PB170780BL	PB170780BL	1145	104									
PB170780BS	PB170780BS	1149	89									
Q3743-01	TW-1125-1	1152	100									
Q3743-02	TW-1125-2	1155	101									
Q3743-02DUP	TW-1125-2DUP	1158	97									
Q3743-02L	TW-1125-2L	1201	103									
Q3743-02MS	TW-1125-2MS	1204	99									
Q3743-02MSD	TW-1125-2MSD	1207	101									
Q3743-02A	TW-1125-2A	1210	100									
CCV02	CCV02	1220	87									
CCB02	CCB02	1227	101									

Metals

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ICP SERIAL DILUTIONS

SAMPLE NO.

TW-1125-1L

Lab Name: Alliance

Contract: REMI01

Lab Code: ACE

Lb No.: lb138109

Lab Sample ID : Q3743-01L

SDG No.: Q3743

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
Mercury	13.3 OR	18.7	41		CV

Metals
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ICP SERIAL DILUTIONS

SAMPLE NO.

TW-1125-2L

Lab Name: Alliance **Contract:** REMI01
Lab Code: ACE **Lb No.:** lb138105 **Lab Sample ID :** Q3743-02L **SDG No.:** Q3743
Matrix (soil/water): Water **Level (low/med):** LOW
Concentration Units: ug/L

Analyte	Initial Sample Result (I)		Serial Dilution Result (S)		% Differ- ence	Q	M
		C		C			
Aluminum	48700	D	48300	D	1		P
Antimony	3.15	JD	3.50	JD	11		P
Arsenic	310	D	323	D	4		P
Barium	893	D	909	D	2		P
Beryllium	5.05	D	25.0	UD	6		P
Cadmium	7.75	D	25.0	UD	26		P
Calcium	131000	D	135000	D	3		P
Chromium	1400	D	1410	D	1		P
Cobalt	145	D	150	D	3		P
Copper	462	D	473	D	2		P
Iron	199000	D	205000	D	3		P
Lead	1100	D	1100	D	0		P
Magnesium	64300	D	63700	D	1		P
Manganese	4750	D	4750	D	0		P
Nickel	180	D	184	D	2		P
Potassium	16900	D	17200	D	2		P
Selenium	25.0	UD	125	UD			P
Silver	3.05	JD	3.25	JD	7		P
Sodium	32700	D	32100	D	2		P
Thallium	2.15	JD	2.75	JD	28		P
Vanadium	94.5	D	94.8	JD	0		P
Zinc	3510	D	3610	D	3		P



METAL PREPARATION & INSTRUMENT DATA



METAL PREPARATION & ANALYICAL SUMMARY

Metals

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SAMPLE PREPARATION SUMMARY

Client: Remington & Vernick

SDG No.: Q3743

Contract: REMI01

Lab Code: ACE

Method:

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
Batch Number: PB170780							
PB170780BL	PB170780BL	MB	WATER	12/02/2025	50.0	50.0	
PB170780BS	PB170780BS	LCS	WATER	12/02/2025	50.0	50.0	
Q3743-01	TW-1125-1	SAM	WATER	12/02/2025	50.0	50.0	
Q3743-02	TW-1125-2	SAM	WATER	12/02/2025	50.0	50.0	
Q3743-02DUP	TW-1125-2DUP	DUP	WATER	12/02/2025	50.0	50.0	
Q3743-02MS	TW-1125-2MS	MS	WATER	12/02/2025	50.0	50.0	
Q3743-02MSD	TW-1125-2MSD	MSD	WATER	12/02/2025	50.0	50.0	

Metals

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SAMPLE PREPARATION SUMMARY

Client: Remington & Vernick

SDG No.: Q3743

Contract: REMI01

Lab Code: ACE

Method: _____

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
Batch Number: PB170813							
PB170813BL	PB170813BL	MB	WATER	12/04/2025	30.0	30.0	
PB170813BS	PB170813BS	LCS	WATER	12/04/2025	30.0	30.0	
Q3743-01	TW-1125-1	SAM	WATER	12/04/2025	30.0	30.0	
Q3743-01DUP	TW-1125-1DUP	DUP	WATER	12/04/2025	30.0	30.0	
Q3743-01MS	TW-1125-1MS	MS	WATER	12/04/2025	30.0	30.0	
Q3743-01MSD	TW-1125-1MSD	MSD	WATER	12/04/2025	30.0	30.0	
Q3743-02	TW-1125-2	SAM	WATER	12/04/2025	30.0	30.0	

metals
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ANALYSIS RUN LOG

Client: Remington & Vernick

Contract: REMI01

Lab code: ACE

Sdg no.: Q3743

Instrument id number: _____

Method: _____

Run number: LB138105

Start date: 12/03/2025

End date: 12/03/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1005	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S2	S2	1	1008	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S3	S3	1	1012	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S4	S4	1	1015	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S5	S5	1	1018	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S6	S6	1	1021	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S7	S7	1	1023	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S8	S8	1	1026	Al,Ca,Fe,K,Mg,Na
ICV01	ICV01	1	1059	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
LLICV01	LLICV01	1	1110	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICB01	ICB01	1	1113	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSA01	ICSA01	1	1118	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSAB01	ICSAB01	1	1121	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV01	CCV01	1	1124	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB01	CCB01	1	1127	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CRI	CRI	1	1142	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB170780BL	PB170780BL	1	1145	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB170780BS	PB170780BS	1	1149	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3743-01	TW-1125-1	5	1152	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3743-02	TW-1125-2	5	1155	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3743-02DUP	TW-1125-2DUP	5	1158	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3743-02L	TW-1125-2L	25	1201	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3743-02MS	TW-1125-2MS	5	1204	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3743-02MSD	TW-1125-2MSD	5	1207	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3743-02A	TW-1125-2A	5	1210	Ag,Ca
CCV02	CCV02	1	1220	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB02	CCB02	1	1227	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV03	CCV03	1	1300	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB03	CCB03	1	1305	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn

metals
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ANALYSIS RUN LOG

Client: Remington & Vernick

Contract: REMI01

Lab code: ACE

Sdg no.: Q3743

Instrument id number: _____

Method: _____

Run number: LB138109

Start date: 12/04/2025

End date: 12/04/2025

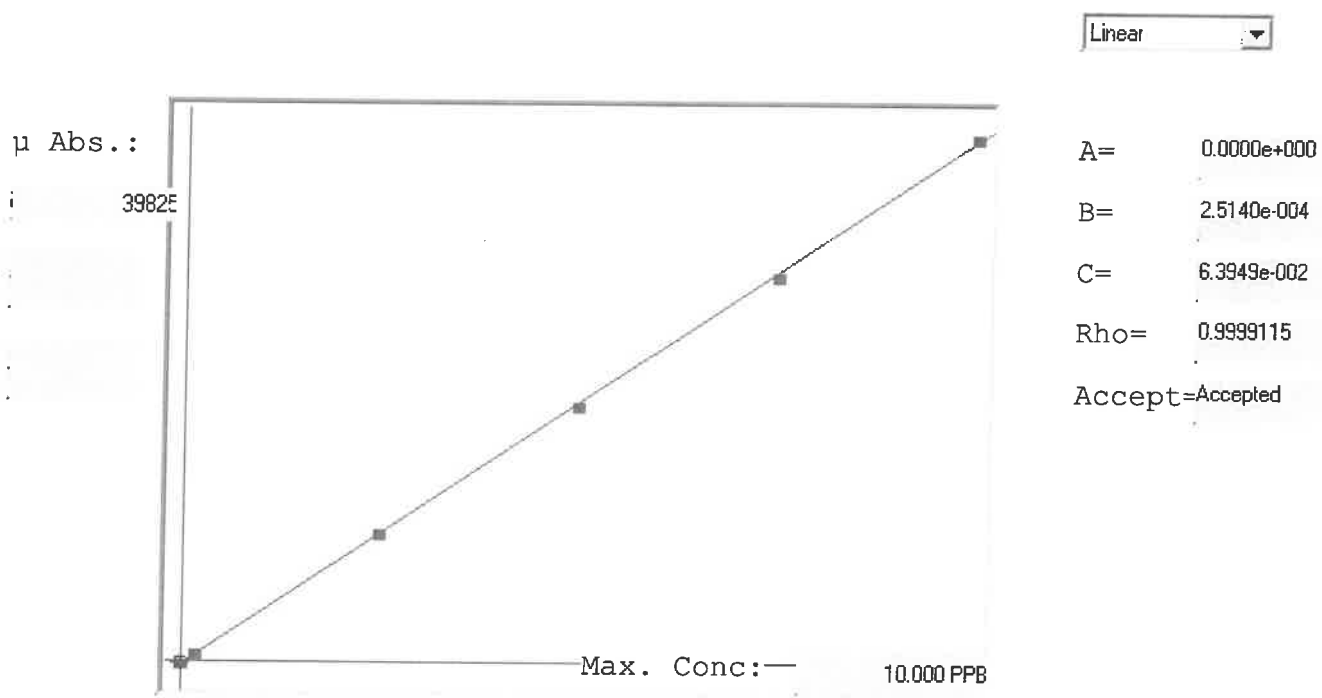
Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	0924	HG
S0.2	S0.2	1	0926	HG
S2.5	S2.5	1	0928	HG
S5	S5	1	0931	HG
S7.5	S7.5	1	0933	HG
S10	S10	1	0941	HG
ICV137	ICV137	1	0945	HG
ICB137	ICB137	1	0947	HG
CCV59	CCV59	1	0951	HG
CCB59	CCB59	1	0954	HG
CRA	CRA	1	0956	HG
CCV60	CCV60	1	1019	HG
CCB60	CCB60	1	1021	HG
PB170813BL	PB170813BL	1	1028	HG
Q3743-02	TW-1125-2	1	1047	HG
CCV61	CCV61	1	1051	HG
CCB61	CCB61	1	1054	HG
Q3743-01L	TW-1125-1L	5	1105	HG
CCV62	CCV62	1	1110	HG
CCB62	CCB62	1	1112	HG
Q3743-01	TW-1125-1	5	1114	HG
Q3743-01DUP	TW-1125-1DUP	5	1116	HG
Q3743-01MS	TW-1125-1MS	5	1119	HG
Q3743-01MSD	TW-1125-1MSD	5	1121	HG
Q3743-01A	TW-1125-1A	5	1126	HG
PB170813BS	PB170813BS	1	1216	HG
CCV63	CCV63	1	1219	HG
CCB63	CCB63	1	1221	HG



METAL RAW DATA

LB138109
INSTRUMENT ID:CV1

7470A



Std ID	Conc.	Calc.	Dev.	Mean	SD or %RSD	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5
0.0	0.000	0.012	0.012	-208	0.000	-208	0			
0.2	0.200	0.226	0.026	645	0.0 %	645	0			
2.5	2.500	2.507	0.007	9717	0.0 %	9717	0			
5.0	5.000	4.957	-0.043	19463	0.0 %	19463				
7.5	7.500	7.423	-0.077	29271	0.0 %	29271				
10.0	10.000	10.076	0.076	39825	0.0 %	39825				

LB138109 INSTRUMENT ID : CV1

Method: 7470A

Operator: Admin

Date of Analysis: 04 Dec 2025 08:49:56

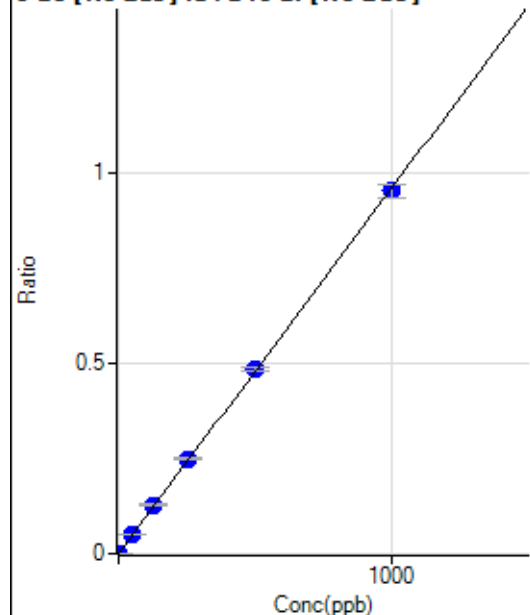
Type	Sample ID	Extended ID	Conc.	μ Abs	Units	Method	Std Cond	Date
S	0.0 - 1	50	-	-208	PPB	7470A	0.0000	04 Dec 2025 09:24:02
S	0.2 - 1	50.2	-	645	PPB	7470A	0.2000	04 Dec 2025 09:26:19
S	2.5 - 1	52.5	-	9717	PPB	7470A	2.5000	04 Dec 2025 09:28:35
S	5.0 - 1	55.0	-	19463	PPB	7470A	5.0000	04 Dec 2025 09:31:05
S	7.5 - 1	57.5	-	29271	PPB	7470A	7.5000	04 Dec 2025 09:33:22
S	10.0 - 1	510.0	-	39825	PPB	7470A	10.0000	04 Dec 2025 09:41:28
U	ICV137 - 1	ICV137	4.1982	16445	PPB	7470A		04 Dec 2025 09:45:04
U	ICB137 - 1	ICB137	0.0418	-88	PPB	7470A		04 Dec 2025 09:47:19
U	CCV59 - 1	CCV59	5.1417	20198	PPB	7470A		04 Dec 2025 09:51:57
U	CCB59 - 1	CCB59	0.0428	-84	PPB	7470A		04 Dec 2025 09:54:12
U	CRA - 1	CRA	0.2354	682	PPB	7470A		04 Dec 2025 09:56:28
U	HighStd - 1	HighStd	10.1433	40093	PPB	7470A		04 Dec 2025 09:58:43
U	ChkStd - 1	ChkStd	7.1617	28233	PPB	7470A		04 Dec 2025 10:00:58
U	PB170812BL - 1	PBW	0.0275	-145	PPB	7470A		04 Dec 2025 10:03:14
U	PB170812BS - 1	LCSW	3.9953	15638	PPB	7470A		04 Dec 2025 10:05:32
U	Q3750-07 - 1	FENCE WC-1	0.0549	-36	PPB	7470A		04 Dec 2025 10:07:48
U	Q3750-08 - 1	FENCE WC-2	0.0725	34	PPB	7470A		04 Dec 2025 10:10:05
U	Q3753-03 - 1	MOO-25-334-337	0.0660	8	PPB	7470A		04 Dec 2025 10:12:22
U	Q3753-05 - 1	AR520-0002	0.0705	26	PPB	7470A		04 Dec 2025 10:14:39
U	Q3753-05DUP - 1	AR520-0002DUP	0.0710	28	PPB	7470A		04 Dec 2025 10:16:55
U	CCV60 - 1	CCV60	5.1600	20271	PPB	7470A		04 Dec 2025 10:19:10
U	CCB60 - 1	CCB60	0.0431	-83	PPB	7470A		04 Dec 2025 10:21:25
U	Q3753-05MS - 1	AR520-0002MS	3.7014	14469	PPB	7470A		04 Dec 2025 10:23:41
U	Q3753-05MSD - 1	AR520-0002MSD	4.4509	17450	PPB	7470A		04 Dec 2025 10:25:57
U	PB170813BL - 1	PBW	0.0431	-83	PPB	7470A		04 Dec 2025 10:28:13
U	Q3743-01 - 1	TW-1125-1	13.2920	52618	PPB	7470A		04 Dec 2025 10:37:51
U	Q3743-01DUP - 1	TW-1125-1DUP	12.9690	51333	PPB	7470A		04 Dec 2025 10:40:09
U	Q3743-01MS - 1	TW-1125-1MS	16.0491	63585	PPB	7470A		04 Dec 2025 10:42:28
U	Q3743-01MSD - 1	TW-1125-1MSD	16.8011	66576	PPB	7470A		04 Dec 2025 10:44:48
U	Q3743-02 - 1	TW-1125-2	5.9180	23286	PPB	7470A		04 Dec 2025 10:47:16
U	Q3749-01 - 1	AUD-25-0204	0.1502	343	PPB	7470A		04 Dec 2025 10:49:36
U	CCV61 - 1	CCV61	5.0859	19976	PPB	7470A		04 Dec 2025 10:51:53
U	CCB61 - 1	CCB61	0.0436	-81	PPB	7470A		04 Dec 2025 10:54:09
U	Q3771-02 - 1	Comp	0.2907	902	PPB	7470A		04 Dec 2025 10:56:25
U	PB170785TB - 1	PB170785TB	-0.0250	-354	PPB	7470A		04 Dec 2025 10:58:40
U	Q3753-05LX5 - 1		0.0514	-50	PPB	7470A		04 Dec 2025 11:00:56
U	Q3753-05A - 1		4.2228	16543	PPB	7470A		04 Dec 2025 11:03:12
U	Q3743-01LX5 - 1		3.7477	14653	PPB	7470A		04 Dec 2025 11:05:27
U	Q3743-01A - 1		17.7307	70274	PPB	7470A		04 Dec 2025 11:07:43
U	CCV62 - 1	CCV62	4.9929	19606	PPB	7470A		04 Dec 2025 11:10:02
U	CCB62 - 1	CCB62	0.0376	-105	PPB	7470A		04 Dec 2025 11:12:22
U	Q3743-01DLX5 - 1		2.3866	9239	PPB	7470A		04 Dec 2025 11:14:39
U	Q3743-01DUPDLX5 - 1		2.5085	9724	PPB	7470A		04 Dec 2025 11:16:54
U	Q3743-01MSDLX5 - 1		3.5772	13975	PPB	7470A		04 Dec 2025 11:19:10
U	Q3743-01MSDDLX5 - 1		3.5197	13746	PPB	7470A		04 Dec 2025 11:21:26
U	Q3743-01LDLX25 - 1		0.4999	1734	PPB	7470A		04 Dec 2025 11:23:43
U	Q3743-01ADLX5 - 1		3.2245	12572	PPB	7470A		04 Dec 2025 11:26:00
U	PB170813BS - 1	LCSW	4.3681	17121	PPB	7470A		04 Dec 2025 12:16:33
U	CCV63 - 1	CCV63	5.3906	21188	PPB	7470A		04 Dec 2025 12:19:31
U	CCB63 - 1	CCB63	0.0569	-28	PPB	7470A		04 Dec 2025 12:21:46

Batch Folder: D:\Agilent\ICPMH\1\DATA\P7120325-MS.b\
Analysis File: P7120325-MS.batch.bin
DA Date-Time: 2025-12-03 23:52:25
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2025-12-03 10:05:28
2	005CALS.d	S02	2025-12-03 10:08:44
3	006CALS.d	S03	2025-12-03 10:12:01
4	007CALS.d	S04	2025-12-03 10:15:09
5	008CALS.d	S05	2025-12-03 10:18:11
6	009CALS.d	S06	2025-12-03 10:21:05
7	010CALS.d	S07	2025-12-03 10:23:53
8	011CALS.d	S08	2025-12-03 10:26:39

Calibration for 030SMPL.d

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	22.22	0.0000	P	61.2
2	☐	1.000	1.076	1113.38	0.0011	P	3.8
3	☐	50.000	52.966	54564.54	0.0508	P	0.8
4	☐	125.000	133.433	130186.98	0.1279	P	3.1
5	☐	250.000	258.980	239678.88	0.2482	P	2.0
6	☐	500.000	506.272	453904.77	0.4851	P	2.2
7	☐	1000.000	993.417	827905.65	0.9518	P	3.6
8	☐			282.23	0.0003	P	7.3

$$y = 9.5813E-004 * x + 2.0590E-005$$

$$R = 0.9999$$

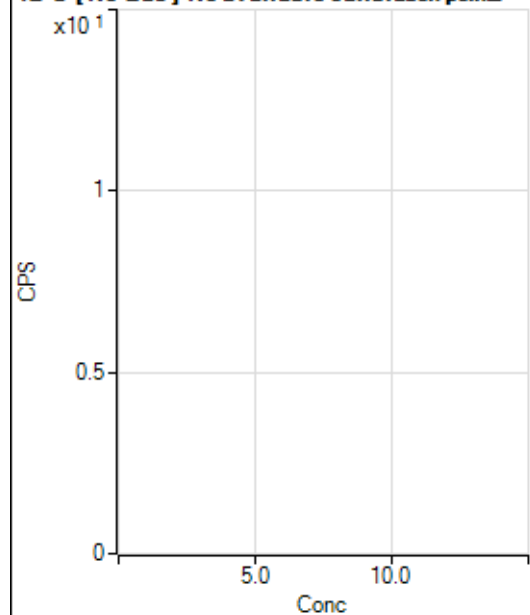
$$DL = 0.03946$$

$$BEC = 0.02149$$

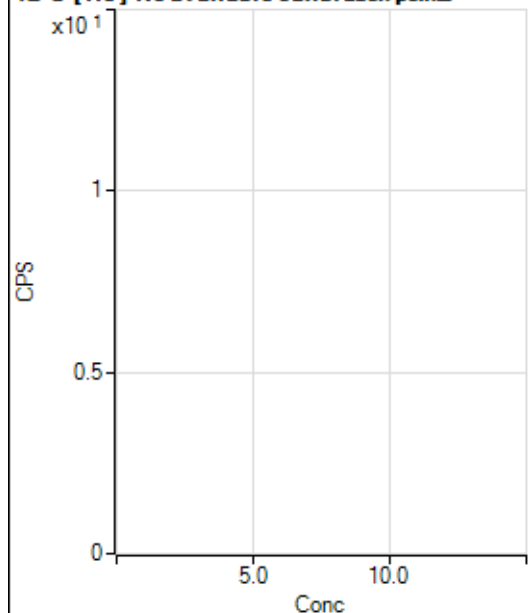
Weight: <None>

Min Conc: <None>

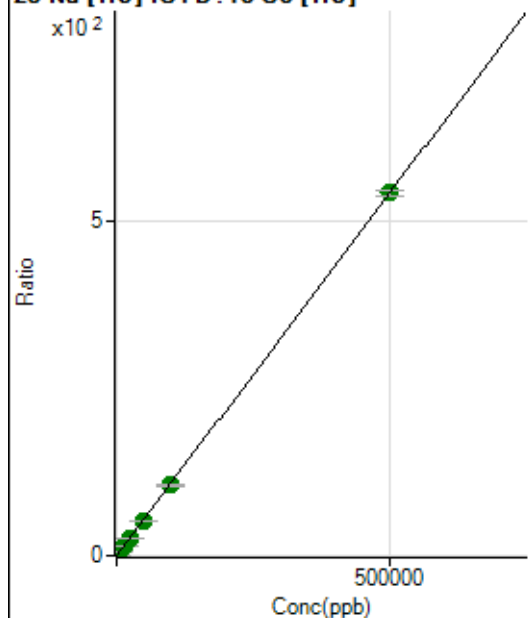
12 C [No Gas] No available calibration points



	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	15059.69	0.0406	P	0.8
2	☐	500.000	485.190	207707.65	0.5663	P	1.0
3	☐	5000.000	4947.143	1947645.58	5.4000	A	0.4
4	☐	12500.000	12341.199	4715001.32	13.4102	A	3.2
5	☐	25000.000	24181.509	8715428.76	26.2370	A	1.8
6	☐	50000.000	48661.081	16648957.25	52.7563	A	0.3
7	☐	100000.00	97258.846	30406978.99	105.4035	A	1.2
8	☐	500000.00	500727.56	183282323.9	542.4907	A	1.4

$$y = 0.0011 * x + 0.0406$$

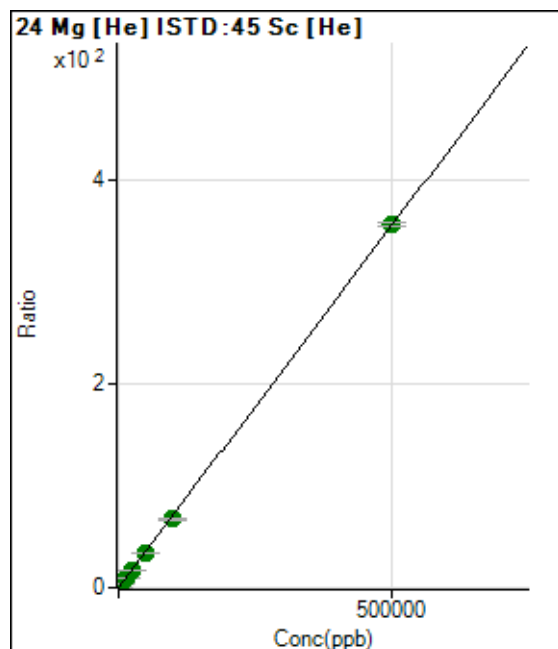
$$R = 1.0000$$

$$DL = 0.8959$$

$$BEC = 37.52$$

Weight: <None>

Min Conc: <None>



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	364.45	0.0010	P	6.7
2	☐	500.000	478.343	124687.25	0.3399	P	1.1
3	☐	5000.000	4972.329	1270974.31	3.5242	A	2.5
4	☐	12500.000	12060.904	3005178.78	8.5470	A	1.2
5	☐	25000.000	23654.680	5568301.59	16.7620	A	1.3
6	☐	50000.000	48372.614	10816791.51	34.2764	A	1.6
7	☐	100000.00	94556.247	19326547.35	67.0008	A	1.8
8	☐	500000.00	501330.03	120012463.7	355.2288	A	1.0

$$y = 7.0857E-004 * x + 9.8378E-004$$

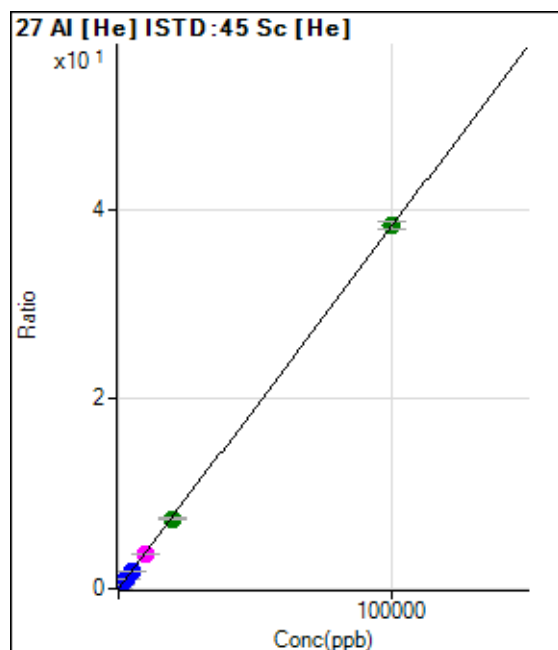
$$R = 0.9999$$

$$DL = 0.2782$$

$$BEC = 1.388$$

Weight: <None>

Min Conc: <None>



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	192.22	0.0005	P	14.4
2	☐	20.000	21.483	3199.25	0.0087	P	4.6
3	☐	1000.000	976.848	134699.81	0.3735	P	2.1
4	☐	2500.000	2405.176	323087.15	0.9189	P	0.2
5	☐	5000.000	4802.458	609337.15	1.8343	P	0.8
6	☐	10000.000	9685.860	1167343.59	3.6989	M	0.6
7	☐	20000.000	19312.327	2127462.94	7.3746	A	1.1
8	☐	100000.00	100181.42	12923486.48	38.2533	A	2.1

$$y = 3.8184E-004 * x + 5.1841E-004$$

$$R = 1.0000$$

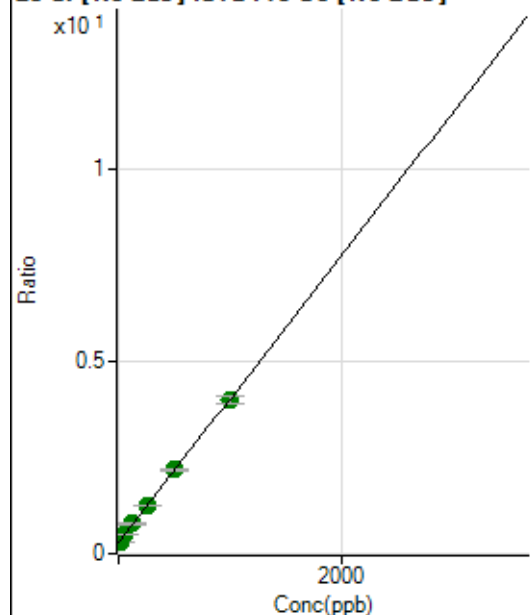
$$DL = 0.5877$$

$$BEC = 1.358$$

Weight: <None>

Min Conc: <None>

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1224218.03	0.2903	A	0.9
2	☐	10.000	2.657	1246914.87	0.3003	A	3.0
3	☐	50.000	52.620	2041875.77	0.4876	A	1.7
4	☐	125.000	130.724	3138810.51	0.7803	A	1.3
5	☐	250.000	258.751	4758381.84	1.2603	A	1.8
6	☐	500.000	508.932	7895512.52	2.1981	A	2.2
7	☐	1000.000	992.573	13002637.17	4.0111	A	4.3
8	☐			1196196.72	0.3178	A	1.9

$$y = 0.0037 * x + 0.2903$$

$$R = 0.9998$$

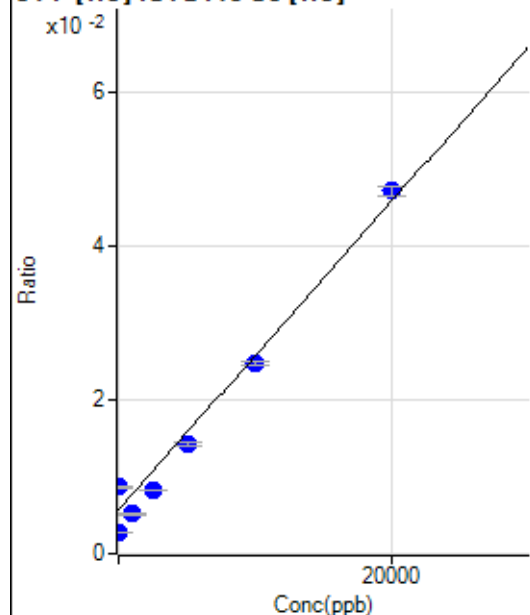
$$DL = 1.978$$

$$BEC = 77.45$$

Weight: <None>

Min Conc: <None>

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-1470.550	1021.15	0.0028	P	2.4
2	☐	0.000	1470.550	3179.25	0.0087	P	5.0
3	☐	1000.000	-259.989	1871.24	0.0052	P	4.4
4	☐	2500.000	1271.024	2906.97	0.0083	P	1.0
5	☐	5000.000	4229.813	4721.89	0.0142	P	3.5
6	☐	10000.000	9482.070	7818.72	0.0248	P	1.3
7	☐	20000.000	20668.133	13635.07	0.0473	P	2.3
8	☐			1007.82	0.0030	P	8.9

$$y = 2.0104E-006 * x + 0.0057$$

$$R = 0.9911$$

$$DL = 368.9$$

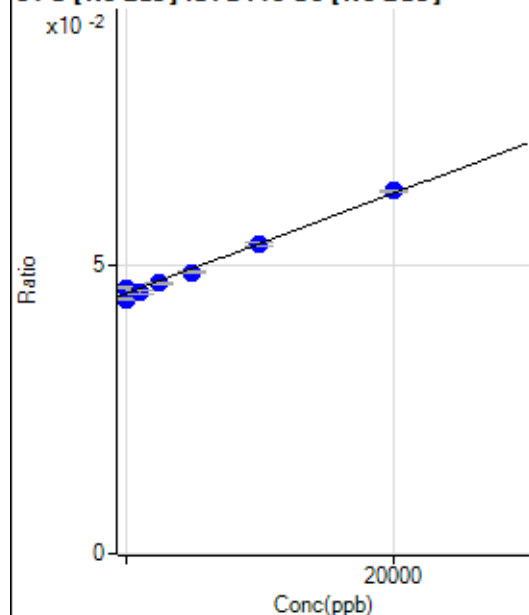
$$BEC = 2841$$

Weight: <None>

Min Conc: <None>

Calibration for 030SMPL.d

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-1171.946	186126.24	0.0441	P	0.7
2	☐	0.000	1171.946	191782.43	0.0462	P	0.4
3	☐	1000.000	156.527	189709.50	0.0453	P	1.7
4	☐	2500.000	2058.031	188884.61	0.0470	P	0.9
5	☐	5000.000	4208.855	184385.09	0.0488	P	0.8
6	☐	10000.000	9742.890	192744.51	0.0537	P	1.0
7	☐	20000.000	20423.761	204186.19	0.0630	P	0.6
8	☐			178978.19	0.0475	P	0.9

$$y = 8.7238\text{E-}007 * x + 0.0452$$

$$R = 0.9947$$

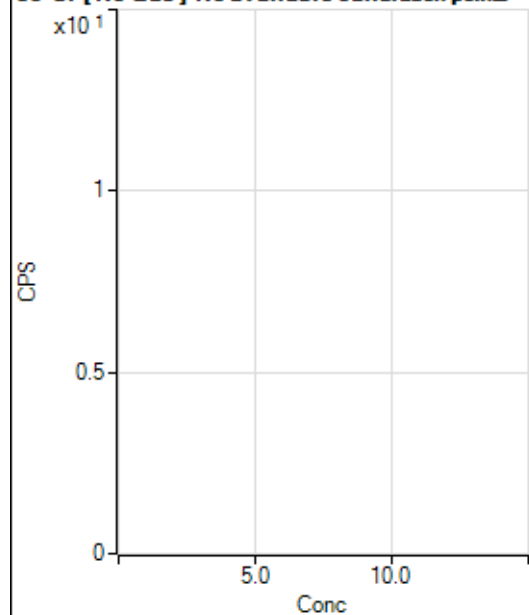
$$DL = 876.8$$

$$BEC = 5.177\text{E}+04$$

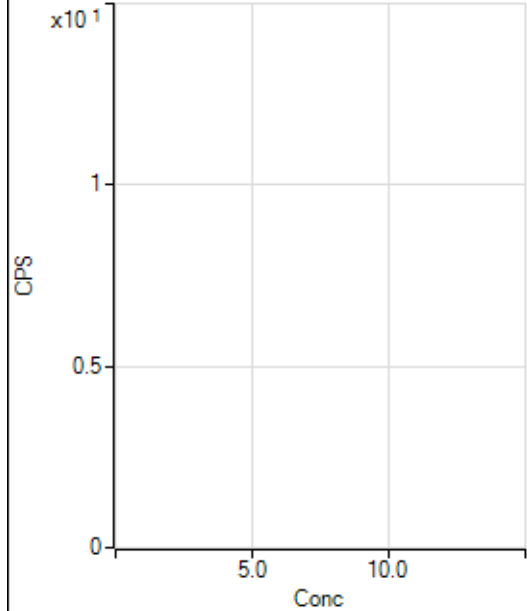
Weight: <None>

Min Conc: <None>

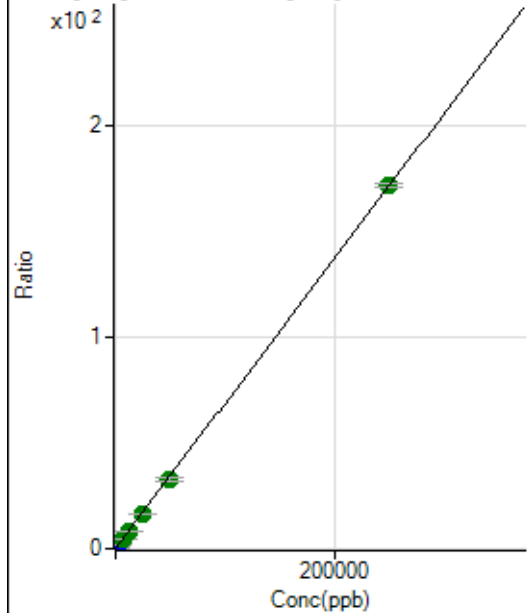
35 Cl [No Gas] No available calibration points



	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	45766.40	0.1235	P	1.0
2	☐	500.000	501.741	171155.49	0.4666	P	1.5
3	☐	2500.000	2601.494	686127.42	1.9025	P	1.3
4	☐	6250.000	6214.695	1537538.26	4.3732	A	0.8
5	☐	12500.000	12101.863	2790041.31	8.3990	A	1.1
6	☐	25000.000	24285.869	5279891.38	16.7306	A	0.5
7	☐	50000.000	47872.258	9475010.83	32.8594	A	4.0
8	☐	250000.00	250516.73	57916908.58	171.4314	A	1.2

$$y = 6.8382E-004 * x + 0.1235$$

$$R = 1.0000$$

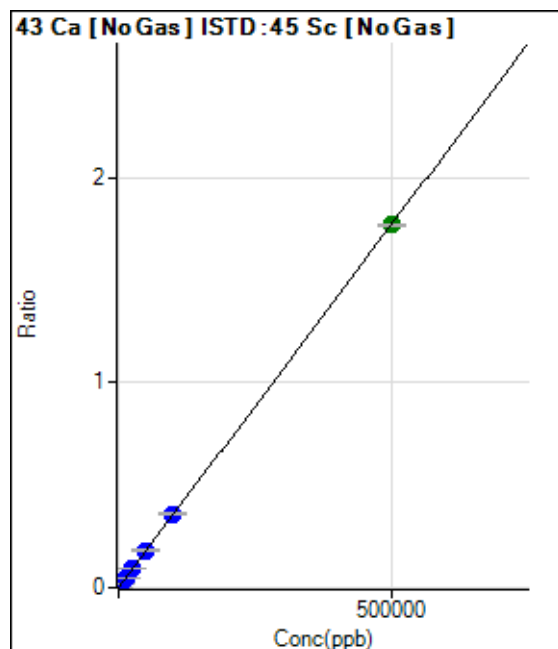
$$DL = 5.254$$

$$BEC = 180.6$$

Weight: <None>

Min Conc: <None>

Calibration for 030SMPL.d



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	987.82	0.0002	P	3.6
2	☐	500.000	501.143	8346.81	0.0020	P	3.8
3	☐	5000.000	5183.840	77914.53	0.0186	P	1.9
4	☐	12500.000	12863.651	184304.48	0.0458	P	1.7
5	☐	25000.000	25479.569	341823.59	0.0905	P	0.5
6	☐	50000.000	51015.663	650234.64	0.1810	P	2.2
7	☐	100000.00	101463.31	1166420.16	0.3598	P	3.0
8	☐	500000.00	499570.86	6666107.82	1.7706	A	0.7

$$y = 3.5439\text{E-}006 * x + 2.3428\text{E-}004$$

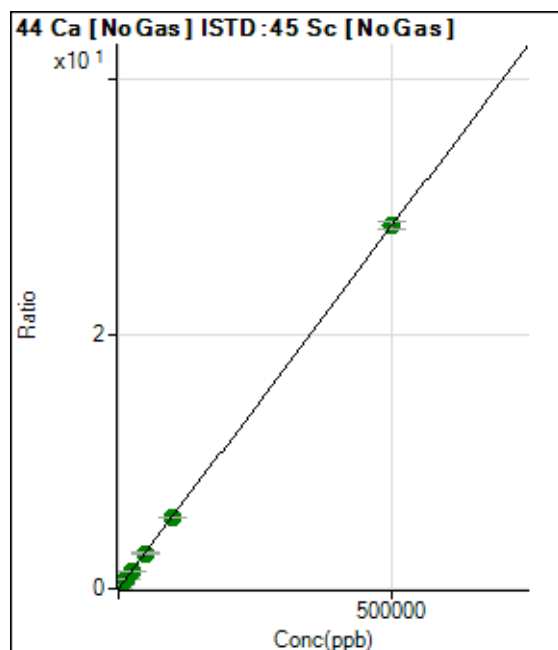
R = 1.0000

DL = 7.102

BEC = 66.11

Weight: <None>

Min Conc: <None>



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	41186.89	0.0098	P	1.2
2	☐	500.000	520.917	163662.44	0.0394	P	0.9
3	☐	5000.000	5049.677	1244475.92	0.2972	A	1.5
4	☐	12500.000	12387.760	2875240.76	0.7148	A	1.7
5	☐	25000.000	24482.183	5297779.02	1.4031	A	0.9
6	☐	50000.000	48891.227	10029725.82	2.7922	A	0.3
7	☐	100000.00	97765.273	18069318.20	5.5737	A	2.1
8	☐	500000.00	500586.00	107316568.4	28.4987	A	1.9

$$y = 5.6911\text{E-}005 * x + 0.0098$$

R = 1.0000

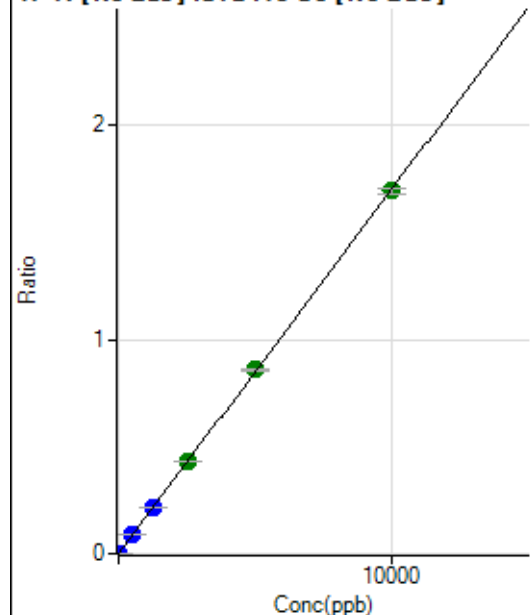
DL = 6.316

BEC = 171.6

Weight: <None>

Min Conc: <None>

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	84.44	0.0000	P	20.0
2	☐	5.000	5.221	3766.06	0.0009	P	2.6
3	☐	500.000	509.649	362664.64	0.0866	P	2.0
4	☐	1250.000	1275.837	871874.27	0.2168	P	1.2
5	☐	2500.000	2539.560	1629011.31	0.4314	A	1.2
6	☐	5000.000	5044.101	3078149.08	0.8569	A	1.8
7	☐	10000.000	9964.348	5487918.11	1.6928	A	1.5
8	☐			1600.10	0.0004	P	5.7

$$y = 1.6988E-004 * x + 2.0017E-005$$

$$R = 1.0000$$

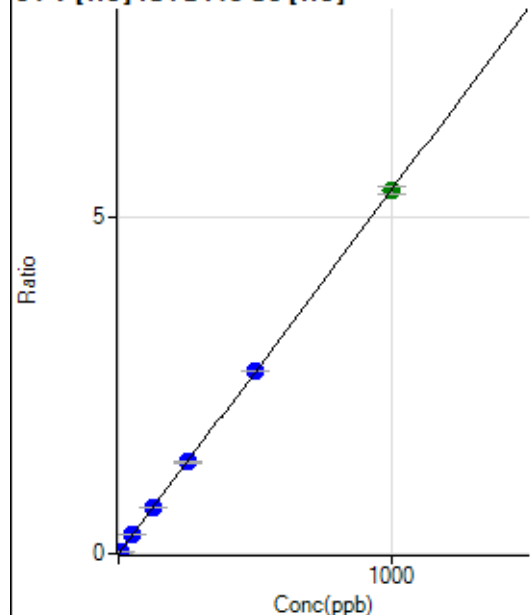
$$DL = 0.07053$$

$$BEC = 0.1178$$

Weight: <None>

Min Conc: <None>

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	17.78	0.0000	P	21.9
2	☐	5.000	5.055	10005.62	0.0273	P	1.2
3	☐	50.000	51.124	99322.17	0.2754	P	1.9
4	☐	125.000	126.253	239112.14	0.6801	P	0.4
5	☐	250.000	251.726	450412.42	1.3559	P	1.1
6	☐	500.000	502.626	854350.40	2.7073	P	0.9
7	☐	1000.000	998.043	1550588.43	5.3757	A	2.0
8	☐			1646.77	0.0049	P	3.2

$$y = 0.0054 * x + 4.7995E-005$$

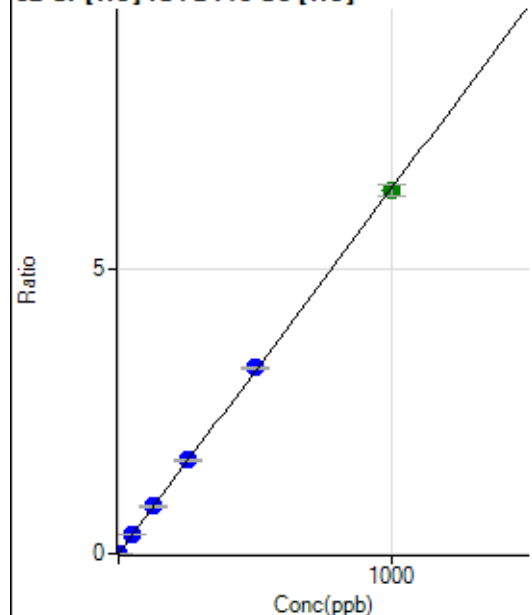
$$R = 1.0000$$

$$DL = 0.005846$$

$$BEC = 0.008911$$

Weight: <None>

Min Conc: <None>

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	830.03	0.0022	P	5.8
2	☐	2.000	2.003	5522.17	0.0151	P	1.6
3	☐	50.000	52.038	120894.04	0.3352	P	0.5
4	☐	125.000	128.994	290944.12	0.8276	P	1.3
5	☐	250.000	255.935	544693.96	1.6397	P	1.3
6	☐	500.000	508.468	1027346.21	3.2555	P	1.1
7	☐	1000.000	993.681	1834075.72	6.3599	A	3.3
8	☐			39030.48	0.1155	P	0.3

$$y = 0.0064 * x + 0.0022$$

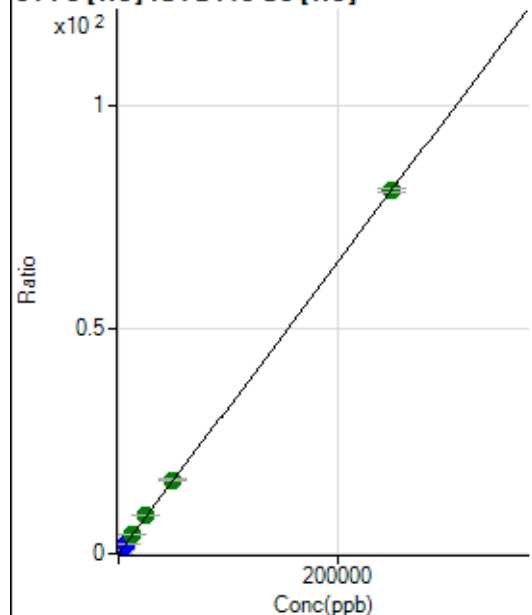
$$R = 0.9999$$

$$DL = 0.06045$$

$$BEC = 0.3501$$

Weight: <None>

Min Conc: <None>

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1376.75	0.0037	P	8.6
2	☐	50.000	54.765	7866.56	0.0214	P	1.9
3	☐	2500.000	2776.782	325534.37	0.9026	P	1.6
4	☐	6250.000	6781.184	773165.24	2.1990	P	0.8
5	☐	12500.000	13071.090	1406896.50	4.2352	A	1.1
6	☐	25000.000	26142.607	2671960.62	8.4669	A	1.2
7	☐	50000.000	50685.619	4733606.00	16.4122	A	2.6
8	☐	250000.00	249704.01	27311425.98	80.8406	A	1.2

$$y = 3.2373E-004 * x + 0.0037$$

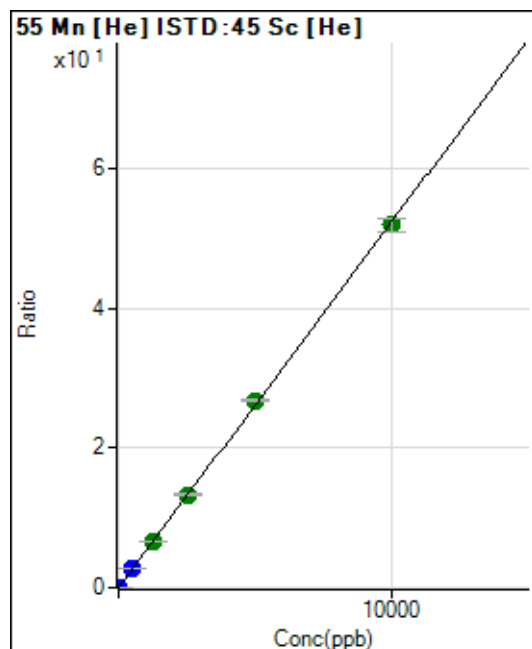
$$R = 1.0000$$

$$DL = 2.969$$

$$BEC = 11.48$$

Weight: <None>

Min Conc: <None>



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	337.79	0.0009	P	8.2
2	☐	1.000	1.095	2433.56	0.0066	P	3.7
3	☐	500.000	517.968	976665.37	2.7082	P	2.1
4	☐	1250.000	1270.995	2336273.75	6.6441	A	1.3
5	☐	2500.000	2537.121	4405290.70	13.2619	A	1.9
6	☐	5000.000	5124.040	8452350.71	26.7831	A	1.5
7	☐	10000.000	9925.177	14960093.67	51.8776	A	3.6
8	☐			13158.08	0.0389	P	1.4

$$y = 0.0052 * x + 9.1127E-004$$

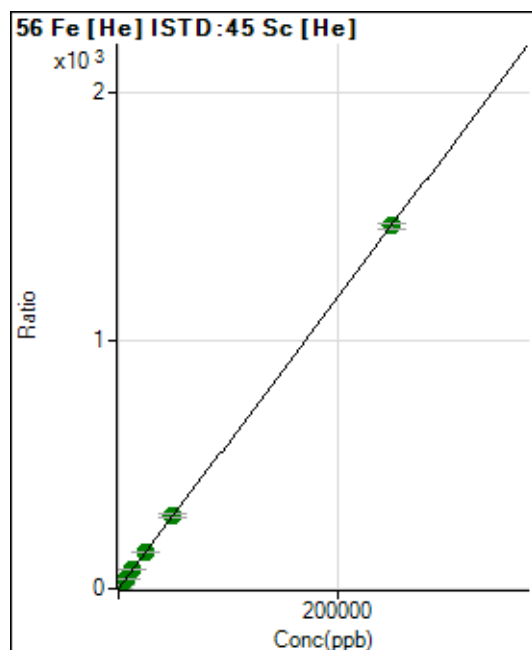
$$R = 0.9999$$

$$DL = 0.04295$$

$$BEC = 0.1743$$

Weight: <None>

Min Conc: <None>



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	12241.72	0.0330	P	1.4
2	☐	50.000	52.815	125620.00	0.3425	P	0.8
3	☐	2500.000	2616.075	5539121.17	15.3597	A	2.5
4	☐	6250.000	6396.184	13186692.86	37.5061	A	0.5
5	☐	12500.000	12837.496	24994405.18	75.2435	A	1.5
6	☐	25000.000	25632.758	47401865.40	150.2066	A	0.8
7	☐	50000.000	50279.228	84967658.18	294.6018	A	2.8
8	☐	250000.00	249859.18	494557534.8	1,463.872	A	1.4

$$y = 0.0059 * x + 0.0330$$

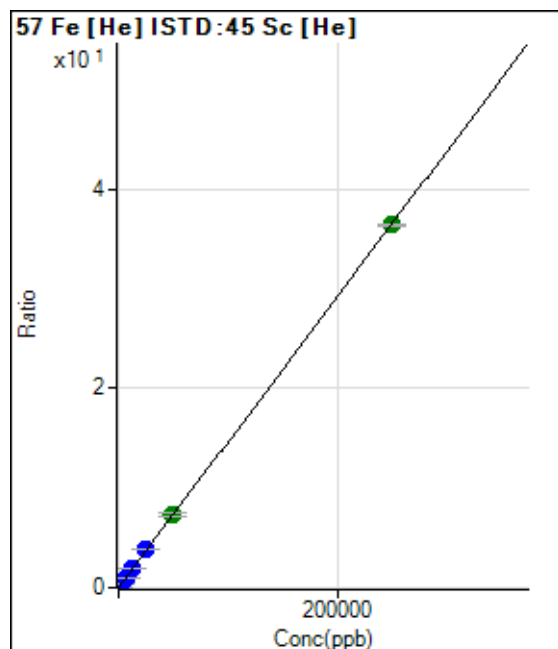
$$R = 1.0000$$

$$DL = 0.2358$$

$$BEC = 5.64$$

Weight: <None>

Min Conc: <None>



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	922.26	0.0025	P	3.6
2	☐	50.000	56.240	3921.67	0.0107	P	3.9
3	☐	2500.000	2733.771	144660.00	0.4011	P	2.1
4	☐	6250.000	6686.634	343678.70	0.9775	P	0.9
5	☐	12500.000	13341.647	647084.07	1.9480	P	1.7
6	☐	25000.000	26488.504	1219735.18	3.8651	P	0.5
7	☐	50000.000	50406.321	2120467.26	7.3528	A	3.6
8	☐	250000.00	249714.54	12303204.12	36.4161	A	0.3

$$y = 1.4582E-004 * x + 0.0025$$

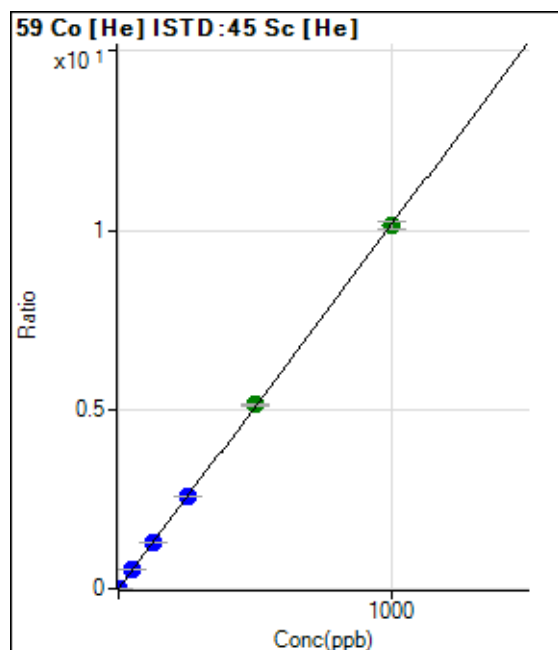
R = 1.0000

DL = 1.844

BEC = 17.07

Weight: <None>

Min Conc: <None>



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	188.89	0.0005	P	13.1
2	☐	1.000	1.106	4307.33	0.0117	P	3.3
3	☐	50.000	52.256	191677.38	0.5315	P	1.5
4	☐	125.000	127.648	456191.98	1.2975	P	0.8
5	☐	250.000	253.956	857362.72	2.5809	P	1.2
6	☐	500.000	504.547	1618025.38	5.1272	A	0.9
7	☐	1000.000	996.294	2920303.64	10.1238	A	2.0
8	☐			8473.58	0.0251	P	2.3

$$y = 0.0102 * x + 5.0976E-004$$

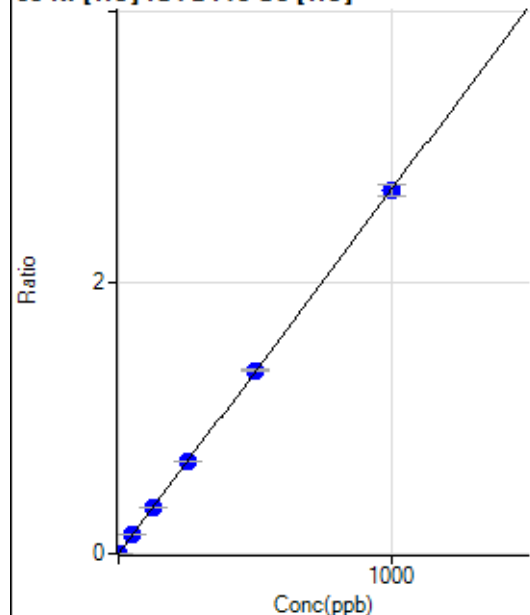
R = 1.0000

DL = 0.01966

BEC = 0.05017

Weight: <None>

Min Conc: <None>

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	170.00	0.0005	P	26.5
2	☐	1.000	0.881	1035.60	0.0028	P	6.7
3	☐	50.000	52.360	50837.07	0.1410	P	0.7
4	☐	125.000	127.305	120270.22	0.3420	P	0.9
5	☐	250.000	254.171	226697.65	0.6825	P	1.3
6	☐	500.000	503.847	426771.88	1.3524	P	1.3
7	☐	1000.000	996.628	771331.91	2.6746	P	3.2
8	☐			11565.67	0.0342	P	1.9

$$y = 0.0027 * x + 4.5935E-004$$

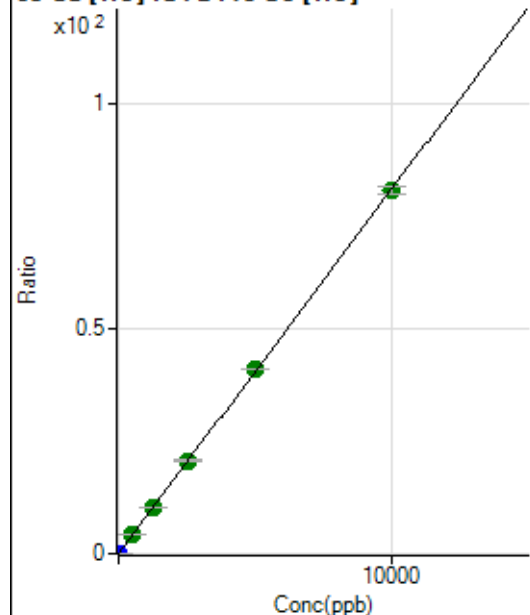
$$R = 1.0000$$

$$DL = 0.1361$$

$$BEC = 0.1712$$

Weight: <None>

Min Conc: <None>

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	804.48	0.0022	P	3.2
2	☐	2.000	1.876	6378.08	0.0174	P	0.7
3	☐	500.000	520.576	1523600.12	4.2250	A	2.8
4	☐	1250.000	1265.079	3608516.16	10.2643	A	1.7
5	☐	2500.000	2543.560	6854415.66	20.6352	A	2.3
6	☐	5000.000	5055.688	12943110.50	41.0133	A	0.2
7	☐	10000.000	9958.352	23301922.16	80.7830	A	2.2
8	☐			8297.93	0.0246	P	3.5

$$y = 0.0081 * x + 0.0022$$

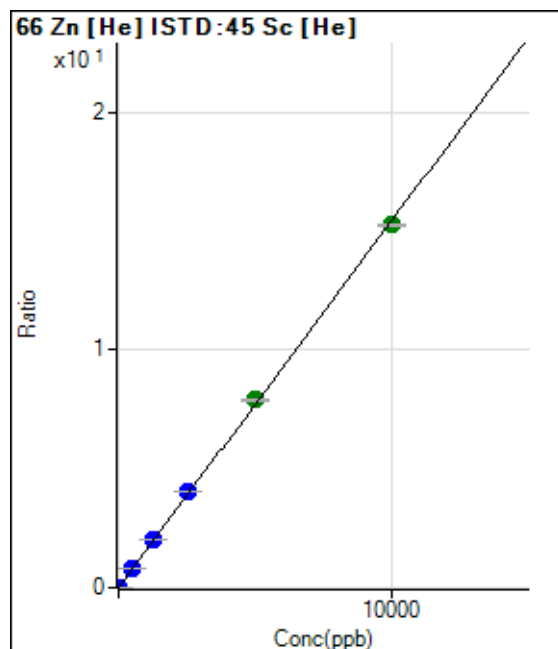
$$R = 1.0000$$

$$DL = 0.02572$$

$$BEC = 0.2676$$

Weight: <None>

Min Conc: <None>



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1030.05	0.0028	P	2.5
2	☐	5.000	5.522	4146.16	0.0113	P	1.6
3	☐	500.000	539.752	301456.75	0.8359	P	2.1
4	☐	1250.000	1323.542	719174.96	2.0457	P	1.8
5	☐	2500.000	2619.027	1343803.76	4.0453	P	0.6
6	☐	5000.000	5128.969	2499328.28	7.9194	A	1.2
7	☐	10000.000	9894.578	4407745.04	15.2752	A	0.5
8	☐			6837.18	0.0202	P	4.8

$$y = 0.0015 * x + 0.0028$$

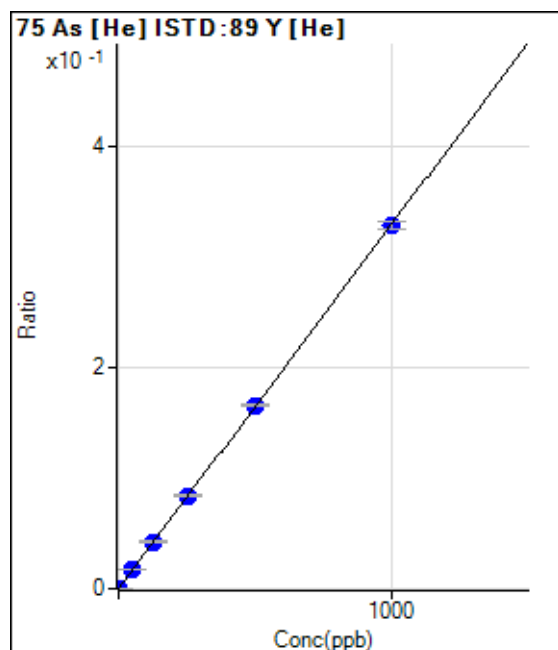
$$R = 0.9998$$

$$DL = 0.135$$

$$BEC = 1.801$$

Weight: <None>

Min Conc: <None>



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	24.44	0.0000	P	27.5
2	☐	1.000	1.228	866.30	0.0004	P	5.2
3	☐	50.000	52.243	35445.64	0.0173	P	0.6
4	☐	125.000	128.372	84698.44	0.0424	P	2.2
5	☐	250.000	255.807	158538.24	0.0845	P	0.3
6	☐	500.000	504.067	298833.44	0.1664	P	0.5
7	☐	1000.000	995.981	532625.53	0.3288	P	2.1
8	☐			1389.60	0.0007	P	5.4

$$y = 3.3013E-004 * x + 1.1852E-005$$

$$R = 1.0000$$

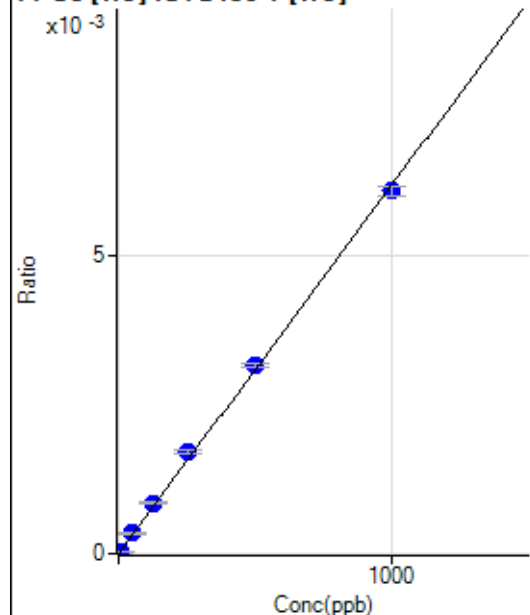
$$DL = 0.02967$$

$$BEC = 0.0359$$

Weight: <None>

Min Conc: <None>

77 Se [He] ISTD:89 Y [He]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3.33	0.0000	P	101.
2	☐	5.000	4.413	60.00	0.0000	P	36.8
3	☐	50.000	55.108	703.36	0.0003	P	6.0
4	☐	125.000	136.793	1693.45	0.0008	P	2.7
5	☐	250.000	275.324	3199.26	0.0017	P	3.3
6	☐	500.000	513.350	5703.38	0.0032	P	2.3
7	☐	1000.000	985.267	9872.25	0.0061	P	2.4
8	☐			22.22	0.0000	P	31.7

$$y = 6.1843\text{E-}006 * x + 1.6332\text{E-}006$$

$$R = 0.9995$$

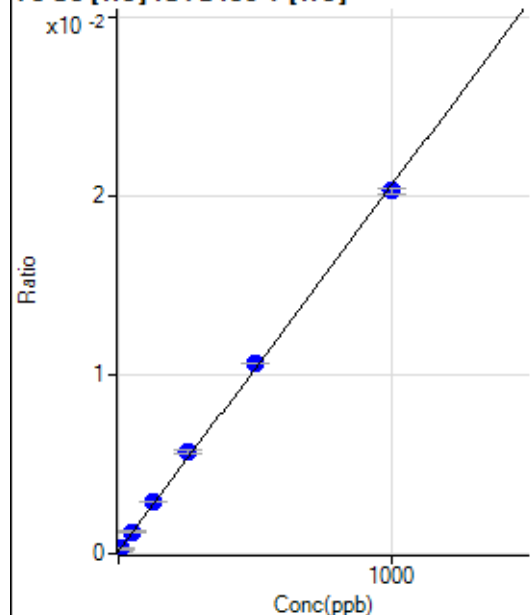
$$DL = 0.8029$$

$$BEC = 0.2641$$

Weight: <None>

Min Conc: <None>

78 Se [He] ISTD:89 Y [He]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	288.89	0.0001	P	18.5
2	☐	5.000	6.615	571.13	0.0003	P	8.4
3	☐	50.000	53.118	2520.24	0.0012	P	3.5
4	☐	125.000	134.670	5788.96	0.0029	P	1.6
5	☐	250.000	271.779	10707.31	0.0057	P	2.4
6	☐	500.000	515.214	19194.77	0.0107	P	0.3
7	☐	1000.000	985.575	32918.90	0.0203	P	1.6
8	☐			358.90	0.0002	P	6.5

$$y = 2.0477\text{E-}005 * x + 1.3958\text{E-}004$$

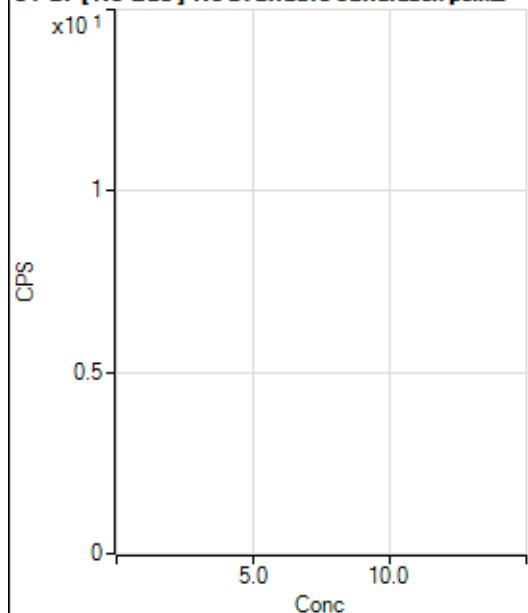
$$R = 0.9996$$

$$DL = 3.781$$

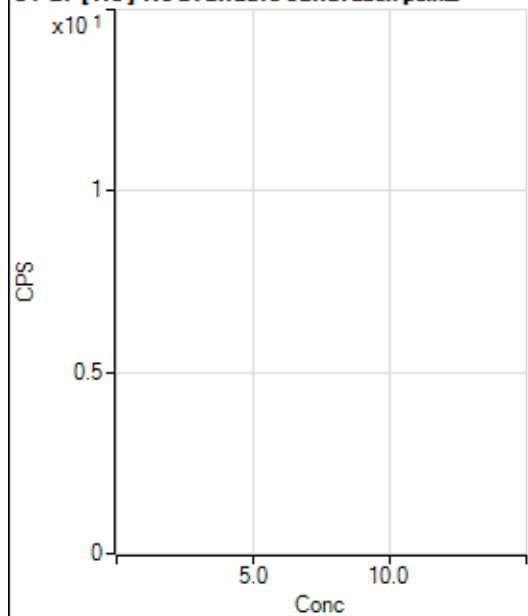
$$BEC = 6.816$$

Weight: <None>

Min Conc: <None>

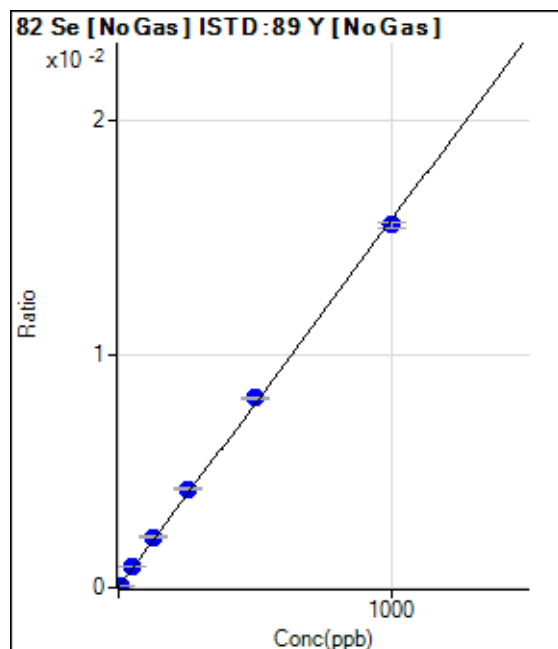
81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			9326.39		P	2.5
2	☐			9218.51		P	3.9
3	☐			9139.58		P	0.6
4	☐			9019.51		P	5.2
5	☐			8587.03		P	1.2
6	☐			8393.59		P	2.5
7	☐			8220.14		P	4.2
8	☐			8171.23		P	2.4

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			93.34		P	27.0
2	☐			93.33		P	34.1
3	☐			101.11		P	15.2
4	☐			112.22		P	12.0
5	☐			100.00		P	20.3
6	☐			108.89		P	23.0
7	☐			105.56		P	14.6
8	☐			141.11		P	5.9

Calibration for 030SMPL.d



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	108.39	0.0000	P	45.0
2	☐	5.000	5.727	824.78	0.0001	P	7.7
3	☐	50.000	54.753	6986.59	0.0009	P	1.4
4	☐	125.000	136.798	16722.47	0.0022	P	1.6
5	☐	250.000	268.351	31164.13	0.0042	P	1.0
6	☐	500.000	514.922	56549.51	0.0081	P	0.5
7	☐	1000.000	986.235	98069.19	0.0155	P	1.5
8	☐			346.14	0.0000	P	15.3

$$y = 1.5747E-005 * x + 1.3361E-005$$

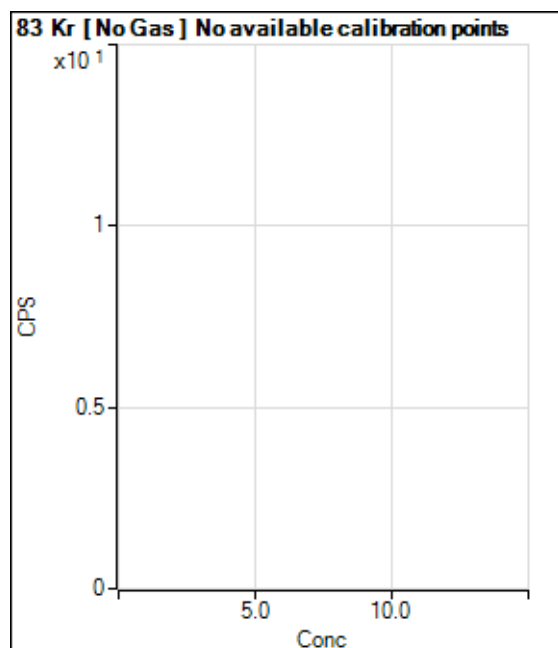
$$R = 0.9996$$

$$DL = 1.147$$

$$BEC = 0.8485$$

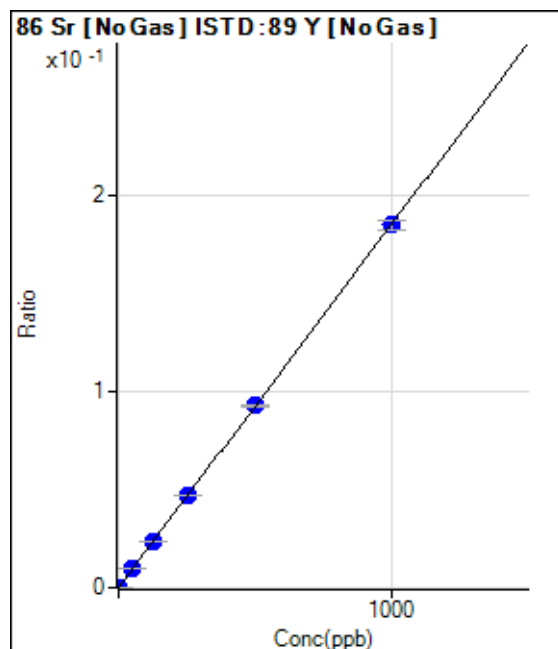
Weight: <None>

Min Conc: <None>



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			431.12		P	2.2
2	☐			374.45		P	8.5
3	☐			403.34		P	6.6
4	☐			416.68		P	11.3
5	☐			350.01		P	15.6
6	☐			437.79		P	8.1
7	☐			342.23		P	4.4
8	☐			374.45		P	12.5

Calibration for 030SMPL.d



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	744.47	0.0001	P	9.1
2	☐	1.000	0.948	2131.29	0.0003	P	0.8
3	☐	50.000	51.545	76926.58	0.0096	P	0.2
4	☐	125.000	127.854	183454.57	0.0238	P	1.2
5	☐	250.000	252.438	344489.04	0.0469	P	0.4
6	☐	500.000	500.252	645834.46	0.0928	P	0.6
7	☐	1000.000	998.830	1167940.30	0.1851	P	2.5
8	☐			19125.85	0.0026	P	0.7

$$y = 1.8524E-004 * x + 9.1762E-005$$

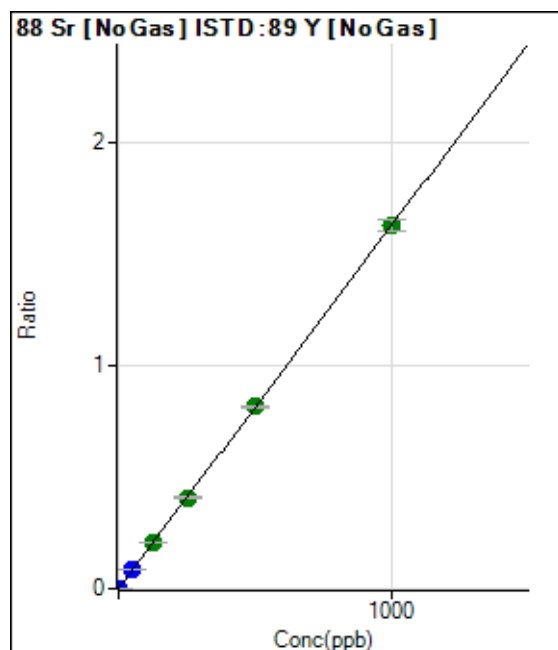
R = 1.0000

DL = 0.1357

BEC = 0.4954

Weight: <None>

Min Conc: <None>



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	481.12	0.0001	P	2.8
2	☐	1.000	1.027	13767.66	0.0017	P	2.8
3	☐	50.000	50.773	658850.93	0.0826	P	0.2
4	☐	125.000	127.278	1596353.19	0.2069	A	1.2
5	☐	250.000	251.370	3003524.54	0.4085	A	1.5
6	☐	500.000	500.436	5663284.64	0.8133	A	1.0
7	☐	1000.000	999.116	10243782.07	1.6237	A	3.1
8	☐			162887.70	0.0225	P	2.1

$$y = 0.0016 * x + 5.9298E-005$$

R = 1.0000

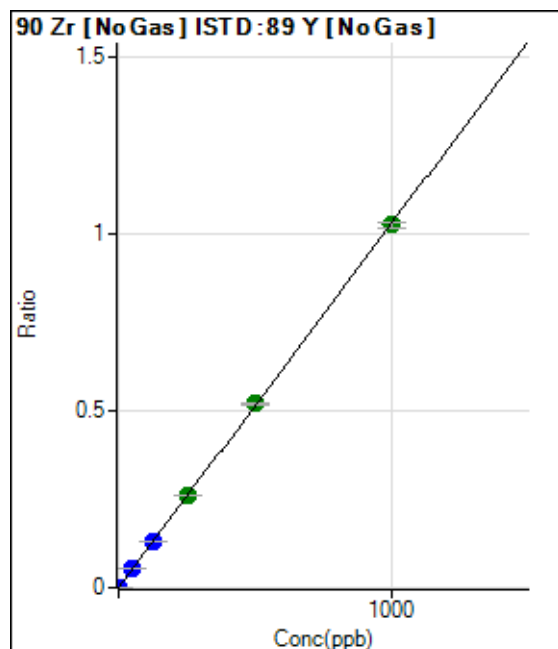
DL = 0.003059

BEC = 0.03649

Weight: <None>

Min Conc: <None>

Calibration for 030SMPL.d



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	320.01	0.0000	P	5.6
2	☐	1.000	1.025	8711.55	0.0011	P	3.1
3	☐	50.000	51.161	419904.90	0.0526	P	0.6
4	☐	125.000	127.277	1009649.51	0.1309	P	0.1
5	☐	250.000	253.172	1913470.68	0.2603	A	1.4
6	☐	500.000	505.162	3615326.75	0.5192	A	0.6
7	☐	1000.000	996.283	6460997.19	1.0240	A	1.6
8	☐			7261.85	0.0010	P	1.1

$$y = 0.0010 * x + 3.9433E-005$$

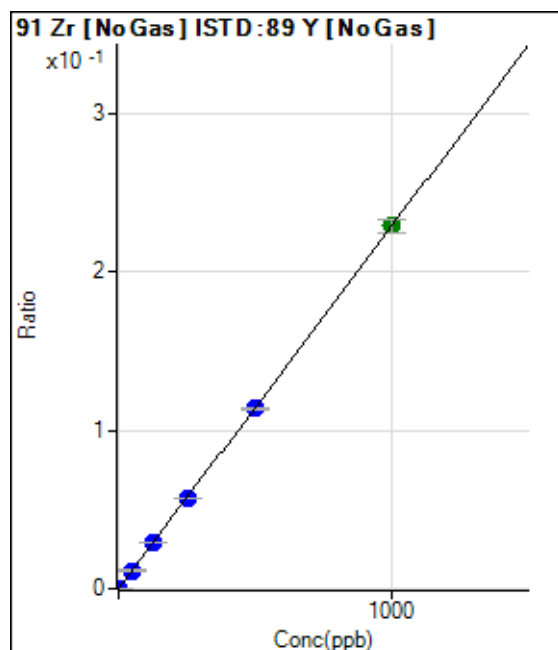
$$R = 1.0000$$

$$DL = 0.006481$$

$$BEC = 0.03837$$

Weight: <None>

Min Conc: <None>



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	74.44	0.0000	P	14.4
2	☐	1.000	1.011	1917.93	0.0002	P	2.8
3	☐	50.000	50.277	91929.18	0.0115	P	1.0
4	☐	125.000	126.050	222743.70	0.0289	P	0.9
5	☐	250.000	249.497	420041.96	0.0571	P	1.0
6	☐	500.000	496.960	792256.41	0.1138	P	0.8
7	☐	1000.000	1001.500	1446611.54	0.2293	A	3.8
8	☐			1623.44	0.0002	P	6.9

$$y = 2.2896E-004 * x + 9.1804E-006$$

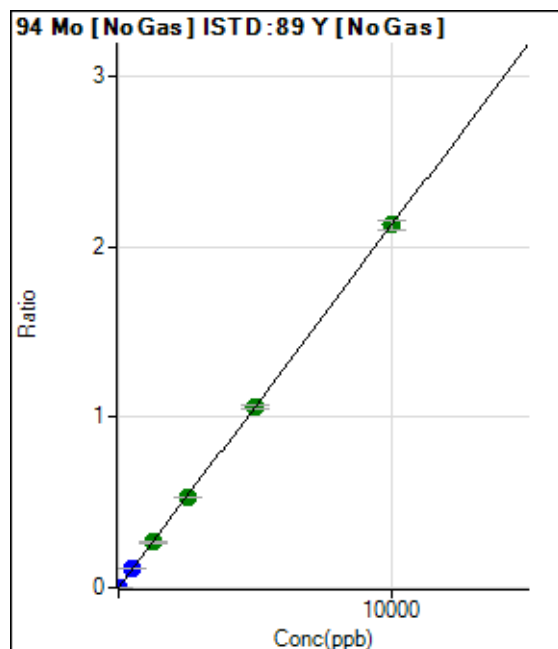
$$R = 1.0000$$

$$DL = 0.01729$$

$$BEC = 0.0401$$

Weight: <None>

Min Conc: <None>



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	182.23	0.0000	P	14.4
2	☐	5.000	5.882	10129.14	0.0013	P	4.8
3	☐	500.000	505.245	856453.71	0.1073	P	0.3
4	☐	1250.000	1258.421	2062328.79	0.2673	A	1.9
5	☐	2500.000	2496.881	3899079.87	0.5303	A	0.6
6	☐	5000.000	4979.480	7364387.46	1.0576	A	1.7
7	☐	10000.000	10009.724	13413180.22	2.1260	A	2.7
8	☐			9052.87	0.0013	P	2.7

$$y = 2.1239E-004 * x + 2.2440E-005$$

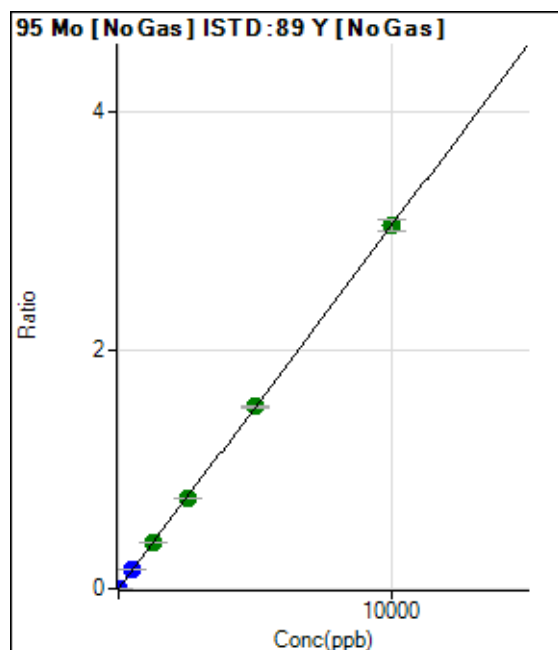
R = 1.0000

DL = 0.04576

BEC = 0.1057

Weight: <None>

Min Conc: <None>



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	84.44	0.0000	P	6.5
2	☐	5.000	4.992	12181.83	0.0015	P	1.9
3	☐	500.000	505.162	1226055.22	0.1536	P	0.0
4	☐	1250.000	1266.463	2971949.43	0.3852	A	0.5
5	☐	2500.000	2485.102	5556472.07	0.7558	A	1.1
6	☐	5000.000	5010.733	10610055.47	1.5240	A	0.6
7	☐	10000.000	9996.042	19179785.27	3.0402	A	3.3
8	☐			10785.17	0.0015	P	1.3

$$y = 3.0414E-004 * x + 1.0409E-005$$

R = 1.0000

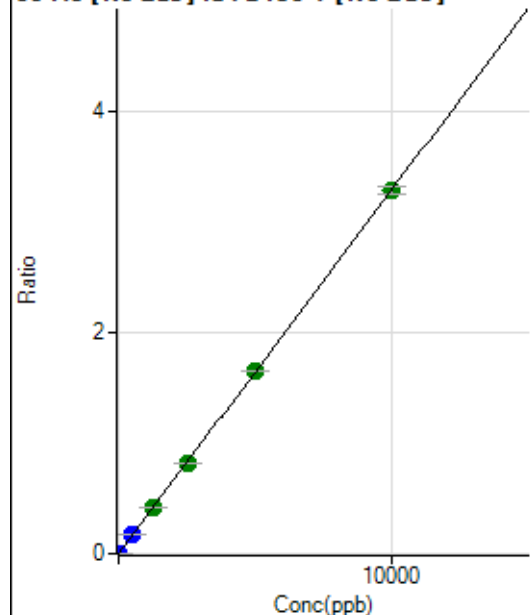
DL = 0.0067

BEC = 0.03422

Weight: <None>

Min Conc: <None>

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	126.67	0.0000	P	5.5
2	☐	5.000	5.123	13531.91	0.0017	P	4.2
3	☐	500.000	513.655	1346613.35	0.1688	P	0.9
4	☐	1250.000	1266.951	3211718.94	0.4163	A	0.4
5	☐	2500.000	2493.406	6022968.73	0.8192	A	0.3
6	☐	5000.000	5037.779	11523745.94	1.6551	A	0.2
7	☐	10000.000	9979.957	20686592.61	3.2788	A	2.1
8	☐			14612.96	0.0020	P	2.2

$$y = 3.2854\text{E-}004 * x + 1.5611\text{E-}005$$

$$R = 1.0000$$

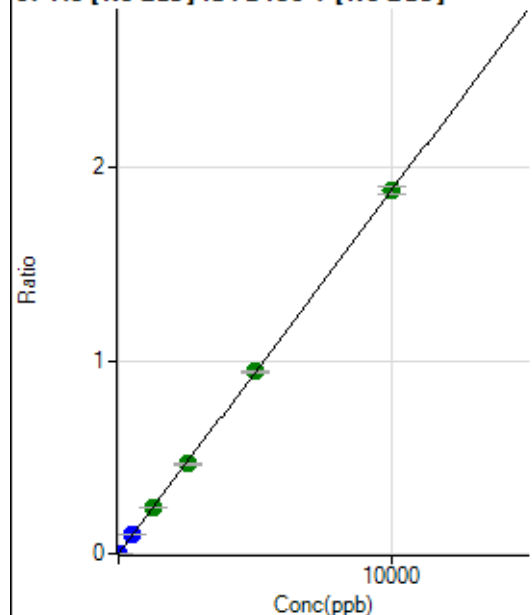
$$DL = 0.00779$$

$$BEC = 0.04752$$

Weight: <None>

Min Conc: <None>

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	34.44	0.0000	P	37.2
2	☐	5.000	5.071	7638.73	0.0010	P	2.3
3	☐	500.000	511.999	768952.90	0.0964	P	1.3
4	☐	1250.000	1262.535	1833629.02	0.2376	A	1.3
5	☐	2500.000	2477.646	3428505.05	0.4664	A	1.1
6	☐	5000.000	5013.398	6570325.32	0.9437	A	0.5
7	☐	10000.000	9996.722	11871740.52	1.8816	A	2.0
8	☐			6828.32	0.0009	P	2.7

$$y = 1.8823\text{E-}004 * x + 4.2525\text{E-}006$$

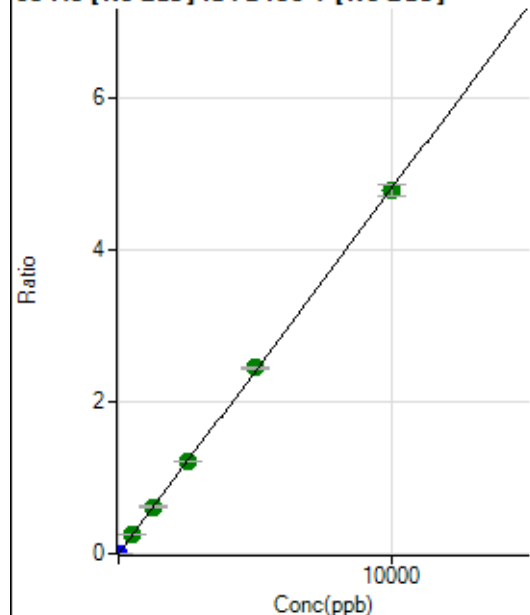
$$R = 1.0000$$

$$DL = 0.0252$$

$$BEC = 0.02259$$

Weight: <None>

Min Conc: <None>

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	126.67	0.0000	P	13.2
2	☐	5.000	4.951	19085.90	0.0024	P	2.2
3	☐	500.000	522.308	2003467.23	0.2511	A	1.9
4	☐	1250.000	1287.136	4774263.19	0.6188	A	2.0
5	☐	2500.000	2532.376	8951002.57	1.2174	A	1.6
6	☐	5000.000	5088.184	17032564.47	2.4460	A	1.4
7	☐	10000.000	9942.057	30152478.16	4.7794	A	3.1
8	☐			17030.03	0.0024	P	0.9

$$y = 4.8072\text{E-}004 * x + 1.5600\text{E-}005$$

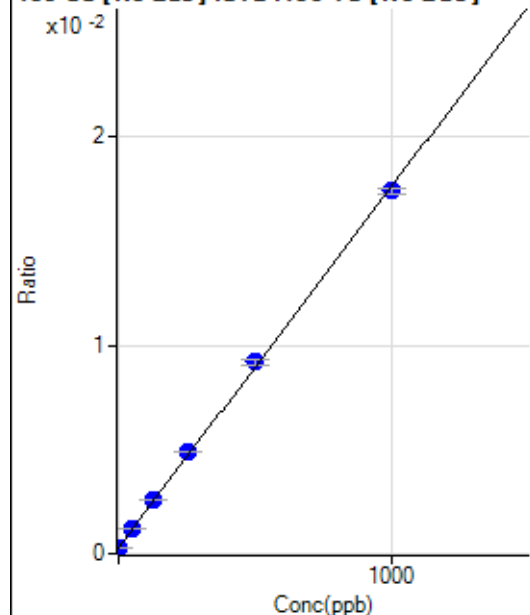
$$R = 0.9999$$

$$DL = 0.01282$$

$$BEC = 0.03245$$

Weight: <None>

Min Conc: <None>

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2190.19	0.0003	P	5.1
2	☐	1.000	0.900	2305.76	0.0003	P	3.5
3	☐	50.000	53.603	9152.97	0.0012	P	2.4
4	☐	125.000	131.866	18854.59	0.0026	P	2.1
5	☐	250.000	264.708	33585.48	0.0049	P	1.1
6	☐	500.000	513.885	60554.67	0.0092	P	3.0
7	☐	1000.000	988.342	106197.61	0.0174	P	1.5
8	☐			1963.49	0.0003	P	6.4

$$y = 1.7310\text{E-}005 * x + 2.9121\text{E-}004$$

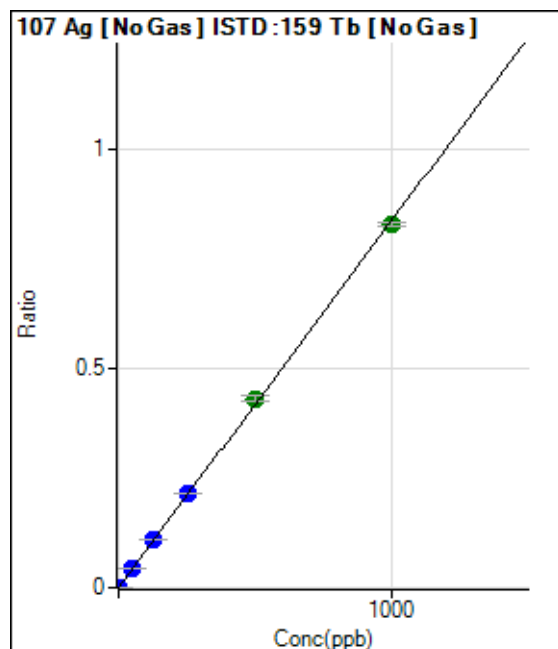
$$R = 0.9997$$

$$DL = 2.597$$

$$BEC = 16.82$$

Weight: <None>

Min Conc: <None>



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	84.45	0.0000	P	25.2
2	☐	1.000	1.094	6953.94	0.0009	P	2.4
3	☐	50.000	52.874	331645.02	0.0442	P	2.4
4	☐	125.000	129.618	793218.38	0.1083	P	1.7
5	☐	250.000	258.619	1488797.84	0.2160	P	0.3
6	☐	500.000	516.313	2842541.42	0.4313	A	2.8
7	☐	1000.000	988.967	5042001.21	0.8260	A	0.9
8	☐			10978.67	0.0016	P	3.0

$$y = 8.3523E-004 * x + 1.1244E-005$$

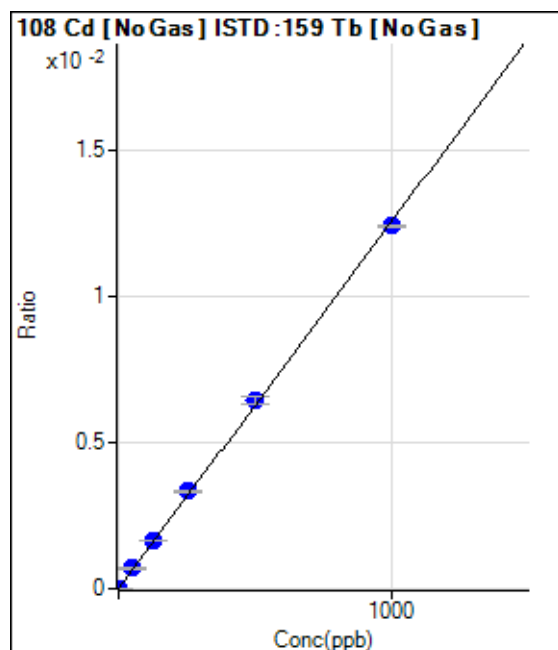
$$R = 0.9998$$

$$DL = 0.01019$$

$$BEC = 0.01346$$

Weight: <None>

Min Conc: <None>



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	5.55	0.0000	P	124.
2	☐	1.000	0.895	90.00	0.0000	P	0.7
3	☐	50.000	55.765	5264.35	0.0007	P	2.9
4	☐	125.000	131.462	12101.82	0.0017	P	2.2
5	☐	250.000	265.346	22974.96	0.0033	P	1.5
6	☐	500.000	512.739	42453.22	0.0064	P	3.5
7	☐	1000.000	988.698	75803.85	0.0124	P	0.8
8	☐			100.00	0.0000	P	14.4

$$y = 1.2560E-005 * x + 7.3628E-007$$

$$R = 0.9997$$

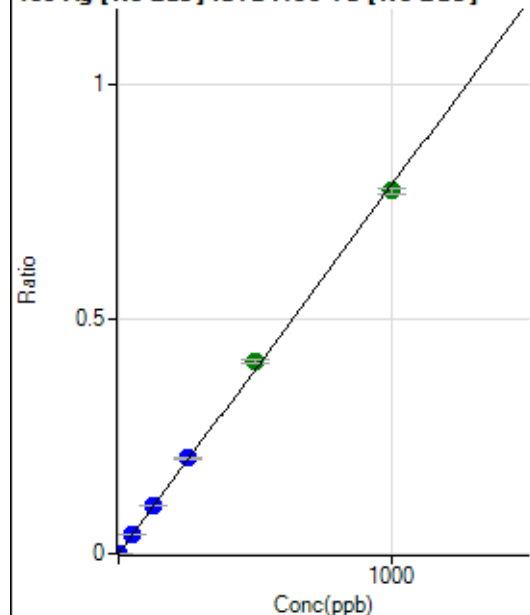
$$DL = 0.2185$$

$$BEC = 0.05862$$

Weight: <None>

Min Conc: <None>

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	38.89	0.0000	P	13.3
2	☐	1.000	1.121	6642.69	0.0009	P	4.5
3	☐	50.000	52.828	310870.99	0.0414	P	2.8
4	☐	125.000	130.318	748238.09	0.1021	P	1.4
5	☐	250.000	258.981	1398839.62	0.2030	P	1.2
6	☐	500.000	523.823	2706278.95	0.4105	A	1.7
7	☐	1000.000	985.037	4711654.55	0.7720	A	1.8
8	☐			10242.59	0.0015	P	1.9

$$y = 7.8370\text{E-}004 * x + 5.1701\text{E-}006$$

$$R = 0.9995$$

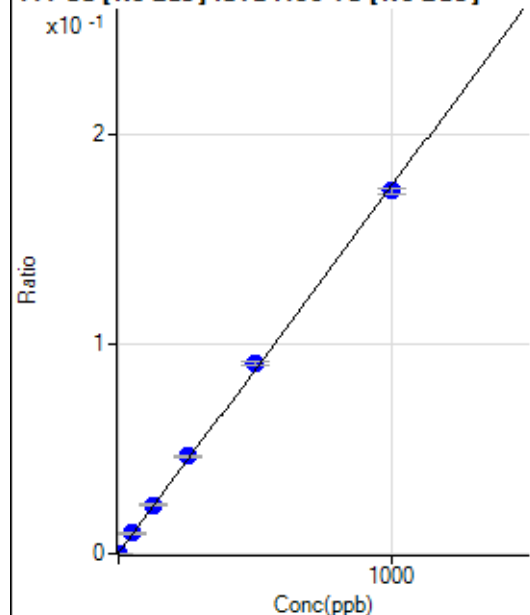
$$DL = 0.002627$$

$$BEC = 0.006597$$

Weight: <None>

Min Conc: <None>

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1547.02	0.0002	P	4.9
2	☐	1.000	1.010	2873.33	0.0004	P	2.5
3	☐	50.000	54.056	72530.88	0.0097	P	2.6
4	☐	125.000	132.286	171021.06	0.0233	P	0.7
5	☐	250.000	263.784	319409.22	0.0463	P	1.1
6	☐	500.000	516.746	597189.40	0.0906	P	2.6
7	☐	1000.000	987.068	1055128.64	0.1729	P	1.5
8	☐			2075.57	0.0003	P	3.4

$$y = 1.7491\text{E-}004 * x + 2.0569\text{E-}004$$

$$R = 0.9997$$

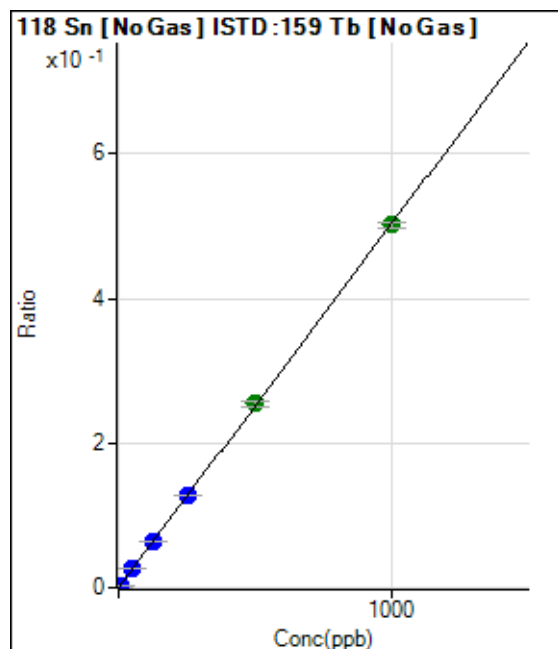
$$DL = 0.1729$$

$$BEC = 1.176$$

Weight: <None>

Min Conc: <None>

Calibration for 030SMPL.d



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1124.50	0.0001	P	6.2
2	☐	5.000	5.029	20129.72	0.0027	P	1.2
3	☐	50.000	51.178	194347.45	0.0259	P	1.1
4	☐	125.000	125.484	463369.91	0.0633	P	2.0
5	☐	250.000	251.558	872842.05	0.1266	P	0.6
6	☐	500.000	504.719	1674225.60	0.2540	A	2.5
7	☐	1000.000	997.131	3061252.42	0.5016	A	1.3
8	☐			7682.12	0.0011	P	2.1

$$y = 5.0287E-004 * x + 1.4945E-004$$

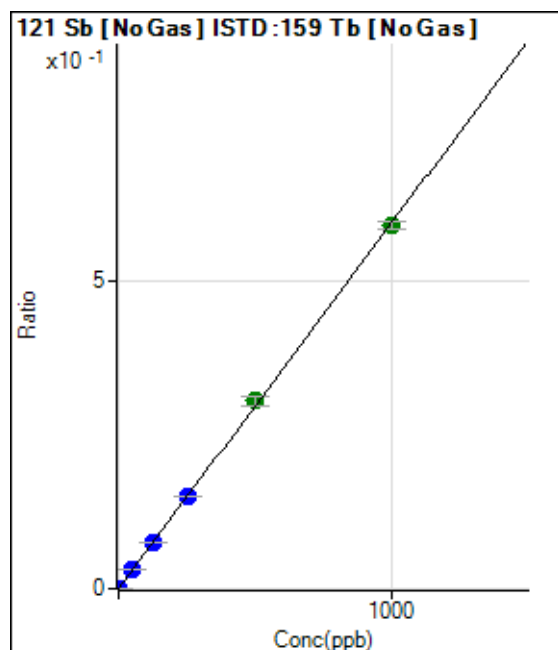
$$R = 1.0000$$

$$DL = 0.05517$$

$$BEC = 0.2972$$

Weight: <None>

Min Conc: <None>



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	25.56	0.0000	P	8.1
2	☐	2.000	2.111	9450.96	0.0013	P	2.3
3	☐	50.000	51.053	227730.48	0.0303	P	2.0
4	☐	125.000	126.150	549041.83	0.0749	P	1.8
5	☐	250.000	252.747	1034871.21	0.1502	P	1.6
6	☐	500.000	513.596	2010939.46	0.3051	A	4.6
7	☐	1000.000	992.319	3598588.98	0.5895	A	2.2
8	☐			12624.55	0.0018	P	3.6

$$y = 5.9407E-004 * x + 3.3981E-006$$

$$R = 0.9999$$

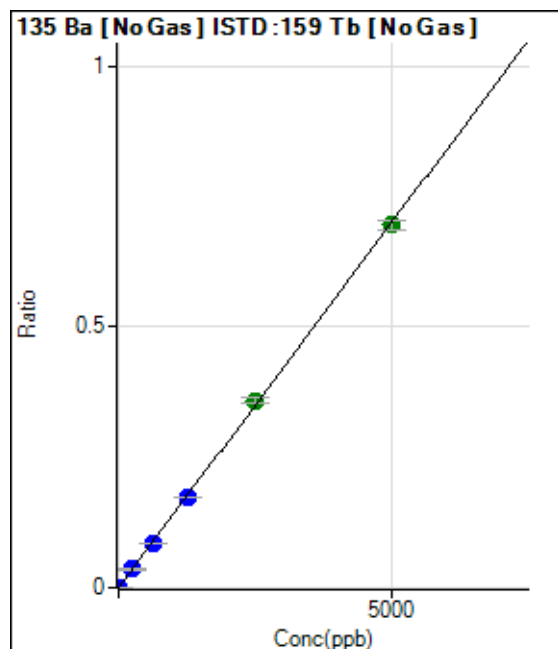
$$DL = 0.001395$$

$$BEC = 0.00572$$

Weight: <None>

Min Conc: <None>

Calibration for 030SMPL.d



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	30.00	0.0000	P	58.9
2	☐	10.000	9.831	10366.08	0.0014	P	1.8
3	☐	250.000	250.409	262999.28	0.0350	P	0.9
4	☐	625.000	614.756	629958.83	0.0860	P	1.4
5	☐	1250.000	1233.240	1188875.09	0.1725	P	0.9
6	☐	2500.000	2568.613	2368232.78	0.3593	A	3.4
7	☐	5000.000	4971.144	4244585.63	0.6953	A	3.0
8	☐			4370.73	0.0006	P	1.2

$$y = 1.3987E-004 * x + 4.0044E-006$$

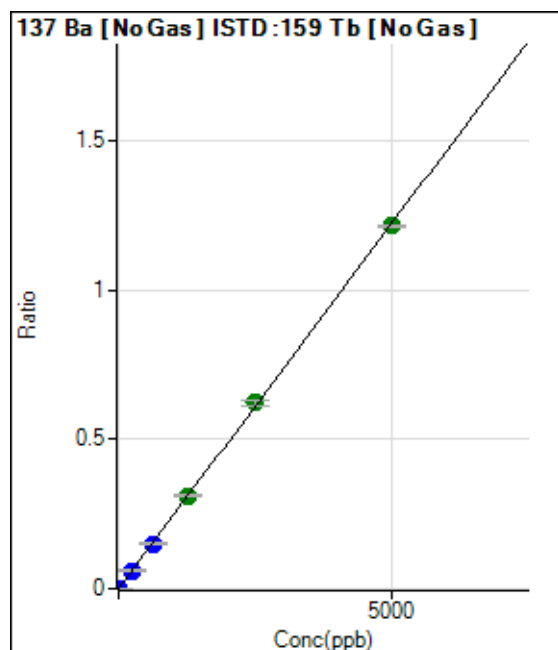
R = 0.9999

DL = 0.05061

BEC = 0.02863

Weight: <None>

Min Conc: <None>



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	44.44	0.0000	P	16.8
2	☐	10.000	9.978	18363.09	0.0024	P	1.0
3	☐	250.000	250.182	458843.62	0.0611	P	0.9
4	☐	625.000	615.948	1102217.08	0.1505	P	1.5
5	☐	1250.000	1276.245	2148544.24	0.3117	A	1.6
6	☐	2500.000	2547.707	4102418.27	0.6223	A	3.2
7	☐	5000.000	4970.708	7410356.77	1.2141	A	0.4
8	☐			7603.20	0.0011	P	3.5

$$y = 2.4425E-004 * x + 5.9041E-006$$

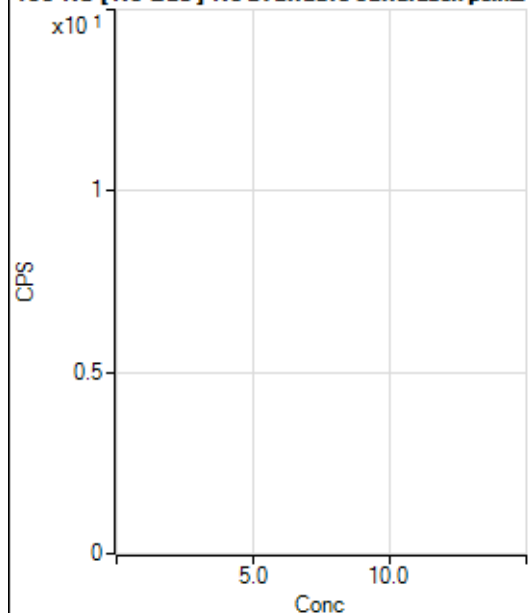
R = 0.9999

DL = 0.01216

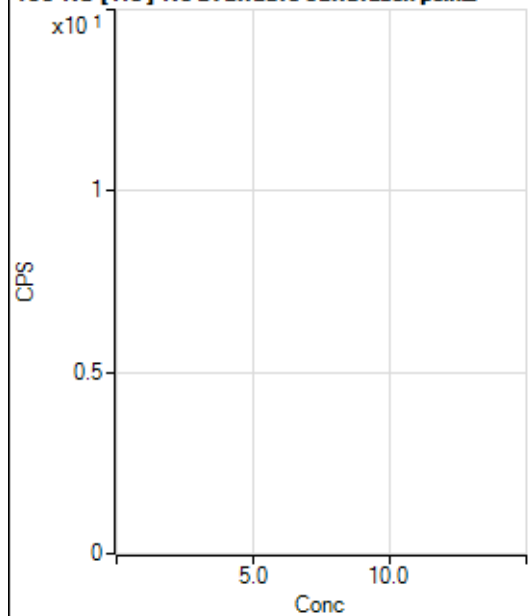
BEC = 0.02417

Weight: <None>

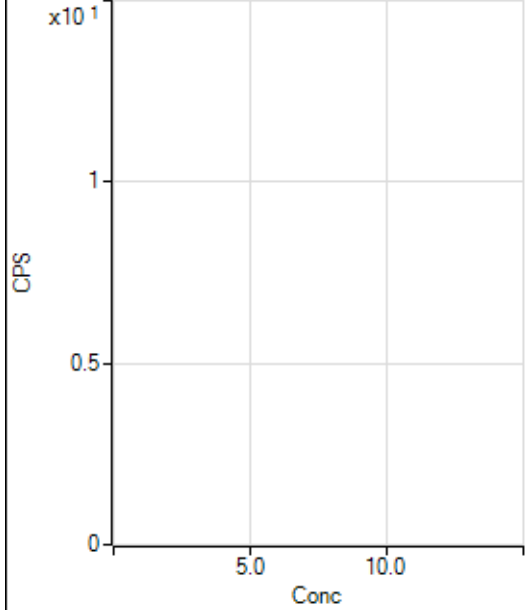
Min Conc: <None>

150 Nd [No Gas] No available calibration points

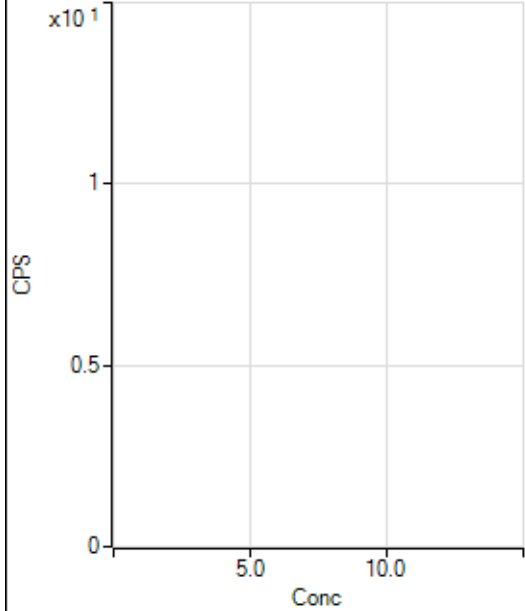
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.67		P	50.0
2	☐			8.89		P	43.3
3	☐			11.11		P	75.5
4	☐			25.55		P	27.1
5	☐			36.67		P	18.2
6	☐			77.78		P	16.2
7	☐			147.78		P	24.7
8	☐			107.78		P	25.2

150 Nd [He] No available calibration points

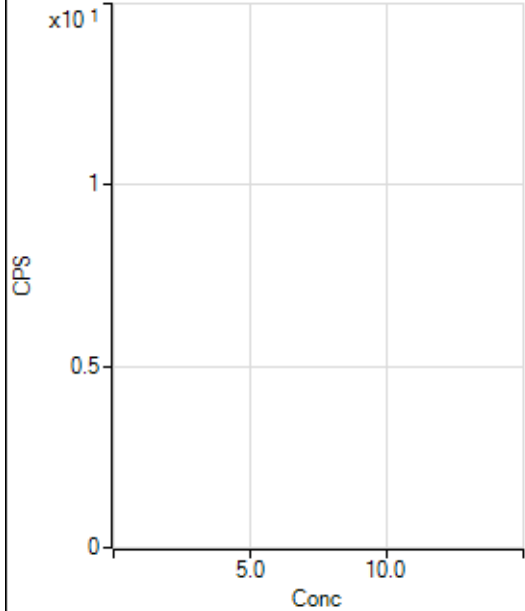
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐			3.33		P	100.
3	☐			1.11		P	173.
4	☐			7.78		P	65.5
5	☐			17.78		P	57.3
6	☐			24.44		P	34.3
7	☐			31.11		P	16.4
8	☐			52.22		P	31.5

156 Dy [No Gas] No available calibration points

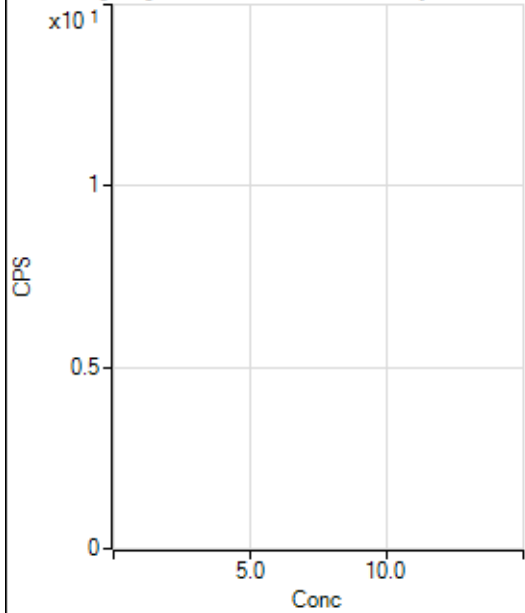
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.56		P	91.6
2	☐			5.56		P	34.7
3	☐			15.56		P	32.7
4	☐			26.67		P	0.0
5	☐			28.89		P	17.6
6	☐			62.22		P	13.5
7	☐			73.33		P	18.2
8	☐			223.33		P	2.6

156 Dy [He] No available calibration points

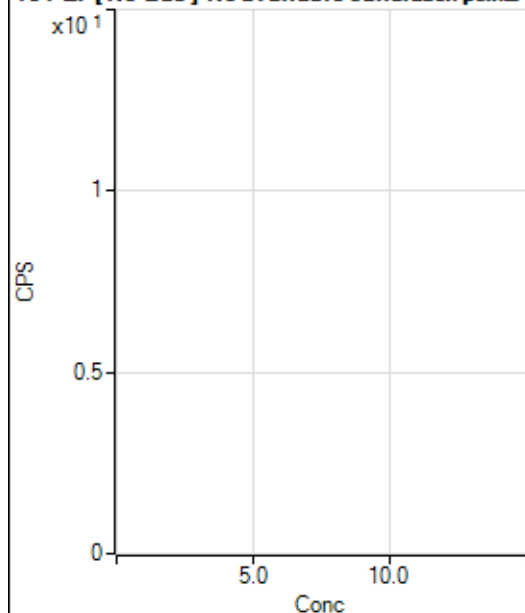
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	100.
2	☐			4.44		P	173.
3	☐			14.44		P	35.3
4	☐			41.11		P	36.6
5	☐			58.89		P	25.5
6	☐			137.78		P	19.6
7	☐			250.01		P	13.1
8	☐			224.45		P	10.5

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

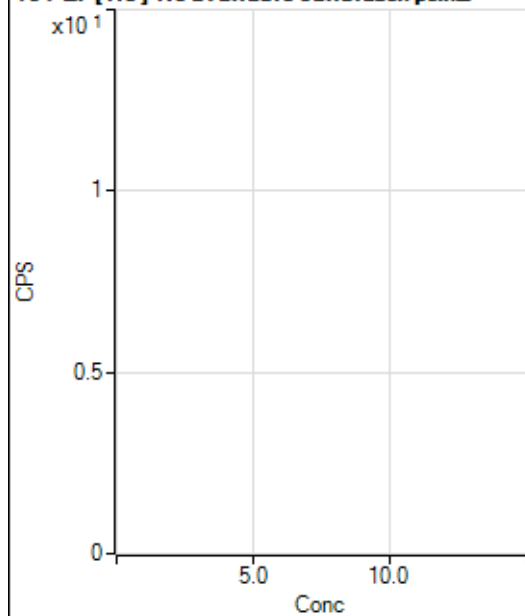
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			52.22		P	32.1
2	☐			42.22		P	4.6
3	☐			54.44		P	15.4
4	☐			50.00		P	35.3
5	☐			34.44		P	14.8
6	☐			48.89		P	39.9
7	☐			86.66		P	13.3
8	☐			255.56		P	11.4

160 Gd [He] No available calibration points

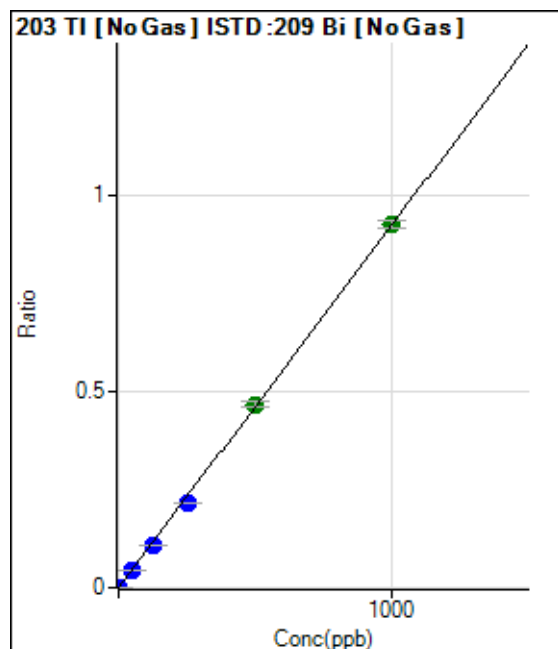
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			333.34		P	17.0
2	☐			345.56		P	6.4
3	☐			344.45		P	13.6
4	☐			326.68		P	3.5
5	☐			308.90		P	27.0
6	☐			290.01		P	11.7
7	☐			264.45		P	2.6
8	☐			492.24		P	7.2

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			34.44		P	29.6
2	☐			31.11		P	53.9
3	☐			40.00		P	8.3
4	☐			44.44		P	41.3
5	☐			42.22		P	46.3
6	☐			82.22		P	16.4
7	☐			141.12		P	14.4
8	☐			447.79		P	13.0

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			22.22		P	48.2
2	☐			31.11		P	16.4
3	☐			28.89		P	17.6
4	☐			32.22		P	63.2
5	☐			38.89		P	47.2
6	☐			62.22		P	29.5
7	☐			83.33		P	21.2
8	☐			322.23		P	9.0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	164.45	0.0000	P	0.9
2	☐	1.000	0.987	4362.97	0.0009	P	1.8
3	☐	50.000	47.963	207892.92	0.0442	P	2.5
4	☐	125.000	117.502	502106.89	0.1083	P	0.6
5	☐	250.000	234.589	944337.10	0.2162	P	1.2
6	☐	500.000	506.511	1931604.12	0.4668	A	3.3
7	☐	1000.000	1001.636	3555541.09	0.9231	A	2.0
8	☐			9542.32	0.0023	P	2.7

$$y = 9.2156E-004 * x + 3.4723E-005$$

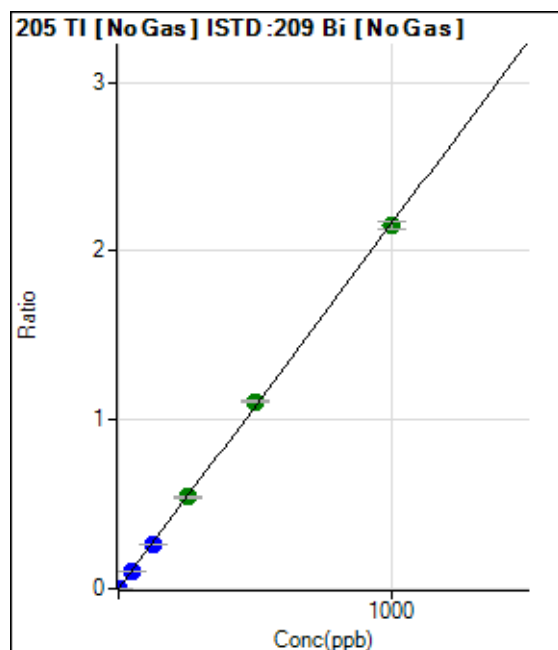
R = 0.9998

DL = 0.001005

BEC = 0.03768

Weight: <None>

Min Conc: <None>



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	287.79	0.0001	P	9.5
2	☐	1.000	1.023	10493.03	0.0023	P	4.2
3	☐	50.000	48.169	489605.17	0.1042	P	1.7
4	☐	125.000	119.231	1194911.08	0.2578	P	0.4
5	☐	250.000	251.808	2377218.97	0.5443	A	1.6
6	☐	500.000	513.066	4588816.60	1.1090	A	1.5
7	☐	1000.000	993.828	8274409.95	2.1482	A	2.2
8	☐			22437.49	0.0055	P	1.2

$$y = 0.0022 * x + 6.0794E-005$$

R = 0.9998

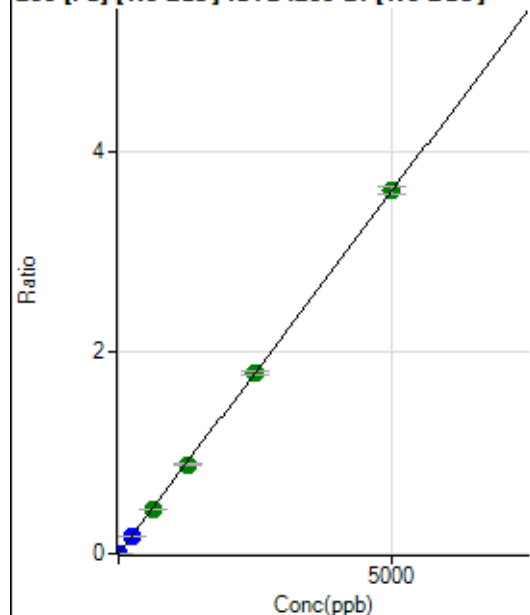
DL = 0.00805

BEC = 0.02813

Weight: <None>

Min Conc: <None>

206 [Pb] [No Gas] ISTD :209 Bi [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	260.01	0.0001	P	11.7
2	☐	1.000	0.873	3154.85	0.0007	P	1.6
3	☐	250.000	244.071	825741.59	0.1757	P	1.7
4	☐	625.000	612.048	2042159.45	0.4405	A	3.1
5	☐	1250.000	1230.307	3867187.44	0.8854	A	2.2
6	☐	2500.000	2497.522	7436546.56	1.7974	A	1.3
7	☐	5000.000	5008.078	13881373.96	3.6041	A	2.3
8	☐			17108.67	0.0042	P	2.0

$$y = 7.1964\text{E-}004 * x + 5.4838\text{E-}005$$

$$R = 1.0000$$

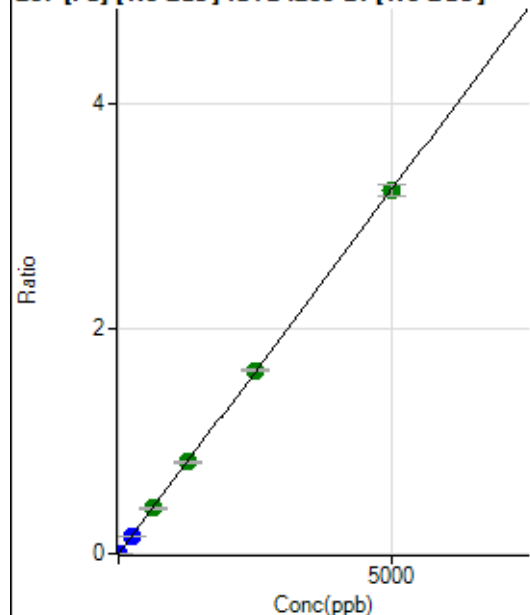
$$DL = 0.02677$$

$$BEC = 0.0762$$

Weight: <None>

Min Conc: <None>

207 [Pb] [No Gas] ISTD :209 Bi [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	211.11	0.0000	P	7.6
2	☐	1.000	0.865	2790.32	0.0006	P	4.0
3	☐	250.000	237.828	723545.93	0.1539	P	0.8
4	☐	625.000	626.607	1879934.76	0.4055	A	2.3
5	☐	1250.000	1256.236	3550623.83	0.8130	A	0.8
6	☐	2500.000	2523.538	6757625.18	1.6331	A	0.8
7	☐	5000.000	4987.079	12429114.53	3.2272	A	3.3
8	☐			15028.41	0.0037	P	1.9

$$y = 6.4711\text{E-}004 * x + 4.4587\text{E-}005$$

$$R = 1.0000$$

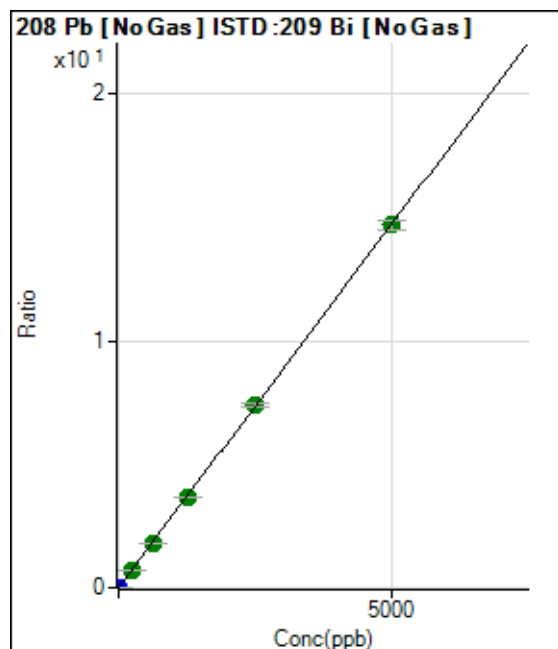
$$DL = 0.01562$$

$$BEC = 0.0689$$

Weight: <None>

Min Conc: <None>

Calibration for 030SMPL.d



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1017.80	0.0002	P	1.5
2	☐	1.000	0.883	13001.50	0.0028	P	2.3
3	☐	250.000	249.316	3453492.87	0.7348	A	0.3
4	☐	625.000	611.868	8357956.86	1.8029	A	2.3
5	☐	1250.000	1247.060	16048059.69	3.6743	A	0.9
6	☐	2500.000	2519.613	30712579.82	7.4236	A	1.8
7	☐	5000.000	4992.604	56652234.15	14.7096	A	3.0
8	☐			69517.32	0.0170	P	2.3

$$y = 0.0029 * x + 2.1489E-004$$

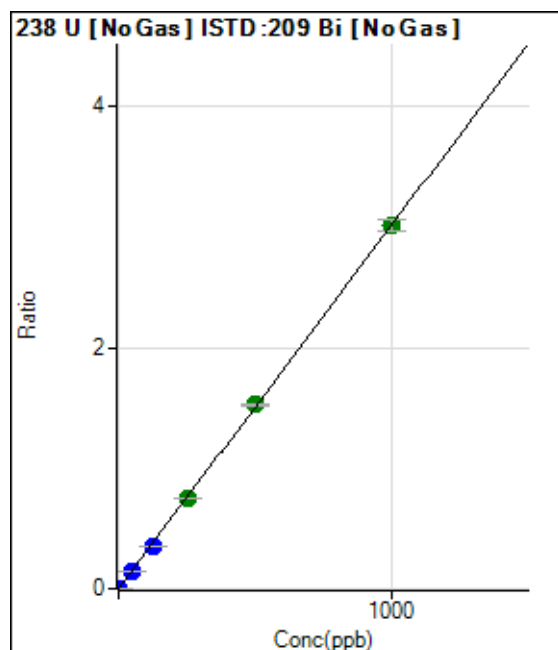
$$R = 1.0000$$

$$DL = 0.003343$$

$$BEC = 0.07294$$

Weight: <None>

Min Conc: <None>



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	43.33	0.0000	P	14.9
2	☐	1.000	0.945	13188.84	0.0029	P	3.5
3	☐	50.000	47.190	668188.52	0.1422	P	1.4
4	☐	125.000	115.320	1610513.54	0.3474	P	1.8
5	☐	250.000	248.723	3272540.44	0.7493	A	1.7
6	☐	500.000	506.591	6315217.68	1.5261	A	1.3
7	☐	1000.000	998.374	11584317.88	3.0077	A	3.1
8	☐			1111.17	0.0003	P	8.2

$$y = 0.0030 * x + 9.1460E-006$$

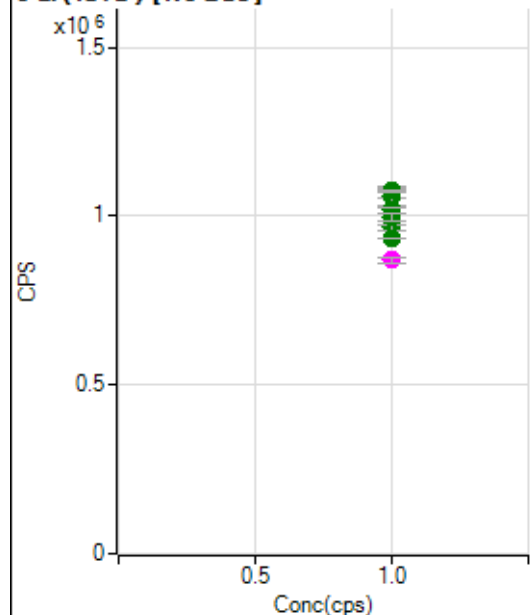
$$R = 0.9999$$

$$DL = 0.001355$$

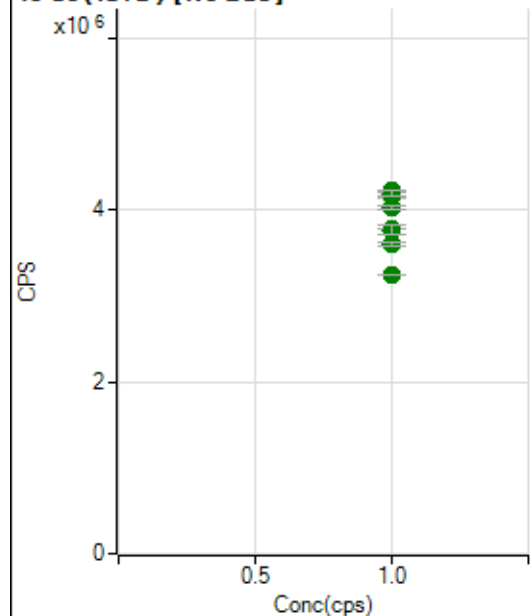
$$BEC = 0.003036$$

Weight: <None>

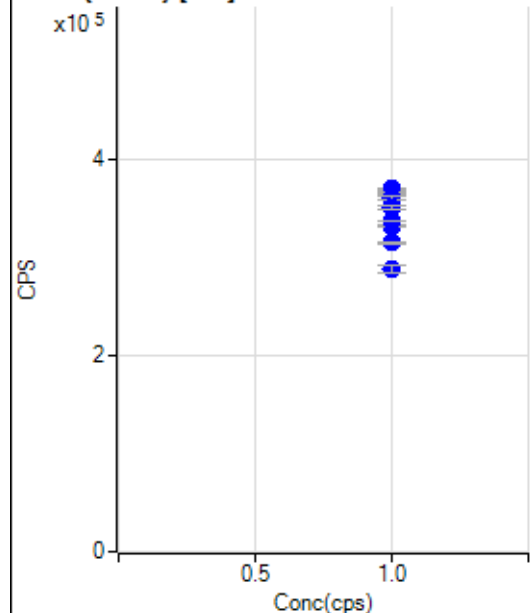
Min Conc: <None>

6 Li (ISTD) [No Gas]

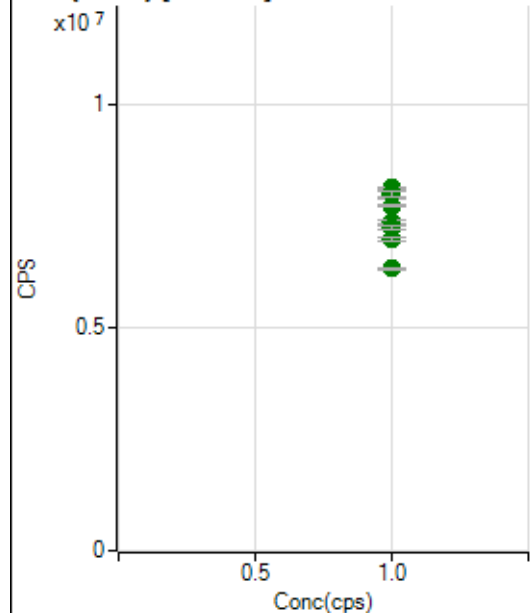
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1068228.74		A	2.5
2	☐	1.000		1059521.09		A	5.2
3	☐	1.000		1074788.21		A	0.6
4	☐	1.000		1018469.69		A	1.6
5	☐	1.000		966011.66		A	1.6
6	☐	1.000		935696.25		A	0.1
7	☐	1.000		870019.40		M	1.6
8	☐	1.000		997671.00		A	2.4

45 Sc (ISTD) [No Gas]

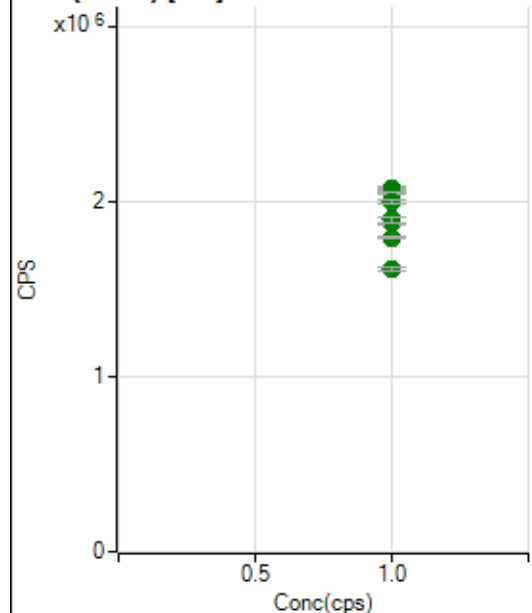
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4216821.88		A	0.4
2	☐	1.000		4152553.72		A	0.4
3	☐	1.000		4188789.21		A	1.8
4	☐	1.000		4022578.55		A	0.8
5	☐	1.000		3775815.33		A	0.3
6	☐	1.000		3592063.80		A	1.0
7	☐	1.000		3242073.46		A	0.4
8	☐	1.000		3765108.62		A	2.8

45 Sc (ISTD) [He]

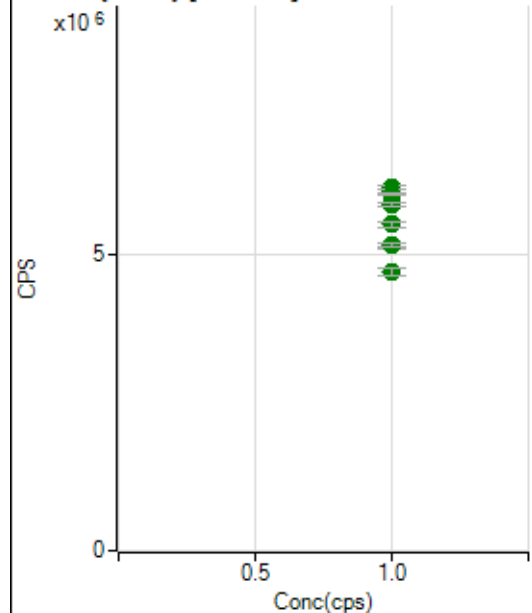
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		370517.29		P	0.8
2	☐	1.000		366814.72		P	0.6
3	☐	1.000		360685.98		P	1.1
4	☐	1.000		351598.94		P	1.1
5	☐	1.000		332196.24		P	0.5
6	☐	1.000		315585.14		P	0.5
7	☐	1.000		288535.70		P	2.4
8	☐	1.000		337849.38		P	0.3

89 Y (ISTD) [No Gas]

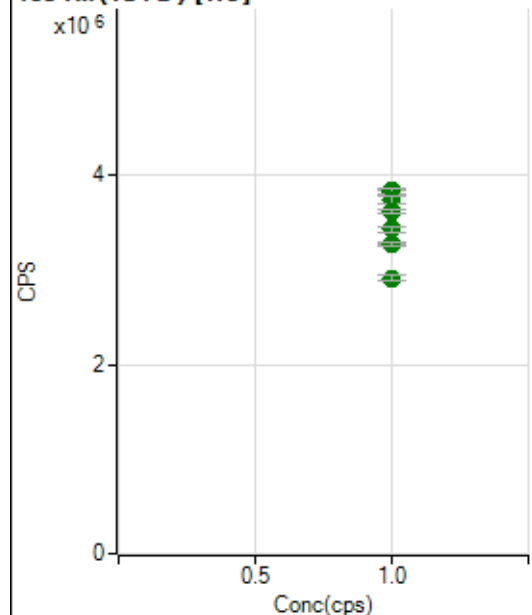
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8114776.89		A	0.8
2	☐	1.000		7969525.99		A	1.9
3	☐	1.000		7979600.64		A	1.4
4	☐	1.000		7715731.06		A	0.7
5	☐	1.000		7352185.59		A	1.1
6	☐	1.000		6962584.13		A	1.7
7	☐	1.000		6309993.24		A	0.9
8	☐	1.000		7232702.74		A	0.9

89 Y(ISTD) [He]

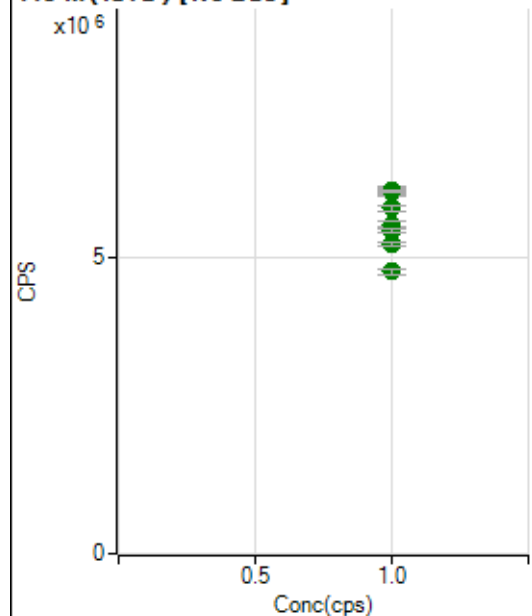
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2070843.02		A	2.3
2	☐	1.000		2075966.62		A	0.6
3	☐	1.000		2053758.53		A	0.5
4	☐	1.000		1998319.05		A	1.2
5	☐	1.000		1877034.00		A	0.4
6	☐	1.000		1795684.35		A	0.6
7	☐	1.000		1620014.70		A	1.0
8	☐	1.000		1898869.78		A	1.5

103 Rh(ISTD) [No Gas]

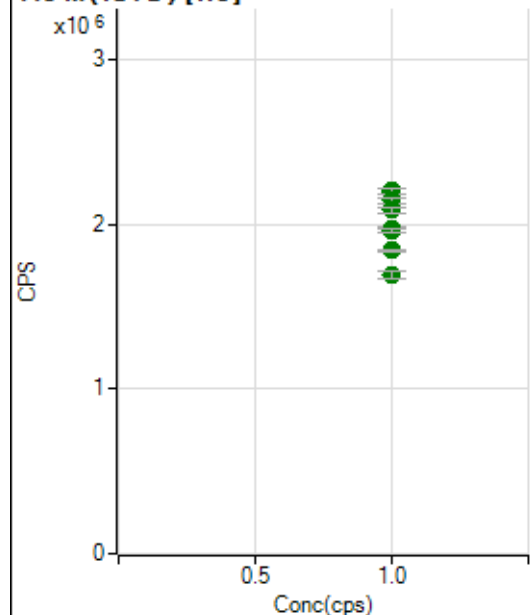
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6120462.13		A	0.9
2	☐	1.000		6072371.09		A	0.9
3	☐	1.000		6016496.23		A	0.9
4	☐	1.000		5842052.20		A	1.4
5	☐	1.000		5504743.67		A	1.6
6	☐	1.000		5144088.71		A	2.2
7	☐	1.000		4705592.36		A	3.2
8	☐	1.000		5154422.63		A	0.9

103 Rh (ISTD) [He]

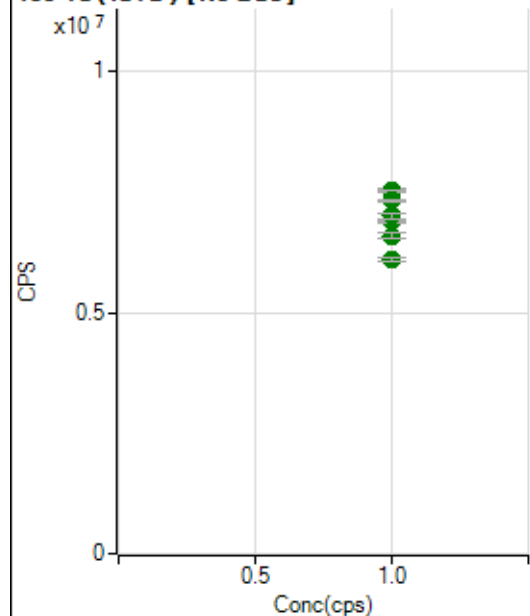
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3827026.47		A	1.1
2	☐	1.000		3833213.97		A	1.6
3	☐	1.000		3741336.65		A	2.3
4	☐	1.000		3618732.20		A	0.9
5	☐	1.000		3427357.21		A	1.8
6	☐	1.000		3265200.47		A	0.6
7	☐	1.000		2913990.51		A	1.7
8	☐	1.000		3267177.21		A	1.6

115 In (ISTD) [No Gas]

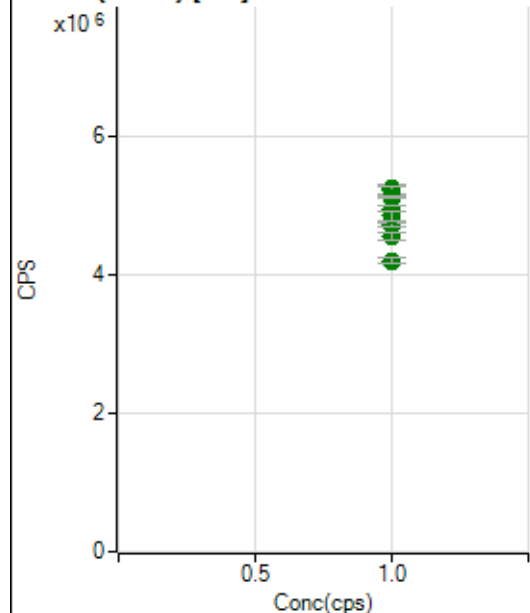
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6122755.37		A	1.3
2	☐	1.000		6121483.00		A	2.8
3	☐	1.000		6129847.50		A	0.5
4	☐	1.000		5845509.62		A	1.7
5	☐	1.000		5559089.79		A	1.7
6	☐	1.000		5245306.37		A	1.3
7	☐	1.000		4771328.19		A	2.2
8	☐	1.000		5447662.94		A	1.2

115 In (ISTD) [He]

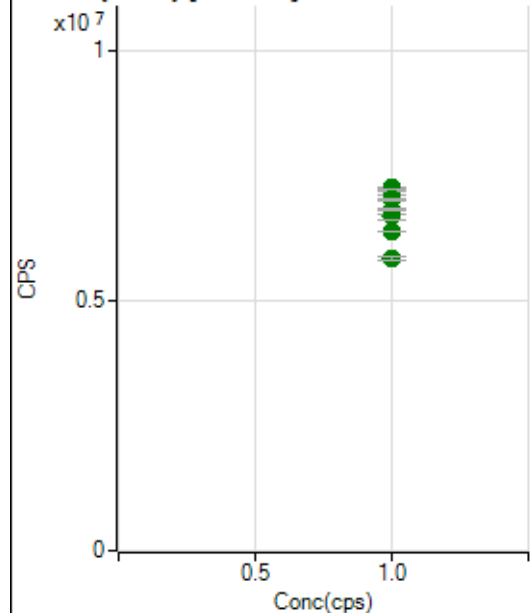
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2200011.99		A	1.5
2	☐	1.000		2205421.20		A	1.7
3	☐	1.000		2146319.66		A	1.4
4	☐	1.000		2087551.54		A	1.3
5	☐	1.000		1970470.26		A	1.5
6	☐	1.000		1842128.66		A	0.4
7	☐	1.000		1692275.65		A	3.0
8	☐	1.000		1964280.97		A	1.6

159 Tb (ISTD) [No Gas]

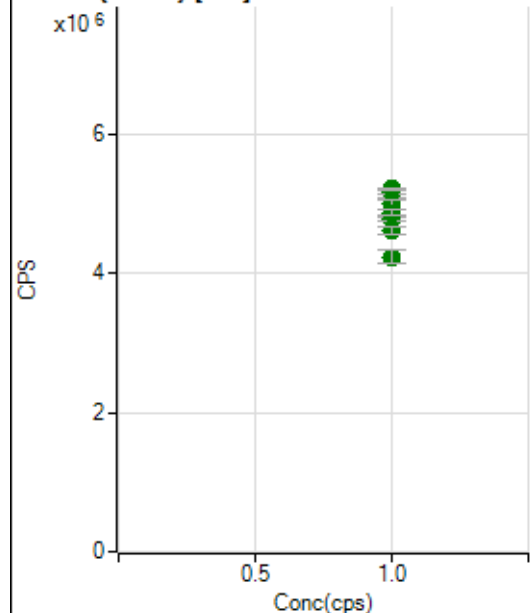
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7523486.90		A	1.1
2	☐	1.000		7516389.12		A	0.7
3	☐	1.000		7508233.71		A	0.4
4	☐	1.000		7326215.65		A	0.5
5	☐	1.000		6891897.47		A	0.8
6	☐	1.000		6593624.90		A	2.0
7	☐	1.000		6103664.01		A	1.0
8	☐	1.000		7003013.44		A	1.6

159 Tb (ISTD) [He]

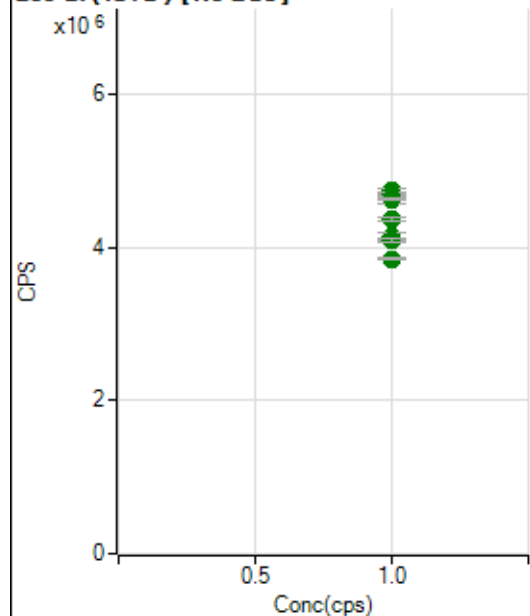
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5246400.09		A	2.3
2	☐	1.000		5232342.42		A	2.4
3	☐	1.000		5128223.95		A	0.8
4	☐	1.000		4958492.36		A	1.4
5	☐	1.000		4727866.94		A	1.4
6	☐	1.000		4569238.92		A	2.4
7	☐	1.000		4206604.97		A	2.0
8	☐	1.000		4856038.78		A	2.8

165 Ho (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7243139.27		A	0.7
2	☐	1.000		7190347.46		A	2.1
3	☐	1.000		7186598.43		A	0.4
4	☐	1.000		7008276.77		A	0.8
5	☐	1.000		6670035.53		A	1.4
6	☐	1.000		6372620.94		A	0.4
7	☐	1.000		5825576.44		A	1.6
8	☐	1.000		6807454.34		A	0.4

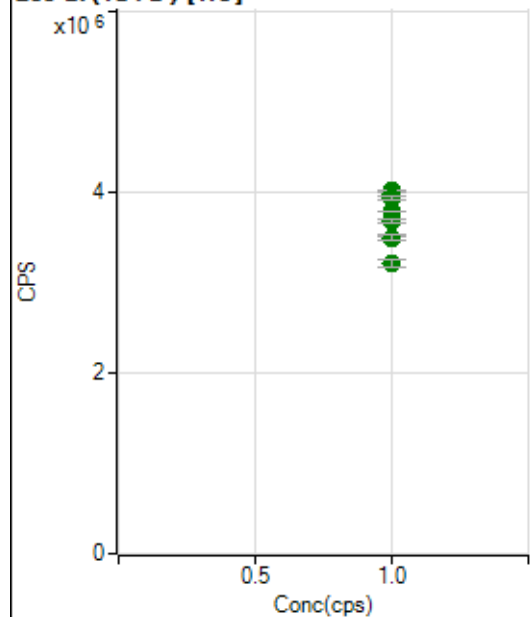
165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5155861.52		A	1.0
2	☐	1.000		5213584.30		A	0.7
3	☐	1.000		5069925.52		A	1.0
4	☐	1.000		4989079.30		A	2.3
5	☐	1.000		4779424.44		A	1.6
6	☐	1.000		4614999.72		A	2.0
7	☐	1.000		4235207.54		A	4.9
8	☐	1.000		4872883.96		A	2.1

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4736304.65		A	1.4
2	☐	1.000		4619604.86		A	2.4
3	☐	1.000		4700147.36		A	0.9
4	☐	1.000		4635470.56		A	0.4
5	☐	1.000		4367647.81		A	0.9
6	☐	1.000		4138029.11		A	2.4
7	☐	1.000		3851954.25		A	1.0
8	☐	1.000		4095995.81		A	1.3

209 Bi (ISTD) [He]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4012831.05		A	0.8
2	☐	1.000		3974238.62		A	2.6
3	☐	1.000		3925392.89		A	1.1
4	☐	1.000		3786493.62		A	0.4
5	☐	1.000		3678888.63		A	1.3
6	☐	1.000		3486946.54		A	1.7
7	☐	1.000		3208190.58		A	3.0
8	☐	1.000		3494209.88		A	2.0

US EPA Tune Check Report

Reviewed By:
On:
Inst Id :P7
LB :LB138105

Operator Name Jaswal

Acq/Data Batch D:\Agilent\ICPMH\1\DATA\P7120325-MS.b

Acq. Date-Time 2025-12-03 09:14:19

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		6933	69328.87			0.399	5.000
24		59483	594826.65			1.035	5.000
25		7959	79585.52			0.875	5.000
26		9584	95839.41			0.440	5.000
59		64956	649563.70			0.225	5.000
113		7653	76533.74			0.692	5.000
115		84529	845293.61			0.793	5.000
206		16874	168736.79			1.079	5.000
207		14519	145186.29			0.952	5.000
208		35052	350519.97			1.512	5.000
220		0	3.10			52.760	

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	6964	6927	6892	6929	6952
24	58776	59046	59524	59703	60364
25	7861	7956	7926	8018	8031
26	9543	9577	9554	9650	9596
59	64929	64784	64992	65180	64897
113	7657	7671	7714	7657	7568
115	83923	84677	84041	84404	85602
206	16710	16916	17170	16804	16768
207	14437	14670	14669	14421	14397
208	34612	35593	35664	34631	34760

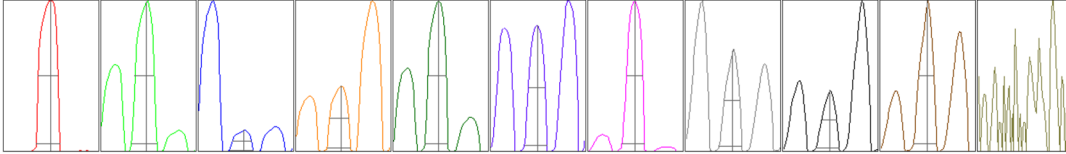
US EPA Tune Check Report

Reviewed By:
On:
Inst Id :P7
LB :LB138105

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

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	11604.31	9.00	8.90 - 9.10	
24	103014.33	23.95	23.90 - 24.10	
25	13936.62	24.95	24.90 - 25.10	
26	16329.48	25.95	25.90 - 26.10	
59	116039.10	58.95	58.90 - 59.10	
113	15032.30	113.00	112.90 - 113.10	
115	168023.10	115.00	114.90 - 115.10	
206	35790.08	206.00	205.90 - 206.10	
207	31268.23	207.00	206.90 - 207.10	
208	77366.60	208.00	207.90 - 208.10	
220			-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.62	0.741	0.900	
24	0.62	0.813	0.900	
25	0.61	0.743	0.900	
26	0.62	0.743	0.900	
59	0.59	0.736	0.900	
113	0.52	0.719	0.900	
115	0.51	0.721	0.900	
206	0.49	0.727	0.900	
207	0.48	0.736	0.900	
208	0.48	0.735	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 :LB138105

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	7.5 V	Deflect	14.8 V
Extract 2	-150.0 V	Cell Entrance	-30 V	Plate Bias	-35 V
Omega Bias	-65 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	180 V		

QP Parameters

Mass Gain	139	Axis Gain	0.9975	QP Bias	-3.0 V
Mass Offset	129	Axis Offset	0.11		

Hardware Settings

Torch

Torch H	-2.0 mm	Torch V	1.1 mm
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EM

Discriminator	4.9 mV	Analog HV	2290 V	Pulse HV	1236 V
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[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		22227	222273.25			1.132	
89		55091	550909.34			0.549	
205		19301	193012.97			0.822	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	22025	22564	22080	22430	22037
89	54870	55573	54978	55192	54842
205	19326	19531	19347	19167	19136

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	7.9 V	Deflect	3.8 V
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US EPA Tune Check Report

Reviewed By:
On:
Inst Id :P7
LB :LB138105

Extract 2	-160.0 V	Cell Entrance	-40 V	Plate Bias	-60 V
Omega Bias	-75 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	0.9975	QP Bias	-13.0 V
Mass Offset	129	Axis Offset	0.11		
Hardware Settings					
Torch					
Torch H	-2.0 mm	Torch V	1.1 mm		
EM					
Discriminator	4.9 mV	Analog HV	2290 V	Pulse HV	1236 V

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : S0 Instrumnet Name : P7
Client Sample ID : S0 Dilution Factor : 1
Date & Time Acquired : 2025-12-03 10:05:28 DataFile Name : 004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.05	0.16	-0.22	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	0.00	0.00	N/A	ppb
Barium	135-1	-0.01	0.02	-0.01	0.00	N/A	ppb
Barium	137-1	0.00	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	-0.01	0.01	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.08	-0.02	-0.06	0.00	N/A	ppb
Cadmium	106-1	-0.09	0.91	-0.82	0.00	N/A	ppb
Cadmium	111-1	-0.01	0.06	-0.05	0.00	N/A	ppb
Calcium	43-1	0.24	-2.48	2.24	0.00	N/A	ppb
Calcium	44-1	-2.40	0.87	1.53	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	-0.01	-0.01	0.00	N/A	ppb
Cobalt	59-2	-0.01	0.01	0.00	0.00	N/A	ppb
Copper	63-2	0.01	0.00	-0.01	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	-0.07	-0.01	0.08	0.00	N/A	ppb
Iron	57-2	0.04	0.59	-0.63	0.00	N/A	ppb
Iron	54-2	1.14	-0.68	-0.46	0.00	N/A	ppb
Krypton	83-1						cps

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : S0 Instrumnet Name : P7
Client Sample ID : S0 Dilution Factor : 1
Date & Time Acquired : 2025-12-03 10:05:28 DataFile Name : 004CALB.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	0.00	-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	0.08	-0.10	0.02	0.00	N/A	ppb
Manganese	55-2	0.01	0.01	-0.02	0.00	N/A	ppb
Molybdenum	94-1	-0.01	0.02	0.00	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.01	-0.01	0.00	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	0.02	-0.05	0.04	0.00	N/A	ppb
Phosphorus	31-2	-1506.79	-1444.91	-1459.95	-1470.55		ppb
Potassium	39-2	1.93	-0.46	-1.48	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	0.37	0.02	-0.39	0.00	N/A	ppb
Selenium	77-2	-0.26	0.27	-0.01	0.00	N/A	ppb
Selenium	78-2	-1.32	0.13	1.19	0.00	N/A	ppb
Silicon	28-1	-0.24	0.74	-0.51	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
Sodium	23-2	-0.28	-0.04	0.32	0.00	N/A	ppb
Strontium	86-1	-0.02	-0.03	0.05	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-1192.40	-1539.83	-783.61	-1171.95		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	0.02	0.00	N/A	ppb
Titanium	47-1	-0.01	0.03	-0.02	0.00	N/A	ppb

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : S0 Instrumnet Name : P7
Client Sample ID : S0 Dilution Factor : 1
Date & Time Acquired : 2025-12-03 10:05:28 DataFile Name : 004CALB.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	0.00	0.05	-0.04	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb
Zirconium	91-1	0.01	-0.01	0.00	0.00	N/A	ppb

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : S2 Instrumnet Name : P7
Client Sample ID : S2 Dilution Factor : 1
Date & Time Acquired : 2025-12-03 10:08:44 DataFile Name : 005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.43	21.49	22.53	21.48	4.90	ppb
Antimony	121-1	2.14	2.14	2.05	2.11	2.34	ppb
Arsenic	75-2	1.26	1.15	1.27	1.23	5.32	ppb
Barium	135-1	9.77	9.68	10.03	9.83	1.85	ppb
Barium	137-1	9.89	10.08	9.96	9.98	1.00	ppb
Beryllium	9-1	1.05	1.05	1.12	1.08	3.87	ppb
Bismuth	209-1				98		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.89	0.90	0.89	0.89	0.71	ppb
Cadmium	106-1	1.57	0.80	0.33	0.90	69.15	ppb
Cadmium	111-1	1.07	1.00	0.96	1.01	5.40	ppb
Calcium	43-1	525.19	494.99	483.24	501.14	4.32	ppb
Calcium	44-1	527.82	519.75	515.18	520.92	1.23	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.04	1.96	2.01	2.00	1.85	ppb
Cobalt	59-2	1.10	1.07	1.15	1.11	3.42	ppb
Copper	63-2	1.88	1.88	1.86	1.88	0.77	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				99		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	53.24	52.86	52.34	52.81	0.86	ppb
Iron	57-2	54.75	59.56	54.41	56.24	5.12	ppb
Iron	54-2	54.78	56.00	53.51	54.76	2.27	ppb
Krypton	83-1						cps

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : S2 Instrumnet Name : P7
Client Sample ID : S2 Dilution Factor : 1
Date & Time Acquired : 2025-12-03 10:08:44 DataFile Name : 005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.86	0.89	0.88	0.87	1.70	ppb
Lead	207-1	0.85	0.91	0.84	0.86	4.29	ppb
Lead	208-1	0.87	0.91	0.87	0.88	2.46	ppb
Lithium	6-1				99		%
Magnesium	24-2	484.03	477.81	473.20	478.34	1.14	ppb
Manganese	55-2	1.13	1.04	1.11	1.10	4.34	ppb
Molybdenum	94-1	5.71	6.21	5.73	5.88	4.84	ppb
Molybdenum	95-1	4.90	5.09	4.98	4.99	1.89	ppb
Molybdenum	96-1	5.22	5.27	4.87	5.12	4.23	ppb
Molybdenum	97-1	5.06	5.19	4.96	5.07	2.32	ppb
Molybdenum	98-1	4.88	5.08	4.89	4.95	2.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.96	0.85	0.83	0.88	8.03	ppb
Phosphorus	31-2	1577.59	1224.54	1609.52	1470.55	14.53	ppb
Potassium	39-2	513.18	496.36	495.67	501.74	1.98	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				98		%
Scandium	45-2				99		%
Selenium	82-1	5.20	6.21	5.77	5.73	8.87	ppb
Selenium	77-2	2.85	6.26	4.12	4.41	39.02	ppb
Selenium	78-2	5.98	5.96	7.91	6.62	17.01	ppb
Silicon	28-1	1.09	5.42	1.46	2.66	90.42	ppb
Silver	107-1	1.11	1.06	1.10	1.09	2.39	ppb
Silver	109-1	1.07	1.13	1.17	1.12	4.53	ppb
Sodium	23-2	490.93	481.08	483.56	485.19	1.06	ppb
Strontium	86-1	0.94	0.94	0.96	0.95	1.26	ppb
Strontium	88-1	1.02	1.06	1.00	1.03	2.87	ppb
Sulfur	34-1	1255.34	1323.17	937.33	1171.95	17.58	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.97	0.98	1.01	0.99	1.85	ppb
Thallium	205-1	1.02	1.07	0.98	1.02	4.33	ppb
Tin	118-1	4.96	5.09	5.04	5.03	1.27	ppb
Titanium	47-1	5.20	5.37	5.09	5.22	2.62	ppb

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : S2 Instrumnet Name : P7
Client Sample ID : S2 Dilution Factor : 1
Date & Time Acquired : 2025-12-03 10:08:44 DataFile Name : 005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.92	0.98	0.93	0.95	3.50	ppb
Vanadium	51-2	5.02	5.02	5.12	5.06	1.16	ppb
Yttrium	89-1				98		%
Yttrium	89-2				100		%
Zinc	66-2	5.66	5.47	5.44	5.52	2.15	ppb
Zirconium	90-1	1.05	0.99	1.04	1.02	3.19	ppb
Zirconium	91-1	0.99	1.04	1.01	1.01	2.86	ppb

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : S3 Instrumnet Name : P7
Client Sample ID : S3 Dilution Factor : 1
Date & Time Acquired : 2025-12-03 10:12:01 DataFile Name : 006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1001.02	963.85	965.68	976.85	2.14	ppb
Antimony	121-1	49.89	51.68	51.59	51.05	1.97	ppb
Arsenic	75-2	52.50	51.89	52.34	52.24	0.61	ppb
Barium	135-1	247.89	251.31	252.02	250.41	0.88	ppb
Barium	137-1	247.73	252.42	250.39	250.18	0.94	ppb
Beryllium	9-1	52.63	53.42	52.85	52.97	0.77	ppb
Bismuth	209-1				99		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	55.04	57.63	54.63	55.76	2.91	ppb
Cadmium	106-1	53.86	55.13	51.82	53.60	3.11	ppb
Cadmium	111-1	52.75	53.79	55.63	54.06	2.70	ppb
Calcium	43-1	5177.08	5087.44	5287.00	5183.84	1.93	ppb
Calcium	44-1	5055.18	4969.42	5124.43	5049.68	1.54	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	52.08	51.75	52.28	52.04	0.52	ppb
Cobalt	59-2	53.00	51.43	52.33	52.26	1.50	ppb
Copper	63-2	535.49	506.13	520.10	520.58	2.82	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				99		%
Holmium	165-2				98		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	56-2	2688.38	2594.94	2564.90	2616.07	2.46	ppb
Iron	57-2	2800.39	2703.89	2697.03	2733.77	2.11	ppb
Iron	54-2	2824.32	2739.33	2766.70	2776.78	1.56	ppb
Krypton	83-1						cps

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : S3 Instrumnet Name : P7
Client Sample ID : S3 Dilution Factor : 1
Date & Time Acquired : 2025-12-03 10:12:01 DataFile Name : 006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	240.89	242.42	248.90	244.07	1.74	ppb
Lead	207-1	236.14	237.56	239.79	237.83	0.77	ppb
Lead	208-1	248.39	249.99	249.57	249.32	0.33	ppb
Lithium	6-1				101		%
Magnesium	24-2	5092.11	4983.92	4840.96	4972.33	2.53	ppb
Manganese	55-2	530.40	511.28	512.23	517.97	2.08	ppb
Molybdenum	94-1	505.60	503.53	506.60	505.24	0.31	ppb
Molybdenum	95-1	504.89	505.25	505.35	505.16	0.05	ppb
Molybdenum	96-1	515.76	508.45	516.75	513.66	0.88	ppb
Molybdenum	97-1	514.20	504.35	517.45	512.00	1.33	ppb
Molybdenum	98-1	533.43	518.58	514.91	522.31	1.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	52.78	52.10	52.20	52.36	0.70	ppb
Phosphorus	31-2	-136.30	-361.57	-282.09	-259.99		ppb
Potassium	39-2	2640.90	2570.61	2592.98	2601.49	1.38	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				99		%
Scandium	45-2				97		%
Selenium	82-1	55.19	55.22	53.85	54.75	1.43	ppb
Selenium	77-2	58.93	53.62	52.78	55.11	6.05	ppb
Selenium	78-2	52.99	51.09	55.27	53.12	3.94	ppb
Silicon	28-1	52.35	50.57	54.94	52.62	4.18	ppb
Silver	107-1	51.43	53.48	53.71	52.87	2.37	ppb
Silver	109-1	51.42	52.73	54.33	52.83	2.75	ppb
Sodium	23-2	4970.01	4929.25	4942.17	4947.14	0.42	ppb
Strontium	86-1	51.44	51.66	51.54	51.55	0.22	ppb
Strontium	88-1	50.75	50.70	50.86	50.77	0.16	ppb
Sulfur	34-1	-213.74	-472.75	1156.07	156.53	559.18	ppb
Terbium	159-1				100		%
Terbium	159-2				98		%
Thallium	203-1	46.85	47.78	49.25	47.96	2.52	ppb
Thallium	205-1	47.37	48.09	49.04	48.17	1.74	ppb
Tin	118-1	50.64	51.15	51.74	51.18	1.08	ppb
Titanium	47-1	504.50	503.28	521.17	509.65	1.96	ppb

LB Number : LB138105 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P7
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired : 2025-12-03 10:12:01 DataFile Name : 006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	46.62	47.04	47.91	47.19	1.39	ppb
Vanadium	51-2	52.17	50.26	50.94	51.12	1.89	ppb
Yttrium	89-1				98		%
Yttrium	89-2				99		%
Zinc	66-2	548.71	527.16	543.38	539.75	2.08	ppb
Zirconium	90-1	50.93	51.02	51.54	51.16	0.64	ppb
Zirconium	91-1	49.85	50.16	50.81	50.28	0.98	ppb

LB Number :

LB138105

Operator :

Jaswal

Lab Sample ID :

S4

Instrumnet Name :

P7

Client Sample ID :

S4

Dilution Factor :

1

Date & Time Acquired :

2025-12-03 10:15:09

DataFile Name :

007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2406.55	2408.47	2400.51	2405.18	0.17	ppb
Antimony	121-1	123.85	128.43	126.16	126.15	1.82	ppb
Arsenic	75-2	128.53	131.15	125.43	128.37	2.23	ppb
Barium	135-1	608.86	624.44	610.97	614.76	1.37	ppb
Barium	137-1	606.30	625.38	616.16	615.95	1.55	ppb
Beryllium	9-1	130.20	138.13	131.97	133.43	3.12	ppb
Bismuth	209-1				98		%
Bismuth	209-2				94		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	133.33	132.95	128.10	131.46	2.22	ppb
Cadmium	106-1	130.64	135.43	129.52	131.87	2.38	ppb
Cadmium	111-1	131.52	133.27	132.06	132.29	0.68	ppb
Calcium	43-1	12806.37	13106.20	12678.39	12863.65	1.71	ppb
Calcium	44-1	12138.94	12542.19	12482.15	12387.76	1.76	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	127.08	129.71	130.19	128.99	1.30	ppb
Cobalt	59-2	126.49	128.37	128.08	127.65	0.79	ppb
Copper	63-2	1250.98	1255.18	1289.08	1265.08	1.65	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				97		%
Holmium	165-2				97		%
Indium	115-1				95		%
Indium	115-2				95		%
Iron	56-2	6377.69	6380.73	6430.13	6396.18	0.46	ppb
Iron	57-2	6629.51	6676.97	6753.43	6686.63	0.94	ppb
Iron	54-2	6746.77	6841.35	6755.43	6781.18	0.77	ppb
Krypton	83-1						cps

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : S4 Instrumnet Name : P7
Client Sample ID : S4 Dilution Factor : 1
Date & Time Acquired : 2025-12-03 10:15:09 DataFile Name : 007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	597.77	633.47	604.91	612.05	3.09	ppb
Lead	207-1	611.57	639.82	628.43	626.61	2.27	ppb
Lead	208-1	602.82	628.00	604.79	611.87	2.29	ppb
Lithium	6-1				95		%
Magnesium	24-2	11997.92	12230.15	11954.65	12060.90	1.23	ppb
Manganese	55-2	1285.03	1274.22	1253.73	1270.99	1.25	ppb
Molybdenum	94-1	1276.82	1231.47	1266.97	1258.42	1.90	ppb
Molybdenum	95-1	1271.85	1268.36	1259.18	1266.46	0.52	ppb
Molybdenum	96-1	1266.85	1261.75	1272.25	1266.95	0.41	ppb
Molybdenum	97-1	1257.63	1281.14	1248.84	1262.54	1.32	ppb
Molybdenum	98-1	1285.13	1314.16	1262.13	1287.14	2.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	128.45	127.41	126.05	127.30	0.94	ppb
Phosphorus	31-2	1314.04	1232.65	1266.38	1271.02	3.22	ppb
Potassium	39-2	6174.48	6197.01	6272.59	6214.69	0.83	ppb
Rhodium	103-1				95		%
Rhodium	103-2				95		%
Scandium	45-1				95		%
Scandium	45-2				95		%
Selenium	82-1	139.36	135.28	135.75	136.80	1.63	ppb
Selenium	77-2	136.15	140.77	133.46	136.79	2.70	ppb
Selenium	78-2	132.38	136.83	134.80	134.67	1.66	ppb
Silicon	28-1	129.99	133.74	128.45	130.72	2.08	ppb
Silver	107-1	127.16	131.11	130.58	129.62	1.65	ppb
Silver	109-1	128.82	132.27	129.87	130.32	1.36	ppb
Sodium	23-2	12072.94	12794.93	12155.73	12341.20	3.20	ppb
Strontium	86-1	126.59	129.60	127.37	127.85	1.22	ppb
Strontium	88-1	126.87	128.91	126.06	127.28	1.15	ppb
Sulfur	34-1	2518.77	2058.43	1596.89	2058.03	22.40	ppb
Terbium	159-1				97		%
Terbium	159-2				95		%
Thallium	203-1	117.42	116.82	118.27	117.50	0.62	ppb
Thallium	205-1	118.74	119.80	119.15	119.23	0.45	ppb
Tin	118-1	123.14	128.04	125.27	125.48	1.96	ppb
Titanium	47-1	1277.22	1290.27	1260.02	1275.84	1.19	ppb

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : S4 Instrumnet Name : P7
Client Sample ID : S4 Dilution Factor : 1
Date & Time Acquired : 2025-12-03 10:15:09 DataFile Name : 007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	113.09	117.06	115.81	115.32	1.76	ppb
Vanadium	51-2	125.95	126.86	125.95	126.25	0.42	ppb
Yttrium	89-1				95		%
Yttrium	89-2				96		%
Zinc	66-2	1296.80	1331.93	1341.90	1323.54	1.79	ppb
Zirconium	90-1	127.24	127.38	127.21	127.28	0.07	ppb
Zirconium	91-1	126.29	127.10	124.76	126.05	0.94	ppb

LB Number :

LB138105

Operator :

Jaswal

Lab Sample ID :

S5

Instrumnet Name :

P7

Client Sample ID :

S5

Dilution Factor :

1

Date & Time Acquired :

2025-12-03 10:18:11

DataFile Name :

008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4834.69	4759.85	4812.84	4802.46	0.80	ppb
Antimony	121-1	249.29	251.92	257.02	252.75	1.56	ppb
Arsenic	75-2	256.05	256.51	254.86	255.81	0.33	ppb
Barium	135-1	1221.97	1233.78	1243.97	1233.24	0.89	ppb
Barium	137-1	1255.31	1278.11	1295.31	1276.25	1.57	ppb
Beryllium	9-1	253.04	261.97	261.93	258.98	1.98	ppb
Bismuth	209-1				92		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	263.09	262.95	269.99	265.35	1.52	ppb
Cadmium	106-1	263.37	262.65	268.10	264.71	1.12	ppb
Cadmium	111-1	261.58	262.61	267.17	263.78	1.13	ppb
Calcium	43-1	25346.49	25563.82	25528.40	25479.57	0.46	ppb
Calcium	44-1	24623.35	24228.09	24595.12	24482.18	0.90	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	259.29	255.91	252.60	255.94	1.31	ppb
Cobalt	59-2	257.22	251.53	253.12	253.96	1.16	ppb
Copper	63-2	2577.00	2578.00	2475.67	2543.56	2.31	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				92		%
Holmium	165-2				93		%
Indium	115-1				91		%
Indium	115-2				90		%
Iron	56-2	12982.08	12903.32	12627.09	12837.50	1.45	ppb
Iron	57-2	13599.59	13245.78	13179.57	13341.65	1.69	ppb
Iron	54-2	13240.29	12977.64	12995.34	13071.09	1.12	ppb
Krypton	83-1						cps

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : S5 Instrumnet Name : P7
Client Sample ID : S5 Dilution Factor : 1
Date & Time Acquired : 2025-12-03 10:18:11 DataFile Name : 008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1206.72	1224.21	1259.99	1230.31	2.21	ppb
Lead	207-1	1254.84	1246.57	1267.30	1256.24	0.83	ppb
Lead	208-1	1238.46	1243.62	1259.10	1247.06	0.86	ppb
Lithium	6-1				90		%
Magnesium	24-2	23887.97	23319.10	23756.96	23654.68	1.26	ppb
Manganese	55-2	2588.10	2531.14	2492.12	2537.12	1.90	ppb
Molybdenum	94-1	2511.07	2496.84	2482.73	2496.88	0.57	ppb
Molybdenum	95-1	2513.93	2461.85	2479.53	2485.10	1.07	ppb
Molybdenum	96-1	2485.12	2498.23	2496.86	2493.41	0.29	ppb
Molybdenum	97-1	2509.67	2463.36	2459.91	2477.65	1.12	ppb
Molybdenum	98-1	2525.15	2575.14	2496.84	2532.38	1.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	257.46	254.39	250.67	254.17	1.34	ppb
Phosphorus	31-2	4369.07	4376.39	3943.98	4229.81	5.85	ppb
Potassium	39-2	12092.02	12237.90	11975.67	12101.86	1.09	ppb
Rhodium	103-1				90		%
Rhodium	103-2				90		%
Scandium	45-1				90		%
Scandium	45-2				90		%
Selenium	82-1	269.40	265.40	270.25	268.35	0.97	ppb
Selenium	77-2	281.95	264.85	279.18	275.32	3.33	ppb
Selenium	78-2	264.41	273.80	277.13	271.78	2.43	ppb
Silicon	28-1	251.91	260.42	263.91	258.75	2.39	ppb
Silver	107-1	257.71	258.65	259.50	258.62	0.35	ppb
Silver	109-1	257.56	256.81	262.57	258.98	1.21	ppb
Sodium	23-2	24666.73	24040.87	23836.92	24181.51	1.79	ppb
Strontium	86-1	251.78	253.57	251.97	252.44	0.39	ppb
Strontium	88-1	252.47	247.23	254.41	251.37	1.48	ppb
Sulfur	34-1	3792.16	4126.28	4708.13	4208.86	11.01	ppb
Terbium	159-1				92		%
Terbium	159-2				90		%
Thallium	203-1	234.30	232.04	237.42	234.59	1.15	ppb
Thallium	205-1	254.52	247.32	253.58	251.81	1.55	ppb
Tin	118-1	251.77	250.04	252.87	251.56	0.57	ppb
Titanium	47-1	2506.78	2565.17	2546.73	2539.56	1.18	ppb

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : S5 Instrumnet Name : P7
Client Sample ID : S5 Dilution Factor : 1
Date & Time Acquired : 2025-12-03 10:18:11 DataFile Name : 008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	246.20	246.41	253.56	248.72	1.68	ppb
Vanadium	51-2	254.77	249.62	250.79	251.73	1.07	ppb
Yttrium	89-1				91		%
Yttrium	89-2				91		%
Zinc	66-2	2622.40	2632.20	2602.48	2619.03	0.58	ppb
Zirconium	90-1	250.58	251.62	257.32	253.17	1.43	ppb
Zirconium	91-1	249.12	247.15	252.22	249.50	1.02	ppb

LB Number :

LB138105

Operator :

Jaswal

Lab Sample ID :

S6

Instrumnet Name :

P7

Client Sample ID :

S6

Dilution Factor :

1

Date & Time Acquired :

2025-12-03 10:21:05

DataFile Name :

009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9752.51	9640.32	9664.74	9685.86	0.61	ppb
Antimony	121-1	492.09	538.90	509.80	513.60	4.60	ppb
Arsenic	75-2	501.35	504.65	506.20	504.07	0.49	ppb
Barium	135-1	2487.08	2659.08	2559.68	2568.61	3.36	ppb
Barium	137-1	2458.52	2616.64	2567.96	2547.71	3.18	ppb
Beryllium	9-1	493.28	512.35	513.18	506.27	2.22	ppb
Bismuth	209-1				87		%
Bismuth	209-2				87		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	498.95	532.74	506.52	512.74	3.46	ppb
Cadmium	106-1	499.27	530.50	511.88	513.88	3.06	ppb
Cadmium	111-1	503.39	530.70	516.14	516.75	2.64	ppb
Calcium	43-1	49876.96	51016.49	52153.54	51015.66	2.23	ppb
Calcium	44-1	48797.38	48811.13	49065.17	48891.23	0.31	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	505.23	505.23	514.95	508.47	1.10	ppb
Cobalt	59-2	503.80	500.28	509.55	504.55	0.93	ppb
Copper	63-2	5050.62	5051.04	5065.41	5055.69	0.17	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				88		%
Holmium	165-2				90		%
Indium	115-1				86		%
Indium	115-2				84		%
Iron	56-2	25514.89	25524.29	25859.09	25632.76	0.76	ppb
Iron	57-2	26331.67	26531.64	26602.20	26488.50	0.53	ppb
Iron	54-2	26098.38	25864.55	26464.89	26142.61	1.16	ppb
Krypton	83-1						cps

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : S6 Instrumnet Name : P7
Client Sample ID : S6 Dilution Factor : 1
Date & Time Acquired : 2025-12-03 10:21:05 DataFile Name : 009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2496.05	2466.18	2530.34	2497.52	1.29	ppb
Lead	207-1	2507.33	2517.43	2545.86	2523.54	0.79	ppb
Lead	208-1	2520.19	2473.38	2565.27	2519.61	1.82	ppb
Lithium	6-1				88		%
Magnesium	24-2	47606.37	49122.04	48389.43	48372.61	1.57	ppb
Manganese	55-2	5165.00	5035.69	5171.43	5124.04	1.49	ppb
Molybdenum	94-1	4925.70	4938.41	5074.32	4979.48	1.65	ppb
Molybdenum	95-1	5036.48	4979.88	5015.84	5010.73	0.57	ppb
Molybdenum	96-1	5043.50	5040.81	5029.02	5037.78	0.15	ppb
Molybdenum	97-1	5014.58	5039.76	4985.86	5013.40	0.54	ppb
Molybdenum	98-1	5038.74	5167.22	5058.60	5088.18	1.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	497.80	502.93	510.81	503.85	1.30	ppb
Phosphorus	31-2	9640.48	9327.72	9478.01	9482.07	1.65	ppb
Potassium	39-2	24274.77	24171.90	24410.94	24285.87	0.49	ppb
Rhodium	103-1				84		%
Rhodium	103-2				85		%
Scandium	45-1				85		%
Scandium	45-2				85		%
Selenium	82-1	513.57	517.83	513.37	514.92	0.49	ppb
Selenium	77-2	502.01	512.28	525.76	513.35	2.32	ppb
Selenium	78-2	514.54	516.73	514.37	515.21	0.26	ppb
Silicon	28-1	495.13	510.40	521.26	508.93	2.58	ppb
Silver	107-1	508.34	533.17	507.43	516.31	2.83	ppb
Silver	109-1	519.54	533.87	518.06	523.82	1.67	ppb
Sodium	23-2	48527.36	48660.29	48795.59	48661.08	0.28	ppb
Strontium	86-1	500.85	496.95	502.96	500.25	0.61	ppb
Strontium	88-1	494.63	503.84	502.83	500.44	1.01	ppb
Sulfur	34-1	10088.29	9055.68	10084.70	9742.89	6.11	ppb
Terbium	159-1				88		%
Terbium	159-2				87		%
Thallium	203-1	494.33	499.64	525.57	506.51	3.30	ppb
Thallium	205-1	509.19	508.16	521.85	513.07	1.49	ppb
Tin	118-1	491.29	515.91	506.95	504.72	2.47	ppb
Titanium	47-1	4937.31	5092.22	5102.77	5044.10	1.84	ppb

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : S6 Instrumnet Name : P7
Client Sample ID : S6 Dilution Factor : 1
Date & Time Acquired : 2025-12-03 10:21:05 DataFile Name : 009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	501.21	504.51	514.05	506.59	1.32	ppb
Vanadium	51-2	499.85	499.95	508.08	502.63	0.94	ppb
Yttrium	89-1				86		%
Yttrium	89-2				87		%
Zinc	66-2	5157.75	5168.72	5060.45	5128.97	1.16	ppb
Zirconium	90-1	505.59	507.80	502.09	505.16	0.57	ppb
Zirconium	91-1	497.57	492.72	500.59	496.96	0.80	ppb

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : S7 Instrumnet Name : P7
Client Sample ID : S7 Dilution Factor : 1
Date & Time Acquired : 2025-12-03 10:23:53 DataFile Name : 010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19309.24	19097.02	19530.72	19312.33	1.12	ppb
Antimony	121-1	968.35	998.66	1009.94	992.32	2.17	ppb
Arsenic	75-2	1020.10	987.65	980.19	995.98	2.13	ppb
Barium	135-1	4800.87	5054.69	5057.87	4971.14	2.97	ppb
Barium	137-1	4981.21	4985.34	4945.57	4970.71	0.44	ppb
Beryllium	9-1	957.43	1028.09	994.73	993.42	3.56	ppb
Bismuth	209-1				81		%
Bismuth	209-2				80		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	980.64	995.23	990.23	988.70	0.75	ppb
Cadmium	106-1	975.46	1005.37	984.20	988.34	1.56	ppb
Cadmium	111-1	970.44	994.43	996.33	987.07	1.46	ppb
Calcium	43-1	98083.58	103971.33	102335.04	101463.31	3.00	ppb
Calcium	44-1	95463.89	99423.58	98408.35	97765.27	2.10	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	996.09	959.39	1025.56	993.68	3.34	ppb
Cobalt	59-2	1011.33	973.33	1004.23	996.29	2.03	ppb
Copper	63-2	9825.73	9836.79	10212.54	9958.35	2.21	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				80		%
Holmium	165-2				82		%
Indium	115-1				78		%
Indium	115-2				77		%
Iron	56-2	49672.48	49253.83	51911.37	50279.23	2.84	ppb
Iron	57-2	51564.24	48296.86	51357.86	50406.32	3.63	ppb
Iron	54-2	50281.46	49604.98	52170.41	50685.62	2.62	ppb
Krypton	83-1						cps

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : S7 Instrumnet Name : P7
Client Sample ID : S7 Dilution Factor : 1
Date & Time Acquired : 2025-12-03 10:23:53 DataFile Name : 010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	4887.12	5114.89	5022.23	5008.08	2.29	ppb
Lead	207-1	4832.13	5156.92	4972.19	4987.08	3.27	ppb
Lead	208-1	4848.57	5146.95	4982.29	4992.60	2.99	ppb
Lithium	6-1				81		%
Magnesium	24-2	94311.68	92979.09	96377.97	94556.25	1.81	ppb
Manganese	55-2	10056.55	9518.42	10200.56	9925.18	3.62	ppb
Molybdenum	94-1	9693.34	10176.61	10159.23	10009.72	2.74	ppb
Molybdenum	95-1	9632.22	10258.30	10097.61	9996.04	3.25	ppb
Molybdenum	96-1	9759.24	10176.43	10004.20	9979.96	2.10	ppb
Molybdenum	97-1	9794.28	10190.86	10005.03	9996.72	1.98	ppb
Molybdenum	98-1	9593.66	10175.57	10056.94	9942.06	3.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1005.75	961.39	1022.75	996.63	3.18	ppb
Phosphorus	31-2	21270.86	20190.93	20542.60	20668.13	2.66	ppb
Potassium	39-2	48351.36	45733.50	49531.91	47872.26	4.06	ppb
Rhodium	103-1				77		%
Rhodium	103-2				76		%
Scandium	45-1				77		%
Scandium	45-2				78		%
Selenium	82-1	970.21	998.13	990.37	986.24	1.46	ppb
Selenium	77-2	1012.15	968.67	974.98	985.27	2.38	ppb
Selenium	78-2	998.62	989.87	968.23	985.58	1.59	ppb
Silicon	28-1	942.95	1033.16	1001.61	992.57	4.61	ppb
Silver	107-1	978.77	994.88	993.25	988.97	0.90	ppb
Silver	109-1	978.53	1004.74	971.83	985.04	1.77	ppb
Sodium	23-2	97020.90	96239.93	98515.71	97258.85	1.19	ppb
Strontium	86-1	969.54	1012.35	1014.60	998.83	2.54	ppb
Strontium	88-1	963.95	1015.55	1017.85	999.12	3.05	ppb
Sulfur	34-1	20857.86	20422.52	19990.90	20423.76	2.12	ppb
Terbium	159-1				81		%
Terbium	159-2				80		%
Thallium	203-1	978.41	1016.86	1009.63	1001.64	2.04	ppb
Thallium	205-1	968.32	1003.32	1009.84	993.83	2.25	ppb
Tin	118-1	996.89	1010.55	983.95	997.13	1.33	ppb
Titanium	47-1	9817.84	9968.05	10107.15	9964.35	1.45	ppb

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : S7 Instrumnet Name : P7
Client Sample ID : S7 Dilution Factor : 1
Date & Time Acquired : 2025-12-03 10:23:53 DataFile Name : 010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	963.08	1021.23	1010.81	998.37	3.11	ppb
Vanadium	51-2	996.03	979.66	1018.44	998.04	1.95	ppb
Yttrium	89-1				78		%
Yttrium	89-2				78		%
Zinc	66-2	9926.48	9923.25	9834.00	9894.58	0.53	ppb
Zirconium	90-1	978.80	1009.79	1000.25	996.28	1.59	ppb
Zirconium	91-1	958.27	1031.44	1014.80	1001.50	3.83	ppb

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : S8 Instrumnet Name : P7
Client Sample ID : S8 Dilution Factor : 1
Date & Time Acquired : 2025-12-03 10:26:39 DataFile Name : 011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99385.66	98573.62	102584.99	100181.43	2.12	ppb
Antimony	121-1	3.03	2.92	3.14	3.03	3.63	ppb
Arsenic	75-2	2.06	2.30	2.19	2.18	5.52	ppb
Barium	135-1	4.47	4.46	4.37	4.43	1.19	ppb
Barium	137-1	4.40	4.28	4.59	4.42	3.51	ppb
Beryllium	9-1	0.25	0.28	0.29	0.27	7.89	ppb
Bismuth	209-1				86		%
Bismuth	209-2				87		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.09	0.91	1.24	1.08	15.14	ppb
Cadmium	106-1	-0.11	0.04	-1.82	-0.63		ppb
Cadmium	111-1	0.52	0.57	0.46	0.52	11.16	ppb
Calcium	43-1	500955.23	501928.22	495829.13	499570.86	0.66	ppb
Calcium	44-1	492555.11	511440.95	497761.95	500586.00	1.95	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	17.69	17.77	17.66	17.71	0.32	ppb
Cobalt	59-2	2.36	2.48	2.41	2.42	2.38	ppb
Copper	63-2	2.67	2.74	2.87	2.76	3.79	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				94		%
Holmium	165-2				95		%
Indium	115-1				89		%
Indium	115-2				89		%
Iron	56-2	246169.11	250623.85	252784.60	249859.19	1.35	ppb
Iron	57-2	249922.96	250428.81	248791.87	249714.55	0.34	ppb
Iron	54-2	247479.69	248541.20	253091.15	249704.01	1.19	ppb
Krypton	83-1						cps

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : S8 Instrumnet Name : P7
Client Sample ID : S8 Dilution Factor : 1
Date & Time Acquired : 2025-12-03 10:26:39 DataFile Name : 011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	5.60	5.75	5.83	5.73	2.03	ppb
Lead	207-1	5.50	5.58	5.72	5.60	1.95	ppb
Lead	208-1	5.57	5.67	5.83	5.69	2.29	ppb
Lithium	6-1				93		%
Magnesium	24-2	500699.34	496500.92	506789.84	501330.03	1.03	ppb
Manganese	55-2	7.19	7.25	7.39	7.28	1.43	ppb
Molybdenum	94-1	5.63	5.95	5.78	5.79	2.73	ppb
Molybdenum	95-1	4.88	4.93	4.80	4.87	1.27	ppb
Molybdenum	96-1	5.95	6.21	6.15	6.10	2.21	ppb
Molybdenum	97-1	5.14	4.87	4.97	4.99	2.68	ppb
Molybdenum	98-1	4.90	4.87	4.82	4.87	0.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	12.56	12.84	12.36	12.59	1.91	ppb
Phosphorus	31-2	-1495.03	-1232.00	-1345.51	-1357.51		ppb
Potassium	39-2	247261.32	251316.66	252972.22	250516.73	1.17	ppb
Rhodium	103-1				84		%
Rhodium	103-2				85		%
Scandium	45-1				89		%
Scandium	45-2				91		%
Selenium	82-1	1.97	1.88	2.72	2.19	21.19	ppb
Selenium	77-2	1.13	1.46	2.30	1.63	36.79	ppb
Selenium	78-2	2.97	1.78	2.47	2.41	24.81	ppb
Silicon	28-1	9.03	7.16	5.82	7.34	21.93	ppb
Silver	107-1	1.82	1.84	1.93	1.86	3.03	ppb
Silver	109-1	1.82	1.87	1.89	1.86	1.90	ppb
Sodium	23-2	508013.86	494081.24	500087.59	500727.56	1.40	ppb
Strontium	86-1	13.69	13.88	13.77	13.78	0.72	ppb
Strontium	88-1	13.55	14.12	13.80	13.82	2.08	ppb
Sulfur	34-1	3252.08	2573.03	2363.91	2729.67	17.01	ppb
Terbium	159-1				93		%
Terbium	159-2				93		%
Thallium	203-1	2.41	2.55	2.51	2.49	2.73	ppb
Thallium	205-1	2.49	2.49	2.54	2.51	1.21	ppb
Tin	118-1	1.84	1.88	1.93	1.88	2.49	ppb
Titanium	47-1	2.55	2.33	2.28	2.39	5.94	ppb

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : S8 Instrumnet Name : P7
Client Sample ID : S8 Dilution Factor : 1
Date & Time Acquired : 2025-12-03 10:26:39 DataFile Name : 011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.09	0.09	0.08	0.09	8.50	ppb
Vanadium	51-2	0.86	0.90	0.92	0.90	3.19	ppb
Yttrium	89-1				89		%
Yttrium	89-2				92		%
Zinc	66-2	10.61	11.51	11.82	11.31	5.53	ppb
Zirconium	90-1	0.94	0.95	0.93	0.94	1.17	ppb
Zirconium	91-1	0.89	1.02	0.92	0.94	7.17	ppb

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : ICV01 Instrumnet Name : P7
Client Sample ID : ICV01 Dilution Factor : 1
Date & Time Acquired : 2025-12-03 10:59:33 DataFile Name : 014ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1457.15	1523.49	1497.23	1492.62	2.24	ppb
Antimony	121-1	414.19	416.26	434.74	421.73	2.68	ppb
Arsenic	75-2	394.20	413.28	413.08	406.85	2.69	ppb
Barium	135-1	1605.36	1668.57	1676.35	1650.09	2.36	ppb
Barium	137-1	1587.22	1623.80	1623.62	1611.55	1.31	ppb
Beryllium	9-1	41.78	41.64	42.99	42.14	1.76	ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	193.86	188.51	193.96	192.11	1.62	ppb
Cadmium	106-1	181.39	187.84	187.02	185.42	1.89	ppb
Cadmium	111-1	203.71	210.42	212.38	208.84	2.18	ppb
Calcium	43-1	4020.81	4018.47	4120.56	4053.28	1.44	ppb
Calcium	44-1	4002.16	3981.97	4129.72	4037.95	1.98	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	162.70	165.44	163.13	163.76	0.90	ppb
Cobalt	59-2	406.35	416.23	416.39	412.99	1.39	ppb
Copper	63-2	184.46	187.29	186.45	186.07	0.78	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				99		%
Indium	115-1				98		%
Indium	115-2				97		%
Iron	56-2	801.88	818.46	813.42	811.25	1.05	ppb
Iron	57-2	830.64	864.74	851.94	849.11	2.03	ppb
Iron	54-2	923.69	955.10	945.16	941.32	1.71	ppb
Krypton	83-1						cps

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : ICV01 Instrumnet Name : P7
Client Sample ID : ICV01 Dilution Factor : 1
Date & Time Acquired : 2025-12-03 10:59:33 DataFile Name : 014ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	377.91	383.67	385.83	382.47	1.07	ppb
Lead	207-1	365.08	373.85	367.96	368.96	1.21	ppb
Lead	208-1	387.16	394.77	391.04	390.99	0.97	ppb
Lithium	6-1				101		%
Magnesium	24-2	3699.40	3786.11	3743.99	3743.17	1.16	ppb
Manganese	55-2	388.26	396.56	392.91	392.58	1.06	ppb
Molybdenum	94-1	0.63	0.63	0.59	0.62	3.50	ppb
Molybdenum	95-1	0.66	0.70	0.71	0.69	4.27	ppb
Molybdenum	96-1	0.70	0.76	0.73	0.73	4.53	ppb
Molybdenum	97-1	0.66	0.72	0.67	0.68	5.00	ppb
Molybdenum	98-1	0.70	0.72	0.73	0.72	2.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	404.34	408.85	411.26	408.15	0.86	ppb
Phosphorus	31-2	-1436.66	-1618.98	-1658.47	-1571.37		ppb
Potassium	39-2	3990.03	4117.47	4077.09	4061.53	1.60	ppb
Rhodium	103-1				97		%
Rhodium	103-2				97		%
Scandium	45-1				98		%
Scandium	45-2				97		%
Selenium	82-1	437.76	440.00	439.66	439.14	0.27	ppb
Selenium	77-2	429.29	431.65	412.55	424.50	2.45	ppb
Selenium	78-2	426.03	439.66	427.94	431.21	1.71	ppb
Silicon	28-1	-3.83	-22.78	-20.94	-15.85		ppb
Silver	107-1	181.37	189.05	191.24	187.22	2.77	ppb
Silver	109-1	183.48	190.34	193.19	189.01	2.64	ppb
Sodium	23-2	3896.66	4015.47	3964.11	3958.75	1.51	ppb
Strontium	86-1	0.08	0.08	0.07	0.08	4.98	ppb
Strontium	88-1	0.09	0.08	0.09	0.09	4.45	ppb
Sulfur	34-1	-1105.94	-2463.91	-502.70	-1357.52		ppb
Terbium	159-1				98		%
Terbium	159-2				98		%
Thallium	203-1	358.65	366.41	358.92	361.33	1.22	ppb
Thallium	205-1	387.91	387.04	368.54	381.16	2.87	ppb
Tin	118-1	0.52	0.51	0.53	0.52	1.35	ppb
Titanium	47-1	0.54	0.63	0.60	0.59	8.04	ppb

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : ICV01 Instrumnet Name : P7
Client Sample ID : ICV01 Dilution Factor : 1
Date & Time Acquired : 2025-12-03 10:59:33 DataFile Name : 014ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	52.24	ppb
Vanadium	51-2	396.56	408.73	400.51	401.93	1.54	ppb
Yttrium	89-1				97		%
Yttrium	89-2				99		%
Zinc	66-2	381.30	393.42	392.67	389.13	1.74	ppb
Zirconium	90-1	0.03	0.02	0.03	0.03	20.89	ppb
Zirconium	91-1	0.12	0.10	0.11	0.11	7.54	ppb

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : LLICV01 Instrumnet Name : P7
Client Sample ID : LLICV01 Dilution Factor : 1
Date & Time Acquired : 2025-12-03 11:10:21 DataFile Name : 017LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.49	21.80	22.18	21.49	4.13	ppb
Antimony	121-1	2.07	2.06	2.09	2.07	0.89	ppb
Arsenic	75-2	1.13	1.23	1.21	1.19	4.39	ppb
Barium	135-1	9.89	9.78	9.63	9.76	1.34	ppb
Barium	137-1	9.92	9.57	9.74	9.74	1.78	ppb
Beryllium	9-1	1.12	0.99	1.13	1.08	7.02	ppb
Bismuth	209-1				103		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.04	0.54	1.01	0.86	32.45	ppb
Cadmium	106-1	-1.41	-0.48	-1.74	-1.21		ppb
Cadmium	111-1	0.80	0.86	0.75	0.80	6.62	ppb
Calcium	43-1	505.66	496.07	508.53	503.42	1.30	ppb
Calcium	44-1	495.15	495.72	498.58	496.48	0.37	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.04	1.95	1.91	1.97	3.14	ppb
Cobalt	59-2	1.10	1.12	1.04	1.08	3.60	ppb
Copper	63-2	1.97	1.93	2.01	1.97	2.08	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				102		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	56-2	54.80	54.37	52.22	53.79	2.58	ppb
Iron	57-2	58.78	53.88	55.31	55.99	4.50	ppb
Iron	54-2	52.93	54.96	53.82	53.90	1.88	ppb
Krypton	83-1						cps

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : LLICV01 Instrumnet Name : P7
Client Sample ID : LLICV01 Dilution Factor : 1
Date & Time Acquired : 2025-12-03 11:10:21 DataFile Name : 017LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.83	0.90	0.91	0.88	5.49	ppb
Lead	207-1	0.87	0.84	0.91	0.87	4.05	ppb
Lead	208-1	0.85	0.87	0.91	0.88	3.09	ppb
Lithium	6-1				105		%
Magnesium	24-2	480.81	479.51	477.12	479.15	0.39	ppb
Manganese	55-2	1.19	1.12	1.16	1.16	3.15	ppb
Molybdenum	94-1	5.89	5.79	6.00	5.90	1.79	ppb
Molybdenum	95-1	4.89	4.78	4.98	4.88	2.07	ppb
Molybdenum	96-1	4.88	5.00	5.19	5.02	3.05	ppb
Molybdenum	97-1	4.92	4.86	4.81	4.87	1.12	ppb
Molybdenum	98-1	4.71	4.82	5.03	4.85	3.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.88	0.89	1.02	0.93	8.01	ppb
Phosphorus	31-2	961.52	1250.32	991.56	1067.80	14.87	ppb
Potassium	39-2	494.50	492.31	483.44	490.08	1.19	ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				100		%
Scandium	45-2				97		%
Selenium	82-1	5.71	5.98	5.20	5.63	7.07	ppb
Selenium	77-2	4.68	6.74	7.32	6.24	22.16	ppb
Selenium	78-2	5.37	5.09	4.71	5.06	6.57	ppb
Silicon	28-1	-22.69	-23.98	-22.15	-22.94		ppb
Silver	107-1	1.10	1.13	1.11	1.11	1.09	ppb
Silver	109-1	1.12	1.09	1.13	1.11	1.69	ppb
Sodium	23-2	482.72	488.81	479.90	483.81	0.94	ppb
Strontium	86-1	0.96	1.00	0.96	0.98	2.28	ppb
Strontium	88-1	0.96	1.00	1.05	1.00	4.44	ppb
Sulfur	34-1	743.77	-387.01	235.61	197.45	286.83	ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	1.00	0.97	1.06	1.01	4.23	ppb
Thallium	205-1	0.97	1.02	1.02	1.00	3.13	ppb
Tin	118-1	4.86	4.90	4.95	4.90	0.96	ppb
Titanium	47-1	5.19	4.97	5.35	5.17	3.75	ppb

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : LLICV01 Instrumnet Name : P7
Client Sample ID : LLICV01 Dilution Factor : 1
Date & Time Acquired : 2025-12-03 11:10:21 DataFile Name : 017LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.86	0.89	0.92	0.89	3.04	ppb
Vanadium	51-2	5.19	4.86	5.08	5.04	3.38	ppb
Yttrium	89-1				99		%
Yttrium	89-2				100		%
Zinc	66-2	5.68	5.58	5.39	5.55	2.64	ppb
Zirconium	90-1	0.99	1.06	1.07	1.04	3.98	ppb
Zirconium	91-1	0.98	0.94	0.98	0.97	2.04	ppb

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : ICB01 Instrumnet Name : P7
Client Sample ID : ICB01 Dilution Factor : 1
Date & Time Acquired : 2025-12-03 11:13:39 DataFile Name : 018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.65	5.21	4.93	4.93	5.64	ppb
Antimony	121-1	0.04	0.03	0.04	0.04	13.15	ppb
Arsenic	75-2	0.02	0.01	0.01	0.01	36.44	ppb
Barium	135-1	0.07	0.08	0.07	0.07	5.46	ppb
Barium	137-1	0.05	0.07	0.06	0.06	19.85	ppb
Beryllium	9-1	-0.02	-0.01	0.00	-0.01		ppb
Bismuth	209-1				100		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.09	0.01	0.05	0.05	75.03	ppb
Cadmium	106-1	-1.19	-1.87	-3.24	-2.10		ppb
Cadmium	111-1	-0.08	-0.11	-0.21	-0.13		ppb
Calcium	43-1	-0.77	2.17	-2.24	-0.28		ppb
Calcium	44-1	1.85	2.22	4.87	2.98	55.31	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.04	0.01	-0.02	0.01	282.54	ppb
Cobalt	59-2	0.01	0.02	0.01	0.01	31.98	ppb
Copper	63-2	0.10	0.09	0.10	0.10	7.16	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				99		%
Holmium	165-2				100		%
Indium	115-1				97		%
Indium	115-2				98		%
Iron	56-2	1.43	1.16	1.12	1.24	13.59	ppb
Iron	57-2	1.48	1.68	3.60	2.25	51.98	ppb
Iron	54-2	1.06	0.39	1.06	0.84	46.23	ppb
Krypton	83-1						cps

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : ICB01 Instrumnet Name : P7
Client Sample ID : ICB01 Dilution Factor : 1
Date & Time Acquired : 2025-12-03 11:13:39 DataFile Name : 018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.03	0.02	0.02	0.02	24.30	ppb
Lead	207-1	0.05	0.05	0.04	0.04	13.34	ppb
Lead	208-1	0.04	0.03	0.03	0.03	24.33	ppb
Lithium	6-1				101		%
Magnesium	24-2	2.59	2.07	2.27	2.31	11.35	ppb
Manganese	55-2	0.20	0.23	0.16	0.20	16.73	ppb
Molybdenum	94-1	0.03	0.04	0.08	0.05	46.62	ppb
Molybdenum	95-1	0.05	0.05	0.05	0.05	4.81	ppb
Molybdenum	96-1	0.06	0.04	0.05	0.05	15.08	ppb
Molybdenum	97-1	0.05	0.06	0.07	0.06	17.29	ppb
Molybdenum	98-1	0.05	0.04	0.06	0.05	18.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.01	-0.03	-0.01		ppb
Phosphorus	31-2	-1614.45	-1724.85	-1735.83	-1691.71		ppb
Potassium	39-2	5.91	-2.05	-1.35	0.83	529.22	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				97		%
Scandium	45-2				95		%
Selenium	82-1	0.02	0.13	-0.10	0.02	736.69	ppb
Selenium	77-2	-0.26	0.00	-0.26	-0.18		ppb
Selenium	78-2	-0.65	0.21	0.38	-0.02		ppb
Silicon	28-1	-22.82	-3.48	-22.37	-16.22		ppb
Silver	107-1	0.01	0.01	0.02	0.02	39.30	ppb
Silver	109-1	0.03	0.03	0.02	0.03	22.38	ppb
Sodium	23-2	7.99	6.95	6.95	7.29	8.27	ppb
Strontium	86-1	-0.11	-0.07	0.02	-0.05		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	155.59	ppb
Sulfur	34-1	-1613.29	-511.13	-359.93	-828.12		ppb
Terbium	159-1				98		%
Terbium	159-2				98		%
Thallium	203-1	0.01	0.01	0.00	0.01	60.31	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	15.28	ppb
Tin	118-1	0.03	-0.01	0.02	0.01	147.23	ppb
Titanium	47-1	0.06	0.06	0.10	0.07	32.27	ppb

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : ICB01 Instrumnet Name : P7
Client Sample ID : ICB01 Dilution Factor : 1
Date & Time Acquired : 2025-12-03 11:13:39 DataFile Name : 018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.01	0.00	0.01	0.00	42.89	ppb
Vanadium	51-2	0.01	0.01	0.02	0.01	39.63	ppb
Yttrium	89-1				97		%
Yttrium	89-2				99		%
Zinc	66-2	0.39	0.35	0.32	0.35	9.60	ppb
Zirconium	90-1	0.01	0.02	0.02	0.02	31.85	ppb
Zirconium	91-1	0.01	0.02	0.02	0.02	41.96	ppb

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : ICSA01 Instrumnet Name : P7
Client Sample ID : ICSA01 Dilution Factor : 1
Date & Time Acquired : 2025-12-03 11:18:27 DataFile Name : 019ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	90984.10	89233.53	89867.01	90028.22	0.98	ppb
Antimony	121-1	1.12	1.15	1.11	1.13	2.00	ppb
Arsenic	75-2	0.78	0.86	0.89	0.85	6.80	ppb
Barium	135-1	1.35	1.64	1.53	1.51	9.77	ppb
Barium	137-1	1.39	1.51	1.43	1.44	4.15	ppb
Beryllium	9-1	0.33	0.25	0.32	0.30	14.70	ppb
Bismuth	209-1				98		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	8.16	8.04	8.47	8.22	2.67	ppb
Cadmium	106-1	-4.02	-3.27	-3.54	-3.61		ppb
Cadmium	111-1	0.05	0.06	0.09	0.07	28.93	ppb
Calcium	43-1	95448.92	99531.78	96088.08	97022.92	2.26	ppb
Calcium	44-1	95329.75	100273.46	98167.23	97923.48	2.53	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	20.27	20.21	19.75	20.08	1.40	ppb
Cobalt	59-2	1.19	1.29	1.34	1.27	6.00	ppb
Copper	63-2	7.11	7.10	7.05	7.09	0.41	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				99		%
Indium	115-1				95		%
Indium	115-2				93		%
Iron	56-2	100410.79	101845.61	98904.63	100387.01	1.46	ppb
Iron	57-2	101004.53	98406.60	97235.35	98882.16	1.95	ppb
Iron	54-2	99942.73	99421.93	98506.46	99290.37	0.73	ppb
Krypton	83-1						cps

LB Number : LB138105 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired : 2025-12-03 11:18:27 DataFile Name : 019ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	4.71	4.96	4.58	4.75	4.05	ppb
Lead	207-1	4.09	4.37	4.24	4.23	3.34	ppb
Lead	208-1	4.29	4.55	4.35	4.40	3.04	ppb
Lithium	6-1				101		%
Magnesium	24-2	88968.86	92054.09	92231.76	91084.90	2.01	ppb
Manganese	55-2	7.46	7.42	7.45	7.44	0.33	ppb
Molybdenum	94-1	1620.27	1567.40	1572.87	1586.85	1.83	ppb
Molybdenum	95-1	1911.65	1928.57	1908.22	1916.14	0.57	ppb
Molybdenum	96-1	1842.56	1889.91	1892.73	1875.07	1.50	ppb
Molybdenum	97-1	1951.92	1882.49	1951.09	1928.50	2.07	ppb
Molybdenum	98-1	1946.13	1910.31	1945.97	1934.14	1.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.14	5.73	5.59	5.82	4.89	ppb
Phosphorus	31-2	1090791.57	1103585.81	1087844.96	1094074.11	0.76	ppb
Potassium	39-2	96903.55	96830.40	97318.74	97017.56	0.27	ppb
Rhodium	103-1				92		%
Rhodium	103-2				94		%
Scandium	45-1				96		%
Scandium	45-2				94		%
Selenium	82-1	0.77	0.05	0.02	0.28	149.36	ppb
Selenium	77-2	-0.26	-0.26	0.01	-0.17		ppb
Selenium	78-2	0.77	0.32	0.95	0.68	48.08	ppb
Silicon	28-1	-18.64	2.21	-1.20	-5.88		ppb
Silver	107-1	0.08	0.07	0.05	0.07	27.41	ppb
Silver	109-1	0.10	0.07	0.04	0.07	44.61	ppb
Sodium	23-2	98303.97	99267.52	99784.79	99118.76	0.76	ppb
Strontium	86-1	33.61	33.53	33.88	33.68	0.54	ppb
Strontium	88-1	33.38	33.03	33.56	33.32	0.82	ppb
Sulfur	34-1	709215.01	742203.33	744890.77	732103.04	2.71	ppb
Terbium	159-1				98		%
Terbium	159-2				97		%
Thallium	203-1	0.04	0.07	0.07	0.06	32.71	ppb
Thallium	205-1	0.06	0.07	0.09	0.07	20.48	ppb
Tin	118-1	0.18	0.21	0.29	0.22	25.13	ppb
Titanium	47-1	1983.82	2036.64	2011.77	2010.74	1.31	ppb

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : ICSA01 Instrumnet Name : P7
Client Sample ID : ICSA01 Dilution Factor : 1
Date & Time Acquired : 2025-12-03 11:18:27 DataFile Name : 019ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.02	0.02	0.02	0.02	11.10	ppb
Vanadium	51-2	0.24	0.25	0.21	0.23	10.33	ppb
Yttrium	89-1				95		%
Yttrium	89-2				97		%
Zinc	66-2	10.65	10.53	10.67	10.62	0.73	ppb
Zirconium	90-1	0.08	0.07	0.07	0.07	9.10	ppb
Zirconium	91-1	0.09	0.06	0.08	0.08	15.58	ppb

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : ICSAB01 Instrumnet Name : P7
Client Sample ID : ICSAB01 Dilution Factor : 1
Date & Time Acquired : 2025-12-03 11:21:31 DataFile Name : 020ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	92182.72	87991.89	88201.89	89458.83	2.64	ppb
Antimony	121-1	20.53	21.03	20.93	20.83	1.28	ppb
Arsenic	75-2	21.39	19.98	20.71	20.69	3.41	ppb
Barium	135-1	20.63	20.62	21.42	20.89	2.20	ppb
Barium	137-1	20.80	21.53	21.27	21.20	1.77	ppb
Beryllium	9-1	20.27	21.02	20.87	20.72	1.91	ppb
Bismuth	209-1				101		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	24.60	26.52	24.45	25.19	4.59	ppb
Cadmium	106-1	14.81	15.97	16.15	15.64	4.66	ppb
Cadmium	111-1	20.22	20.27	20.69	20.39	1.26	ppb
Calcium	43-1	95545.16	97643.32	94554.20	95914.23	1.64	ppb
Calcium	44-1	94612.59	97992.26	94999.51	95868.12	1.93	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	42.42	39.68	40.95	41.02	3.35	ppb
Cobalt	59-2	22.08	20.80	21.22	21.37	3.05	ppb
Copper	63-2	26.42	24.70	25.35	25.49	3.41	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				101		%
Indium	115-1				97		%
Indium	115-2				97		%
Iron	56-2	100312.13	97842.13	100194.27	99449.51	1.40	ppb
Iron	57-2	100349.63	96335.64	96788.86	97824.71	2.25	ppb
Iron	54-2	101395.96	95435.23	99380.98	98737.39	3.07	ppb
Krypton	83-1						cps

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : ICSAB01 Instrumnet Name : P7
Client Sample ID : ICSAB01 Dilution Factor : 1
Date & Time Acquired : 2025-12-03 11:21:31 DataFile Name : 020ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	24.26	25.09	24.54	24.63	1.71	ppb
Lead	207-1	23.00	23.11	22.77	22.96	0.76	ppb
Lead	208-1	23.42	23.71	23.40	23.51	0.74	ppb
Lithium	6-1				102		%
Magnesium	24-2	93245.90	87289.61	90090.42	90208.64	3.30	ppb
Manganese	55-2	26.28	25.79	25.79	25.95	1.11	ppb
Molybdenum	94-1	1573.49	1603.07	1554.23	1576.93	1.56	ppb
Molybdenum	95-1	1914.58	1948.10	1935.26	1932.64	0.88	ppb
Molybdenum	96-1	1891.93	1911.84	1867.77	1890.51	1.17	ppb
Molybdenum	97-1	1929.72	1929.33	1902.73	1920.59	0.81	ppb
Molybdenum	98-1	1919.34	1964.28	1858.36	1913.99	2.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	26.70	24.85	26.22	25.93	3.70	ppb
Phosphorus	31-2	1114547.44	1066244.91	1077265.33	1086019.23	2.33	ppb
Potassium	39-2	98883.08	95685.47	95580.99	96716.51	1.94	ppb
Rhodium	103-1				95		%
Rhodium	103-2				95		%
Scandium	45-1				99		%
Scandium	45-2				97		%
Selenium	82-1	20.45	19.98	20.90	20.44	2.25	ppb
Selenium	77-2	24.22	18.76	19.15	20.71	14.71	ppb
Selenium	78-2	19.92	18.72	20.91	19.85	5.52	ppb
Silicon	28-1	-21.02	-1.00	-1.77	-7.93		ppb
Silver	107-1	19.08	19.26	19.72	19.35	1.72	ppb
Silver	109-1	19.35	19.60	19.61	19.52	0.76	ppb
Sodium	23-2	101286.50	95534.83	97406.19	98075.84	2.99	ppb
Strontium	86-1	34.20	34.13	33.53	33.95	1.08	ppb
Strontium	88-1	33.64	33.78	33.67	33.70	0.22	ppb
Sulfur	34-1	707682.16	744584.24	712636.87	721634.42	2.78	ppb
Terbium	159-1				101		%
Terbium	159-2				98		%
Thallium	203-1	19.39	19.75	19.64	19.59	0.95	ppb
Thallium	205-1	19.71	19.92	19.75	19.79	0.57	ppb
Tin	118-1	0.36	0.38	0.39	0.38	3.88	ppb
Titanium	47-1	1975.52	2066.40	1944.49	1995.47	3.18	ppb

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : ICSAB01 Instrumnet Name : P7
Client Sample ID : ICSAB01 Dilution Factor : 1
Date & Time Acquired : 2025-12-03 11:21:31 DataFile Name : 020ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.02	0.03	0.02	0.02	9.90	ppb
Vanadium	51-2	20.86	20.10	20.74	20.57	1.98	ppb
Yttrium	89-1				99		%
Yttrium	89-2				99		%
Zinc	66-2	30.96	28.85	29.80	29.87	3.55	ppb
Zirconium	90-1	0.05	0.05	0.04	0.05	9.08	ppb
Zirconium	91-1	0.05	0.06	0.03	0.05	38.23	ppb

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : CCV01 Instrumnet Name : P7
Client Sample ID : CCV01 Dilution Factor : 1
Date & Time Acquired : 2025-12-03 11:24:32 DataFile Name : 021CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48748.52	50885.40	51245.23	50293.05	2.68	ppb
Antimony	121-1	529.23	514.75	530.52	524.83	1.67	ppb
Arsenic	75-2	516.47	511.82	510.71	513.00	0.60	ppb
Barium	135-1	2657.16	2602.04	2717.93	2659.04	2.18	ppb
Barium	137-1	2691.34	2594.14	2683.57	2656.35	2.03	ppb
Beryllium	9-1	478.02	513.89	528.85	506.92	5.15	ppb
Bismuth	209-1				88		%
Bismuth	209-2				86		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	502.67	506.15	508.60	505.81	0.59	ppb
Cadmium	106-1	509.48	509.58	514.76	511.27	0.59	ppb
Cadmium	111-1	506.79	505.81	513.75	508.78	0.85	ppb
Calcium	43-1	245212.96	257513.71	259955.81	254227.49	3.11	ppb
Calcium	44-1	248295.87	257122.61	255292.55	253570.34	1.84	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	527.78	533.32	527.88	529.66	0.60	ppb
Cobalt	59-2	520.90	534.17	516.87	523.98	1.73	ppb
Copper	63-2	5065.73	5037.03	5152.74	5085.17	1.18	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				92		%
Holmium	165-2				90		%
Indium	115-1				87		%
Indium	115-2				84		%
Iron	56-2	130250.94	131231.17	130369.06	130617.06	0.41	ppb
Iron	57-2	127172.39	132883.03	127883.23	129312.88	2.41	ppb
Iron	54-2	129988.54	130719.56	129734.32	130147.47	0.39	ppb
Krypton	83-1						cps

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : CCV01 Instrumnet Name : P7
Client Sample ID : CCV01 Dilution Factor : 1
Date & Time Acquired : 2025-12-03 11:24:32 DataFile Name : 021CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2637.91	2684.86	2721.29	2681.35	1.56	ppb
Lead	207-1	2596.67	2618.18	2682.83	2632.56	1.70	ppb
Lead	208-1	2604.32	2625.11	2722.32	2650.59	2.38	ppb
Lithium	6-1				87		%
Magnesium	24-2	245970.19	254352.36	253431.22	251251.26	1.83	ppb
Manganese	55-2	5229.09	5088.20	5167.32	5161.54	1.37	ppb
Molybdenum	94-1	5139.87	5162.94	5364.73	5222.51	2.37	ppb
Molybdenum	95-1	5104.72	5244.77	5428.54	5259.34	3.09	ppb
Molybdenum	96-1	5206.14	5139.59	5295.66	5213.80	1.50	ppb
Molybdenum	97-1	5217.08	5198.83	5386.27	5267.40	1.96	ppb
Molybdenum	98-1	5267.00	5169.09	5242.72	5226.27	0.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	503.57	504.55	512.46	506.86	0.96	ppb
Phosphorus	31-2	9594.19	9094.90	10293.81	9660.97	6.23	ppb
Potassium	39-2	122493.78	120985.43	126551.06	123343.42	2.33	ppb
Rhodium	103-1				84		%
Rhodium	103-2				86		%
Scandium	45-1				86		%
Scandium	45-2				86		%
Selenium	82-1	486.06	487.14	500.53	491.24	1.64	ppb
Selenium	77-2	496.33	471.80	504.52	490.88	3.47	ppb
Selenium	78-2	482.79	473.85	506.74	487.79	3.49	ppb
Silicon	28-1	499.62	522.58	524.16	515.46	2.66	ppb
Silver	107-1	515.35	507.04	510.73	511.04	0.82	ppb
Silver	109-1	506.17	505.90	528.13	513.40	2.49	ppb
Sodium	23-2	253692.26	256028.95	258567.90	256096.37	0.95	ppb
Strontium	86-1	518.46	517.79	533.47	523.24	1.69	ppb
Strontium	88-1	523.39	519.51	538.00	526.97	1.85	ppb
Sulfur	34-1	10043.75	11511.47	12141.05	11232.09	9.58	ppb
Terbium	159-1				90		%
Terbium	159-2				89		%
Thallium	203-1	542.92	526.57	546.91	538.80	2.00	ppb
Thallium	205-1	532.77	545.03	546.95	541.58	1.42	ppb
Tin	118-1	527.50	523.67	537.99	529.72	1.40	ppb
Titanium	47-1	5115.70	5276.28	5369.94	5253.97	2.45	ppb

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : CCV01 Instrumnet Name : P7
Client Sample ID : CCV01 Dilution Factor : 1
Date & Time Acquired : 2025-12-03 11:24:32 DataFile Name : 021CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	521.74	527.09	561.72	536.85	4.04	ppb
Vanadium	51-2	518.32	527.34	521.61	522.43	0.87	ppb
Yttrium	89-1				88		%
Yttrium	89-2				88		%
Zinc	66-2	4976.27	4977.18	5087.04	5013.50	1.27	ppb
Zirconium	90-1	519.27	526.24	547.70	531.07	2.79	ppb
Zirconium	91-1	512.82	513.06	533.77	519.88	2.31	ppb

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : CCB01 Instrumnet Name : P7
Client Sample ID : CCB01 Dilution Factor : 1
Date & Time Acquired : 2025-12-03 11:27:19 DataFile Name : 022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.42	4.98	5.42	4.94	10.12	ppb
Antimony	121-1	0.31	0.36	0.43	0.37	16.74	ppb
Arsenic	75-2	0.00	0.04	0.03	0.02	75.82	ppb
Barium	135-1	0.11	0.05	0.11	0.09	38.22	ppb
Barium	137-1	0.09	0.08	0.11	0.09	15.69	ppb
Beryllium	9-1	0.01	0.01	0.02	0.01	39.44	ppb
Bismuth	209-1				107		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.15	0.04	0.22	0.14	64.54	ppb
Cadmium	106-1	-0.88	-2.70	-1.78	-1.79		ppb
Cadmium	111-1	-0.01	-0.16	-0.08	-0.08		ppb
Calcium	43-1	11.04	1.61	6.86	6.50	72.70	ppb
Calcium	44-1	22.13	16.80	27.17	22.03	23.53	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	0.01	0.00	0.01	98.72	ppb
Cobalt	59-2	0.01	0.02	0.03	0.02	72.68	ppb
Copper	63-2	0.37	0.36	0.37	0.37	2.54	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				104		%
Holmium	165-2				104		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	56-2	8.91	8.86	9.27	9.01	2.48	ppb
Iron	57-2	12.06	10.21	9.27	10.51	13.52	ppb
Iron	54-2	7.86	8.06	8.69	8.21	5.29	ppb
Krypton	83-1						cps

LB Number : LB138105 Operator : Jaswal
 Lab Sample ID : CCB01 Instrumnet Name : P7
 Client Sample ID : CCB01 Dilution Factor : 1
 Date & Time Acquired : 2025-12-03 11:27:19 DataFile Name : 022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.19	0.18	0.22	0.20	9.47	ppb
Lead	207-1	0.17	0.16	0.19	0.18	8.75	ppb
Lead	208-1	0.18	0.18	0.20	0.19	5.88	ppb
Lithium	6-1				103		%
Magnesium	24-2	14.26	14.82	14.63	14.57	1.96	ppb
Manganese	55-2	0.24	0.27	0.23	0.25	7.09	ppb
Molybdenum	94-1	0.46	0.44	0.44	0.45	2.93	ppb
Molybdenum	95-1	0.50	0.46	0.46	0.47	4.92	ppb
Molybdenum	96-1	0.49	0.42	0.41	0.44	9.83	ppb
Molybdenum	97-1	0.47	0.50	0.44	0.47	6.35	ppb
Molybdenum	98-1	0.47	0.45	0.48	0.47	3.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.04	-0.02	0.06	0.03	139.08	ppb
Phosphorus	31-2	-1578.49	-1687.08	-1660.42	-1642.00		ppb
Potassium	39-2	28.47	17.26	23.50	23.08	24.35	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				101		%
Scandium	45-2				98		%
Selenium	82-1	0.58	0.80	0.53	0.64	22.37	ppb
Selenium	77-2	-0.26	-0.01	-0.01	-0.09		ppb
Selenium	78-2	-1.81	0.93	0.22	-0.22		ppb
Silicon	28-1	-5.93	-25.64	-23.54	-18.37		ppb
Silver	107-1	0.07	0.06	0.05	0.06	23.33	ppb
Silver	109-1	0.08	0.50	0.06	0.21	115.76	ppb
Sodium	23-2	60.06	57.60	57.14	58.27	2.70	ppb
Strontium	86-1	-0.04	-0.08	-0.04	-0.05		ppb
Strontium	88-1	0.02	0.01	0.02	0.02	3.60	ppb
Sulfur	34-1	-873.99	-2176.59	175.63	-958.32		ppb
Terbium	159-1				103		%
Terbium	159-2				100		%
Thallium	203-1	0.08	0.10	0.11	0.10	15.74	ppb
Thallium	205-1	0.11	0.10	0.10	0.10	2.27	ppb
Tin	118-1	0.16	0.12	0.14	0.14	15.50	ppb
Titanium	47-1	0.22	0.26	0.28	0.25	11.75	ppb

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : CCB01 Instrumnet Name : P7
Client Sample ID : CCB01 Dilution Factor : 1
Date & Time Acquired : 2025-12-03 11:27:19 DataFile Name : 022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.02	0.02	0.02	0.02	7.78	ppb
Vanadium	51-2	0.04	0.03	0.03	0.03	19.33	ppb
Yttrium	89-1				102		%
Yttrium	89-2				101		%
Zinc	66-2	0.25	0.18	0.37	0.27	35.65	ppb
Zirconium	90-1	0.07	0.06	0.06	0.06	4.30	ppb
Zirconium	91-1	0.05	0.04	0.05	0.05	17.71	ppb

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : CRI Instrumnet Name : P7
Client Sample ID : CRI Dilution Factor : 1
Date & Time Acquired : 2025-12-03 11:42:43 DataFile Name : 025LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22.86	22.43	22.17	22.49	1.54	ppb
Antimony	121-1	2.00	2.17	2.15	2.11	4.42	ppb
Arsenic	75-2	1.09	1.17	1.23	1.16	5.68	ppb
Barium	135-1	9.57	9.61	9.74	9.64	0.91	ppb
Barium	137-1	9.27	9.59	9.86	9.58	3.08	ppb
Beryllium	9-1	1.14	1.09	1.04	1.09	4.61	ppb
Bismuth	209-1				102		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.06	1.09	1.33	1.16	12.72	ppb
Cadmium	106-1	-1.86	-2.23	-1.59	-1.89		ppb
Cadmium	111-1	0.75	0.82	0.85	0.80	6.49	ppb
Calcium	43-1	502.03	475.65	500.99	492.89	3.03	ppb
Calcium	44-1	507.87	519.35	511.88	513.04	1.14	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.05	1.98	2.06	2.03	2.04	ppb
Cobalt	59-2	1.07	1.04	1.11	1.07	3.23	ppb
Copper	63-2	1.99	2.03	2.06	2.02	1.63	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				101		%
Indium	115-1				102		%
Indium	115-2				100		%
Iron	56-2	55.80	55.28	56.22	55.77	0.85	ppb
Iron	57-2	57.55	59.36	57.50	58.14	1.83	ppb
Iron	54-2	57.71	55.83	56.23	56.59	1.75	ppb
Krypton	83-1						cps

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : CRI Instrumnet Name : P7
Client Sample ID : CRI Dilution Factor : 1
Date & Time Acquired : 2025-12-03 11:42:43 DataFile Name : 025LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.96	0.93	0.93	0.94	1.54	ppb
Lead	207-1	0.91	0.98	0.90	0.93	4.98	ppb
Lead	208-1	0.93	0.97	0.92	0.94	2.68	ppb
Lithium	6-1				100		%
Magnesium	24-2	467.56	476.88	479.67	474.70	1.34	ppb
Manganese	55-2	1.25	1.21	1.12	1.19	5.43	ppb
Molybdenum	94-1	5.81	6.06	5.83	5.90	2.36	ppb
Molybdenum	95-1	4.74	5.10	4.95	4.93	3.65	ppb
Molybdenum	96-1	5.13	5.14	4.88	5.05	2.89	ppb
Molybdenum	97-1	4.92	5.13	4.94	5.00	2.35	ppb
Molybdenum	98-1	4.92	5.12	4.85	4.96	2.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.81	0.91	0.96	0.89	8.57	ppb
Phosphorus	31-2	834.41	1185.13	825.21	948.25	21.64	ppb
Potassium	39-2	501.15	501.98	511.66	504.93	1.16	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				98		%
Scandium	45-2				96		%
Selenium	82-1	5.95	6.61	6.40	6.32	5.29	ppb
Selenium	77-2	7.00	4.07	5.85	5.64	26.15	ppb
Selenium	78-2	4.70	5.27	4.66	4.88	7.06	ppb
Silicon	28-1	-23.08	-23.71	-23.92	-23.57		ppb
Silver	107-1	1.08	1.07	1.11	1.09	1.70	ppb
Silver	109-1	1.05	1.09	1.12	1.09	3.25	ppb
Sodium	23-2	490.22	491.21	499.81	493.75	1.07	ppb
Strontium	86-1	0.88	1.07	1.01	0.99	10.23	ppb
Strontium	88-1	0.99	1.03	0.96	1.00	3.72	ppb
Sulfur	34-1	3084.16	2677.74	2264.81	2675.57	15.31	ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	1.06	1.08	1.04	1.06	1.95	ppb
Thallium	205-1	1.07	1.07	1.03	1.06	2.50	ppb
Tin	118-1	4.92	4.80	4.95	4.89	1.69	ppb
Titanium	47-1	5.29	5.17	4.90	5.12	3.93	ppb

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : CRI Instrumnet Name : P7
Client Sample ID : CRI Dilution Factor : 1
Date & Time Acquired : 2025-12-03 11:42:43 DataFile Name : 025LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.89	0.90	0.89	0.89	0.79	ppb
Vanadium	51-2	4.92	4.80	5.16	4.96	3.70	ppb
Yttrium	89-1				99		%
Yttrium	89-2				100		%
Zinc	66-2	5.43	5.46	5.82	5.57	3.94	ppb
Zirconium	90-1	0.99	1.08	1.02	1.03	4.25	ppb
Zirconium	91-1	0.99	1.03	0.98	1.00	2.59	ppb

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : PB170780BL Instrumnet Name : P7
Client Sample ID : PB170780BL Dilution Factor : 1
Date & Time Acquired : 2025-12-03 11:45:58 DataFile Name : 026CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.56	7.10	7.55	7.07	6.99	ppb
Antimony	121-1	0.02	0.01	0.04	0.02	65.67	ppb
Arsenic	75-2	0.00	-0.01	0.00	0.00		ppb
Barium	135-1	0.04	0.00	0.03	0.03	80.80	ppb
Barium	137-1	0.03	0.02	0.02	0.02	43.29	ppb
Beryllium	9-1	-0.01	-0.01	0.00	-0.01		ppb
Bismuth	209-1				104		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.01	0.15	0.01	0.06	137.29	ppb
Cadmium	106-1	-1.79	-2.99	-1.73	-2.17		ppb
Cadmium	111-1	-0.11	-0.21	-0.12	-0.15		ppb
Calcium	43-1	8.81	3.86	1.32	4.66	81.70	ppb
Calcium	44-1	11.19	12.68	9.22	11.03	15.74	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	0.01	-0.01	0.00		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.12	0.10	0.11	0.11	9.47	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				101		%
Indium	115-2				98		%
Iron	56-2	2.11	2.37	2.29	2.26	5.75	ppb
Iron	57-2	3.42	3.29	1.24	2.65	46.08	ppb
Iron	54-2	1.26	1.43	1.73	1.47	16.30	ppb
Krypton	83-1						cps

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : PB170780BL Instrumnet Name : P7
Client Sample ID : PB170780BL Dilution Factor : 1
Date & Time Acquired : 2025-12-03 11:45:58 DataFile Name : 026CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.07	0.06	0.08	0.07	8.32	ppb
Lead	207-1	0.07	0.06	0.05	0.06	12.39	ppb
Lead	208-1	0.06	0.07	0.06	0.06	3.45	ppb
Lithium	6-1				101		%
Magnesium	24-2	3.39	3.37	2.86	3.21	9.27	ppb
Manganese	55-2	0.16	0.22	0.19	0.19	17.66	ppb
Molybdenum	94-1	0.04	0.05	0.07	0.05	30.03	ppb
Molybdenum	95-1	0.08	0.07	0.05	0.07	21.29	ppb
Molybdenum	96-1	0.06	0.06	0.08	0.07	16.84	ppb
Molybdenum	97-1	0.11	0.08	0.11	0.10	17.63	ppb
Molybdenum	98-1	0.08	0.08	0.07	0.08	3.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.01	0.02	0.01	159.52	ppb
Phosphorus	31-2	-1777.28	-1508.38	-1442.50	-1576.05		ppb
Potassium	39-2	-3.51	2.02	4.91	1.14	374.55	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				99		%
Scandium	45-2				96		%
Selenium	82-1	0.94	-0.09	0.01	0.29	199.25	ppb
Selenium	77-2	0.00	-0.26	-0.01	-0.09		ppb
Selenium	78-2	-0.23	-0.73	-0.52	-0.49		ppb
Silicon	28-1	-24.05	-24.97	-25.42	-24.81		ppb
Silver	107-1	0.01	0.01	0.02	0.01	36.00	ppb
Silver	109-1	0.02	0.03	0.01	0.02	30.51	ppb
Sodium	23-2	11.83	11.87	12.12	11.94	1.33	ppb
Strontium	86-1	-0.05	-0.08	-0.05	-0.06		ppb
Strontium	88-1	0.00	0.01	0.00	0.00	59.23	ppb
Sulfur	34-1	1069.89	1164.13	505.21	913.08	39.03	ppb
Terbium	159-1				101		%
Terbium	159-2				98		%
Thallium	203-1	0.03	0.04	0.03	0.04	21.14	ppb
Thallium	205-1	0.04	0.04	0.05	0.04	11.38	ppb
Tin	118-1	0.06	0.03	0.02	0.03	54.74	ppb
Titanium	47-1	0.10	0.12	0.06	0.09	35.31	ppb

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : PB170780BL Instrumnet Name : P7
Client Sample ID : PB170780BL Dilution Factor : 1
Date & Time Acquired : 2025-12-03 11:45:58 DataFile Name : 026CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	79.72	ppb
Vanadium	51-2	0.01	0.00	0.01	0.01	66.15	ppb
Yttrium	89-1				100		%
Yttrium	89-2				101		%
Zinc	66-2	0.63	0.45	0.48	0.52	18.96	ppb
Zirconium	90-1	0.01	0.02	0.02	0.02	47.72	ppb
Zirconium	91-1	0.01	0.03	0.03	0.02	51.48	ppb

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : PB170780BS Instrumnet Name : P7
Client Sample ID : PB170780BS Dilution Factor : 1
Date & Time Acquired : 2025-12-03 11:49:16 DataFile Name : 027LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9768.56	9165.48	9373.40	9435.81	3.25	ppb
Antimony	121-1	516.73	505.45	494.02	505.40	2.25	ppb
Arsenic	75-2	512.26	499.17	482.23	497.89	3.02	ppb
Barium	135-1	2562.28	2468.72	2442.36	2491.12	2.53	ppb
Barium	137-1	2522.91	2460.06	2465.79	2482.92	1.40	ppb
Beryllium	9-1	459.90	490.27	499.79	483.32	4.31	ppb
Bismuth	209-1				92		%
Bismuth	209-2				89		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	511.07	498.60	491.74	500.47	1.96	ppb
Cadmium	106-1	513.76	499.65	483.86	499.09	3.00	ppb
Cadmium	111-1	508.27	499.59	489.30	499.05	1.90	ppb
Calcium	43-1	49568.62	50057.04	49538.24	49721.30	0.59	ppb
Calcium	44-1	47788.24	49440.64	48665.40	48631.42	1.70	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	518.19	489.43	492.64	500.09	3.15	ppb
Cobalt	59-2	516.46	498.27	494.55	503.09	2.33	ppb
Copper	63-2	5209.80	4906.92	4945.03	5020.58	3.29	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				92		%
Holmium	165-2				91		%
Indium	115-1				87		%
Indium	115-2				84		%
Iron	56-2	26431.46	24827.36	25802.44	25687.09	3.15	ppb
Iron	57-2	27025.55	25742.35	25845.82	26204.57	2.72	ppb
Iron	54-2	26471.25	24984.76	25462.66	25639.56	2.96	ppb
Krypton	83-1						cps

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : PB170780BS Instrumnet Name : P7
Client Sample ID : PB170780BS Dilution Factor : 1
Date & Time Acquired : 2025-12-03 11:49:16 DataFile Name : 027LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2430.76	2486.38	2562.17	2493.10	2.65	ppb
Lead	207-1	2428.40	2415.42	2544.51	2462.78	2.89	ppb
Lead	208-1	2425.65	2443.84	2551.64	2473.71	2.75	ppb
Lithium	6-1				91		%
Magnesium	24-2	49674.12	45225.41	47262.89	47387.47	4.70	ppb
Manganese	55-2	5254.15	4867.02	4918.97	5013.38	4.19	ppb
Molybdenum	94-1	4681.40	4893.16	4900.08	4824.88	2.58	ppb
Molybdenum	95-1	4778.14	4957.44	4951.53	4895.70	2.08	ppb
Molybdenum	96-1	4809.37	5012.84	4898.98	4907.06	2.08	ppb
Molybdenum	97-1	4771.67	4876.88	4919.30	4855.95	1.57	ppb
Molybdenum	98-1	4800.19	4847.44	4946.98	4864.87	1.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	510.16	490.63	484.91	495.24	2.67	ppb
Phosphorus	31-2	9641.20	9491.84	9200.25	9444.43	2.37	ppb
Potassium	39-2	24822.85	23160.73	23461.89	23815.16	3.72	ppb
Rhodium	103-1				87		%
Rhodium	103-2				86		%
Scandium	45-1				87		%
Scandium	45-2				85		%
Selenium	82-1	490.25	501.48	510.85	500.86	2.06	ppb
Selenium	77-2	537.25	521.79	489.22	516.09	4.75	ppb
Selenium	78-2	529.43	507.77	486.94	508.05	4.18	ppb
Silicon	28-1	491.01	497.00	495.06	494.36	0.62	ppb
Silver	107-1	516.33	501.14	500.58	506.01	1.77	ppb
Silver	109-1	517.67	506.22	504.36	509.42	1.41	ppb
Sodium	23-2	51720.17	47156.84	47675.92	48850.98	5.11	ppb
Strontium	86-1	478.84	486.89	489.92	485.22	1.18	ppb
Strontium	88-1	480.81	492.01	484.87	485.90	1.17	ppb
Sulfur	34-1	14646.48	11991.82	11550.96	12729.75	13.15	ppb
Terbium	159-1				90		%
Terbium	159-2				89		%
Thallium	203-1	474.69	497.57	508.49	493.58	3.49	ppb
Thallium	205-1	491.59	507.15	520.15	506.30	2.82	ppb
Tin	118-1	508.86	490.25	496.95	498.69	1.89	ppb
Titanium	47-1	4826.71	4984.06	4923.73	4911.50	1.62	ppb

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : PB170780BS Instrumnet Name : P7
Client Sample ID : PB170780BS Dilution Factor : 1
Date & Time Acquired : 2025-12-03 11:49:16 DataFile Name : 027LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	469.76	480.10	486.11	478.66	1.73	ppb
Vanadium	51-2	511.69	481.40	483.84	492.31	3.42	ppb
Yttrium	89-1				88		%
Yttrium	89-2				86		%
Zinc	66-2	5313.63	4988.17	5079.27	5127.02	3.27	ppb
Zirconium	90-1	491.55	491.02	493.25	491.94	0.24	ppb
Zirconium	91-1	477.31	487.93	484.44	483.23	1.12	ppb

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : Q3743-01DLX5 Instrumnet Name : P7
Client Sample ID : TW-1125-1DL Dilution Factor : 5
Date & Time Acquired : 2025-12-03 11:52:02 DataFile Name : 028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	31621.24	31216.84	30947.16	31261.75	1.09	ppb
Antimony	121-1	0.88	0.84	0.84	0.85	3.07	ppb
Arsenic	75-2	65.17	65.25	63.54	64.65	1.49	ppb
Barium	135-1	450.44	461.88	447.28	453.20	1.69	ppb
Barium	137-1	450.79	454.22	448.59	451.20	0.63	ppb
Beryllium	9-1	2.95	3.14	3.03	3.04	3.01	ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	4.47	3.78	4.14	4.13	8.44	ppb
Cadmium	106-1	3.35	2.58	1.25	2.39	44.42	ppb
Cadmium	111-1	3.45	3.50	3.47	3.47	0.71	ppb
Calcium	43-1	28615.70	30009.07	29535.72	29386.83	2.41	ppb
Calcium	44-1	28402.18	29096.11	28964.13	28820.81	1.28	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	516.76	510.72	506.87	511.45	0.97	ppb
Cobalt	59-2	42.44	41.44	41.90	41.93	1.19	ppb
Copper	63-2	193.44	189.59	190.32	191.12	1.07	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				100		%
Indium	115-1				98		%
Indium	115-2				97		%
Iron	56-2	91668.24	91014.68	88460.27	90381.06	1.88	ppb
Iron	57-2	87983.40	87964.88	88265.72	88071.33	0.19	ppb
Iron	54-2	91089.67	87160.05	89416.96	89222.23	2.21	ppb
Krypton	83-1						cps

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : Q3743-01DLX5 Instrumnet Name : P7
Client Sample ID : TW-1125-1DL Dilution Factor : 5
Date & Time Acquired : 2025-12-03 11:52:02 DataFile Name : 028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	473.95	492.87	481.01	482.61	1.98	ppb
Lead	207-1	436.56	442.96	445.36	441.62	1.03	ppb
Lead	208-1	465.67	475.16	477.50	472.78	1.32	ppb
Lithium	6-1				101		%
Magnesium	24-2	19408.43	19089.09	19126.44	19207.99	0.91	ppb
Manganese	55-2	2859.01	2749.80	2769.58	2792.80	2.08	ppb
Molybdenum	94-1	14.46	14.47	14.51	14.48	0.18	ppb
Molybdenum	95-1	4.20	4.22	4.22	4.21	0.27	ppb
Molybdenum	96-1	5.76	5.61	5.72	5.70	1.41	ppb
Molybdenum	97-1	4.16	4.15	4.09	4.13	0.94	ppb
Molybdenum	98-1	4.19	4.11	4.21	4.17	1.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	84.85	83.96	85.86	84.89	1.12	ppb
Phosphorus	31-2	30576.87	30445.43	30772.61	30598.30	0.54	ppb
Potassium	39-2	5311.04	5179.09	5181.11	5223.75	1.45	ppb
Rhodium	103-1				96		%
Rhodium	103-2				95		%
Scandium	45-1				98		%
Scandium	45-2				97		%
Selenium	82-1	2.95	3.07	2.76	2.93	5.21	ppb
Selenium	77-2	21.17	20.30	20.00	20.49	2.98	ppb
Selenium	78-2	6.06	6.12	5.20	5.79	8.85	ppb
Silicon	28-1	4571.68	4521.77	4532.37	4541.94	0.58	ppb
Silver	107-1	0.89	0.91	0.93	0.91	1.93	ppb
Silver	109-1	0.90	0.91	0.92	0.91	1.04	ppb
Sodium	23-2	2683.69	2683.71	2698.19	2688.53	0.31	ppb
Strontium	86-1	130.77	135.03	133.09	132.96	1.61	ppb
Strontium	88-1	128.63	131.12	134.68	131.48	2.31	ppb
Sulfur	34-1	16226.28	16160.04	15800.57	16062.29	1.43	ppb
Terbium	159-1				101		%
Terbium	159-2				98		%
Thallium	203-1	0.83	0.77	0.77	0.79	3.88	ppb
Thallium	205-1	0.80	0.86	0.83	0.83	3.91	ppb
Tin	118-1	4.03	3.99	4.13	4.05	1.76	ppb
Titanium	47-1	764.65	781.62	773.96	773.41	1.10	ppb

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : Q3743-01DLX5 Instrumnet Name : P7
Client Sample ID : TW-1125-1DL Dilution Factor : 5
Date & Time Acquired : 2025-12-03 11:52:02 DataFile Name : 028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	4.59	4.70	4.71	4.67	1.43	ppb
Vanadium	51-2	74.79	74.05	72.22	73.69	1.80	ppb
Yttrium	89-1				106		%
Yttrium	89-2				107		%
Zinc	66-2	1197.75	1180.64	1188.75	1189.05	0.72	ppb
Zirconium	90-1	6.34	6.31	6.20	6.28	1.20	ppb
Zirconium	91-1	6.41	6.16	6.23	6.27	2.04	ppb

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : Q3743-02DLX5 Instrumnet Name : P7
Client Sample ID : TW-1125-2DL Dilution Factor : 5
Date & Time Acquired : 2025-12-03 11:55:10 DataFile Name : 029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9677.60	9792.61	9723.20	9731.13	0.60	ppb
Antimony	121-1	0.60	0.63	0.65	0.63	3.70	ppb
Arsenic	75-2	62.28	62.36	61.47	62.04	0.80	ppb
Barium	135-1	180.22	176.89	182.72	179.94	1.63	ppb
Barium	137-1	175.50	177.20	182.97	178.56	2.19	ppb
Beryllium	9-1	0.92	1.07	1.03	1.01	7.96	ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.75	2.05	2.02	1.94	8.46	ppb
Cadmium	106-1	-0.40	-1.72	0.24	-0.62		ppb
Cadmium	111-1	1.63	1.51	1.52	1.55	4.37	ppb
Calcium	43-1	26562.41	27422.42	26789.24	26924.69	1.66	ppb
Calcium	44-1	25565.74	27025.35	26066.21	26219.10	2.83	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	278.69	281.12	281.87	280.56	0.59	ppb
Cobalt	59-2	29.05	28.85	29.03	28.98	0.39	ppb
Copper	63-2	91.89	92.54	93.04	92.49	0.62	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				101		%
Indium	115-1				99		%
Indium	115-2				98		%
Iron	56-2	39924.63	40346.87	39994.58	40088.69	0.56	ppb
Iron	57-2	39376.99	40103.09	39830.35	39770.14	0.92	ppb
Iron	54-2	39663.77	39927.53	39414.96	39668.75	0.65	ppb
Krypton	83-1						cps

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : Q3743-02DLX5 Instrumnet Name : P7
Client Sample ID : TW-1125-2DL Dilution Factor : 5
Date & Time Acquired : 2025-12-03 11:55:10 DataFile Name : 029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	226.70	226.59	229.12	227.47	0.63	ppb
Lead	207-1	211.57	212.54	215.88	213.33	1.06	ppb
Lead	208-1	216.30	224.26	220.08	220.21	1.81	ppb
Lithium	6-1				102		%
Magnesium	24-2	12820.76	12920.60	12811.26	12850.87	0.47	ppb
Manganese	55-2	929.95	967.07	950.27	949.09	1.96	ppb
Molybdenum	94-1	3.47	3.58	3.36	3.47	3.11	ppb
Molybdenum	95-1	0.65	0.65	0.61	0.64	3.55	ppb
Molybdenum	96-1	1.15	1.16	1.10	1.14	2.77	ppb
Molybdenum	97-1	0.69	0.65	0.69	0.68	3.38	ppb
Molybdenum	98-1	0.69	0.70	0.66	0.68	3.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	35.77	36.56	35.75	36.03	1.29	ppb
Phosphorus	31-2	14772.47	14618.22	14640.16	14676.95	0.57	ppb
Potassium	39-2	3381.96	3363.46	3372.53	3372.65	0.27	ppb
Rhodium	103-1				97		%
Rhodium	103-2				97		%
Scandium	45-1				98		%
Scandium	45-2				97		%
Selenium	82-1	1.91	1.31	1.98	1.73	21.36	ppb
Selenium	77-2	5.83	5.84	8.92	6.86	25.99	ppb
Selenium	78-2	3.30	2.33	1.82	2.48	30.35	ppb
Silicon	28-1	2373.15	2488.46	2440.88	2434.17	2.38	ppb
Silver	107-1	0.58	0.61	0.65	0.61	5.63	ppb
Silver	109-1	0.64	0.61	0.64	0.63	2.38	ppb
Sodium	23-2	6475.63	6524.65	6619.23	6539.84	1.12	ppb
Strontium	86-1	110.19	109.44	108.70	109.45	0.68	ppb
Strontium	88-1	107.79	109.05	109.82	108.89	0.94	ppb
Sulfur	34-1	266.42	-101.02	-1048.73	-294.45		ppb
Terbium	159-1				100		%
Terbium	159-2				98		%
Thallium	203-1	0.37	0.41	0.41	0.39	5.54	ppb
Thallium	205-1	0.42	0.43	0.44	0.43	1.67	ppb
Tin	118-1	3.87	4.08	4.04	3.99	2.83	ppb
Titanium	47-1	213.53	216.37	212.03	213.98	1.03	ppb

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : Q3743-02DLX5 Instrumnet Name : P7
Client Sample ID : TW-1125-2DL Dilution Factor : 5
Date & Time Acquired : 2025-12-03 11:55:10 DataFile Name : 029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.50	1.45	1.57	1.51	4.04	ppb
Vanadium	51-2	18.92	18.83	18.94	18.90	0.33	ppb
Yttrium	89-1				101		%
Yttrium	89-2				102		%
Zinc	66-2	703.44	698.19	707.19	702.94	0.64	ppb
Zirconium	90-1	1.67	1.69	1.69	1.68	0.55	ppb
Zirconium	91-1	1.77	1.71	1.70	1.73	2.35	ppb

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : Q3743-02DUPDLX5 Instrumnet Name : P7
Client Sample ID : TW-1125-2DUPDL Dilution Factor : 5
Date & Time Acquired : 2025-12-03 11:58:17 DataFile Name : 030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9668.16	10790.14	10092.31	10183.54	5.56	ppb
Antimony	121-1	0.55	0.50	0.57	0.54	6.63	ppb
Arsenic	75-2	60.83	68.65	64.08	64.52	6.09	ppb
Barium	135-1	180.62	176.73	182.60	179.99	1.66	ppb
Barium	137-1	178.72	176.98	182.52	179.41	1.58	ppb
Beryllium	9-1	1.00	1.01	1.02	1.01	0.96	ppb
Bismuth	209-1				101		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.64	1.69	2.17	1.83	15.83	ppb
Cadmium	106-1	0.64	1.39	0.07	0.70	94.84	ppb
Cadmium	111-1	1.74	1.59	1.66	1.66	4.71	ppb
Calcium	43-1	26766.72	26804.01	27165.25	26911.99	0.82	ppb
Calcium	44-1	26438.27	25718.10	26836.36	26330.91	2.15	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	282.33	310.76	285.25	292.78	5.34	ppb
Cobalt	59-2	28.98	31.80	29.33	30.04	5.12	ppb
Copper	63-2	92.80	101.48	93.12	95.80	5.14	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				100		%
Indium	115-1				98		%
Indium	115-2				95		%
Iron	56-2	39758.80	44194.40	40466.14	41473.11	5.75	ppb
Iron	57-2	40136.39	43124.69	39396.79	40885.96	4.83	ppb
Iron	54-2	40178.79	44530.35	40439.24	41716.13	5.85	ppb
Krypton	83-1						cps

LB Number : LB138105 Operator : Jaswal
 Lab Sample ID : Q3743-02DUPDLX5 Instrumnet Name : P7
 Client Sample ID : TW-1125-2DUPDL Dilution Factor : 5
 Date & Time Acquired : 2025-12-03 11:58:17 DataFile Name : 030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	230.05	229.32	234.90	231.42	1.31	ppb
Lead	207-1	215.90	215.23	215.82	215.65	0.17	ppb
Lead	208-1	221.13	227.15	232.55	226.94	2.52	ppb
Lithium	6-1				102		%
Magnesium	24-2	12643.61	14245.94	12664.76	13184.77	6.97	ppb
Manganese	55-2	954.26	1065.40	954.35	991.34	6.47	ppb
Molybdenum	94-1	3.41	3.48	3.59	3.49	2.69	ppb
Molybdenum	95-1	0.62	0.63	0.62	0.62	1.07	ppb
Molybdenum	96-1	1.15	1.15	1.16	1.15	0.77	ppb
Molybdenum	97-1	0.57	0.64	0.68	0.63	8.72	ppb
Molybdenum	98-1	0.62	0.60	0.63	0.62	2.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	37.04	40.33	36.70	38.02	5.28	ppb
Phosphorus	31-2	15231.30	16700.16	14927.48	15619.65	6.07	ppb
Potassium	39-2	3370.32	3757.35	3434.43	3520.70	5.89	ppb
Rhodium	103-1				98		%
Rhodium	103-2				95		%
Scandium	45-1				100		%
Scandium	45-2				95		%
Selenium	82-1	1.85	1.03	1.35	1.41	29.35	ppb
Selenium	77-2	8.60	9.16	8.79	8.85	3.23	ppb
Selenium	78-2	4.04	4.99	1.47	3.50	52.08	ppb
Silicon	28-1	2413.94	2446.41	2473.12	2444.49	1.21	ppb
Silver	107-1	0.61	0.62	0.61	0.61	0.29	ppb
Silver	109-1	0.56	0.63	0.62	0.61	6.18	ppb
Sodium	23-2	6423.71	7177.97	6408.88	6670.19	6.59	ppb
Strontium	86-1	111.23	109.40	111.46	110.70	1.02	ppb
Strontium	88-1	113.63	111.23	110.85	111.90	1.35	ppb
Sulfur	34-1	-18.44	-1208.85	-319.39	-515.56		ppb
Terbium	159-1				101		%
Terbium	159-2				96		%
Thallium	203-1	0.45	0.42	0.40	0.42	5.76	ppb
Thallium	205-1	0.44	0.44	0.44	0.44	0.37	ppb
Tin	118-1	4.12	3.99	4.08	4.07	1.76	ppb
Titanium	47-1	214.12	211.33	216.38	213.94	1.18	ppb

LB Number : LB138105 Operator : Jaswal
 Lab Sample ID : Q3743-02DUPDLX5 Instrumnet Name : P7
 Client Sample ID : TW-1125-2DUPDL Dilution Factor : 5
 Date & Time Acquired : 2025-12-03 11:58:17 DataFile Name : 030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.48	1.51	1.53	1.51	1.77	ppb
Vanadium	51-2	18.78	20.74	19.00	19.51	5.50	ppb
Yttrium	89-1				101		%
Yttrium	89-2				100		%
Zinc	66-2	703.81	774.16	707.57	728.52	5.43	ppb
Zirconium	90-1	1.71	1.79	1.76	1.75	2.25	ppb
Zirconium	91-1	1.69	1.70	1.73	1.71	1.22	ppb

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : Q3743-02LDLX25 Instrumnet Name : P7
Client Sample ID : TW-1125-2LDL Dilution Factor : 25
Date & Time Acquired : 2025-12-03 12:01:25 DataFile Name : 031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1913.33	1949.88	1928.50	1930.57	0.95	ppb
Antimony	121-1	0.14	0.14	0.15	0.14	3.83	ppb
Arsenic	75-2	12.47	13.09	13.20	12.92	3.06	ppb
Barium	135-1	38.02	35.48	36.74	36.74	3.46	ppb
Barium	137-1	36.63	35.64	36.84	36.37	1.76	ppb
Beryllium	9-1	0.18	0.22	0.16	0.19	17.63	ppb
Bismuth	209-1				102		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.42	0.43	0.44	0.43	2.32	ppb
Cadmium	106-1	-0.06	-1.95	-2.21	-1.41		ppb
Cadmium	111-1	0.30	0.21	0.16	0.23	31.02	ppb
Calcium	43-1	5443.42	5418.48	5436.58	5432.83	0.24	ppb
Calcium	44-1	5453.20	5376.87	5377.84	5402.64	0.81	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	56.18	57.18	56.39	56.58	0.93	ppb
Cobalt	59-2	5.86	6.04	6.05	5.98	1.81	ppb
Copper	63-2	18.47	19.18	19.06	18.91	2.01	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				101		%
Indium	115-2				98		%
Iron	56-2	7863.22	8182.37	7931.75	7992.45	2.10	ppb
Iron	57-2	8020.15	8279.10	8271.79	8190.35	1.80	ppb
Iron	54-2	8206.25	8292.21	8340.43	8279.63	0.82	ppb
Krypton	83-1						cps

LB Number : LB138105 Operator : Jaswal
 Lab Sample ID : Q3743-02LDLX25 Instrumnet Name : P7
 Client Sample ID : TW-1125-2LDL Dilution Factor : 25
 Date & Time Acquired : 2025-12-03 12:01:25 DataFile Name : 031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	45.76	45.17	45.51	45.48	0.66	ppb
Lead	207-1	43.31	42.74	42.58	42.88	0.89	ppb
Lead	208-1	43.70	43.63	44.17	43.83	0.67	ppb
Lithium	6-1				101		%
Magnesium	24-2	2527.00	2557.78	2555.88	2546.89	0.68	ppb
Manganese	55-2	186.13	194.08	189.55	189.92	2.10	ppb
Molybdenum	94-1	0.80	0.75	0.77	0.77	3.40	ppb
Molybdenum	95-1	0.18	0.23	0.22	0.21	12.16	ppb
Molybdenum	96-1	0.29	0.30	0.33	0.30	7.65	ppb
Molybdenum	97-1	0.23	0.22	0.21	0.22	4.80	ppb
Molybdenum	98-1	0.23	0.20	0.21	0.21	5.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	7.51	7.42	7.13	7.35	2.69	ppb
Phosphorus	31-2	1188.95	1937.81	1518.56	1548.44	24.24	ppb
Potassium	39-2	679.29	690.96	689.79	686.68	0.94	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				99		%
Scandium	45-2				97		%
Selenium	82-1	0.99	0.33	0.22	0.51	81.71	ppb
Selenium	77-2	1.78	1.84	1.28	1.64	18.76	ppb
Selenium	78-2	0.67	0.10	1.36	0.71	88.49	ppb
Silicon	28-1	479.48	486.11	490.97	485.52	1.19	ppb
Silver	107-1	0.13	0.12	0.14	0.13	4.95	ppb
Silver	109-1	0.14	0.13	0.14	0.14	1.47	ppb
Sodium	23-2	1272.98	1294.08	1289.55	1285.54	0.86	ppb
Strontium	86-1	22.25	21.67	22.23	22.05	1.50	ppb
Strontium	88-1	22.39	22.28	22.67	22.45	0.89	ppb
Sulfur	34-1	-6933.42	-6972.94	-6735.11	-6880.49		ppb
Terbium	159-1				99		%
Terbium	159-2				100		%
Thallium	203-1	0.10	0.10	0.10	0.10	3.06	ppb
Thallium	205-1	0.11	0.11	0.11	0.11	2.61	ppb
Tin	118-1	0.86	0.77	0.81	0.81	5.29	ppb
Titanium	47-1	43.48	44.15	44.09	43.91	0.84	ppb

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : Q3743-02LDLX25 Instrumnet Name : P7
Client Sample ID : TW-1125-2LDL Dilution Factor : 25
Date & Time Acquired : 2025-12-03 12:01:25 DataFile Name : 031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.30	0.30	0.29	0.30	1.26	ppb
Vanadium	51-2	3.75	3.79	3.83	3.79	1.08	ppb
Yttrium	89-1				99		%
Yttrium	89-2				101		%
Zinc	66-2	142.44	146.25	143.94	144.21	1.33	ppb
Zirconium	90-1	0.36	0.35	0.35	0.35	1.18	ppb
Zirconium	91-1	0.32	0.31	0.39	0.34	13.66	ppb

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : Q3743-02MSDLX5 Instrumnet Name : P7
Client Sample ID : TW-1125-2MSDL Dilution Factor : 5
Date & Time Acquired : 2025-12-03 12:04:40 DataFile Name : 032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10950.62	11290.01	11310.33	11183.65	1.81	ppb
Antimony	121-1	90.17	94.70	92.88	92.58	2.46	ppb
Arsenic	75-2	145.81	148.81	153.27	149.29	2.51	ppb
Barium	135-1	572.92	602.87	590.48	588.76	2.56	ppb
Barium	137-1	573.30	601.64	588.94	587.96	2.41	ppb
Beryllium	9-1	92.54	90.60	96.54	93.22	3.25	ppb
Bismuth	209-1				99		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	90.25	97.31	95.01	94.19	3.82	ppb
Cadmium	106-1	92.47	97.96	97.95	96.12	3.29	ppb
Cadmium	111-1	94.49	98.93	97.78	97.06	2.37	ppb
Calcium	43-1	33983.52	35268.40	34732.49	34661.47	1.86	ppb
Calcium	44-1	32580.78	34434.81	33829.47	33615.02	2.81	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	358.20	361.92	358.51	359.54	0.57	ppb
Cobalt	59-2	119.02	120.81	120.42	120.08	0.79	ppb
Copper	63-2	943.64	937.98	948.04	943.22	0.53	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				101		%
Holmium	165-2				101		%
Indium	115-1				97		%
Indium	115-2				94		%
Iron	56-2	43662.98	43679.56	42146.65	43163.06	2.04	ppb
Iron	57-2	42084.16	43047.12	43403.20	42844.82	1.59	ppb
Iron	54-2	42490.33	43728.91	43661.79	43293.68	1.61	ppb
Krypton	83-1						cps

LB Number : LB138105 Operator : Jaswal
 Lab Sample ID : Q3743-02MSDLX5 Instrumnet Name : P7
 Client Sample ID : TW-1125-2MSDL Dilution Factor : 5
 Date & Time Acquired : 2025-12-03 12:04:40 DataFile Name : 032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	670.66	703.29	697.50	690.49	2.52	ppb
Lead	207-1	666.50	695.36	684.65	682.17	2.14	ppb
Lead	208-1	663.55	703.69	684.87	684.04	2.94	ppb
Lithium	6-1				96		%
Magnesium	24-2	20826.27	21158.68	21071.61	21018.85	0.82	ppb
Manganese	55-2	1732.80	1788.61	1744.41	1755.28	1.68	ppb
Molybdenum	94-1	394.69	412.63	414.71	407.35	2.70	ppb
Molybdenum	95-1	299.10	309.93	315.21	308.08	2.67	ppb
Molybdenum	96-1	310.70	325.22	332.54	322.82	3.44	ppb
Molybdenum	97-1	303.30	320.50	323.27	315.69	3.43	ppb
Molybdenum	98-1	301.18	316.07	323.11	313.45	3.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	126.76	126.09	126.79	126.55	0.31	ppb
Phosphorus	31-2	14393.80	14509.33	14388.63	14430.59	0.47	ppb
Potassium	39-2	7364.86	7222.48	7266.65	7284.66	1.00	ppb
Rhodium	103-1				95		%
Rhodium	103-2				96		%
Scandium	45-1				97		%
Scandium	45-2				95		%
Selenium	82-1	91.06	93.79	93.66	92.84	1.66	ppb
Selenium	77-2	99.84	97.99	104.49	100.77	3.32	ppb
Selenium	78-2	93.36	92.59	95.88	93.95	1.83	ppb
Silicon	28-1	2431.81	2467.31	2433.04	2444.05	0.82	ppb
Silver	107-1	15.06	15.97	16.50	15.84	4.58	ppb
Silver	109-1	15.20	16.28	16.34	15.94	4.02	ppb
Sodium	23-2	14719.78	15155.21	15282.92	15052.64	1.96	ppb
Strontium	86-1	202.86	210.86	213.80	209.17	2.71	ppb
Strontium	88-1	206.27	210.35	212.16	209.59	1.44	ppb
Sulfur	34-1	-693.11	44.65	-338.80	-329.08		ppb
Terbium	159-1				97		%
Terbium	159-2				98		%
Thallium	203-1	82.36	88.21	87.27	85.95	3.65	ppb
Thallium	205-1	84.36	88.62	87.07	86.68	2.49	ppb
Tin	118-1	82.17	87.27	87.15	85.53	3.40	ppb
Titanium	47-1	204.37	213.04	207.45	208.29	2.11	ppb

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : Q3743-02MSDLX5 Instrumnet Name : P7
Client Sample ID : TW-1125-2MSDL Dilution Factor : 5
Date & Time Acquired : 2025-12-03 12:04:40 DataFile Name : 032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	79.61	84.77	82.70	82.36	3.15	ppb
Vanadium	51-2	110.49	111.50	111.33	111.11	0.49	ppb
Yttrium	89-1				100		%
Yttrium	89-2				102		%
Zinc	66-2	1535.94	1536.15	1539.73	1537.27	0.14	ppb
Zirconium	90-1	84.00	87.81	88.31	86.71	2.72	ppb
Zirconium	91-1	83.47	86.51	87.35	85.78	2.38	ppb

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : Q3743-02MSDDLX5 Instrumnet Name : P7
Client Sample ID : TW-1125-2MSDDL Dilution Factor : 5
Date & Time Acquired : 2025-12-03 12:07:42 DataFile Name : 033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11349.98	11876.04	11168.10	11464.71	3.21	ppb
Antimony	121-1	92.72	90.91	93.65	92.42	1.51	ppb
Arsenic	75-2	151.90	156.38	149.72	152.67	2.22	ppb
Barium	135-1	582.10	576.70	595.68	584.82	1.67	ppb
Barium	137-1	579.25	572.80	591.57	581.21	1.64	ppb
Beryllium	9-1	94.44	93.93	95.19	94.52	0.67	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	91.02	93.42	92.88	92.44	1.36	ppb
Cadmium	106-1	93.48	86.97	95.90	92.12	5.01	ppb
Cadmium	111-1	96.57	93.88	97.44	95.96	1.94	ppb
Calcium	43-1	34527.71	36004.52	36197.91	35576.71	2.57	ppb
Calcium	44-1	33634.64	34694.74	35158.85	34496.08	2.26	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	367.46	369.75	356.46	364.55	1.95	ppb
Cobalt	59-2	121.71	122.83	119.28	121.27	1.49	ppb
Copper	63-2	966.27	975.99	929.05	957.11	2.59	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				98		%
Iron	56-2	42851.06	43813.59	43127.55	43264.07	1.15	ppb
Iron	57-2	43307.82	44018.36	43244.71	43523.63	0.99	ppb
Iron	54-2	43115.15	44543.33	42296.50	43318.33	2.63	ppb
Krypton	83-1						cps

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : Q3743-02MSDDLX5 Instrumnet Name : P7
Client Sample ID : TW-1125-2MSDDL Dilution Factor : 5
Date & Time Acquired : 2025-12-03 12:07:42 DataFile Name : 033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	689.76	701.58	699.75	697.03	0.91	ppb
Lead	207-1	652.36	709.86	699.67	687.30	4.46	ppb
Lead	208-1	664.41	693.98	699.90	686.10	2.77	ppb
Lithium	6-1				98		%
Magnesium	24-2	21379.56	21317.54	20902.11	21199.74	1.22	ppb
Manganese	55-2	1808.30	1797.39	1787.60	1797.76	0.58	ppb
Molybdenum	94-1	413.69	420.30	416.45	416.82	0.80	ppb
Molybdenum	95-1	311.57	315.60	311.04	312.73	0.80	ppb
Molybdenum	96-1	324.54	329.95	326.40	326.96	0.84	ppb
Molybdenum	97-1	317.33	324.07	319.99	320.46	1.06	ppb
Molybdenum	98-1	312.56	316.21	315.13	314.63	0.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	130.22	130.30	125.74	128.75	2.03	ppb
Phosphorus	31-2	14170.40	15011.73	14379.89	14520.68	3.02	ppb
Potassium	39-2	7538.29	7603.78	7292.02	7478.03	2.20	ppb
Rhodium	103-1				97		%
Rhodium	103-2				98		%
Scandium	45-1				99		%
Scandium	45-2				97		%
Selenium	82-1	95.81	97.25	96.21	96.42	0.77	ppb
Selenium	77-2	101.56	96.19	95.61	97.79	3.36	ppb
Selenium	78-2	101.91	100.46	95.48	99.28	3.40	ppb
Silicon	28-1	2402.65	2547.97	2517.87	2489.50	3.08	ppb
Silver	107-1	15.66	15.56	15.91	15.71	1.17	ppb
Silver	109-1	15.80	15.92	15.96	15.89	0.53	ppb
Sodium	23-2	15406.13	15476.15	15054.92	15312.40	1.47	ppb
Strontium	86-1	207.55	212.35	211.88	210.60	1.26	ppb
Strontium	88-1	209.54	211.22	213.11	211.29	0.85	ppb
Sulfur	34-1	-1226.75	-1671.03	-1994.66	-1630.81		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	83.58	86.36	87.26	85.73	2.24	ppb
Thallium	205-1	84.01	88.23	89.49	87.24	3.29	ppb
Tin	118-1	85.39	84.05	86.62	85.35	1.51	ppb
Titanium	47-1	207.17	215.20	215.74	212.70	2.26	ppb

LB Number : LB138105 Operator : Jaswal
 Lab Sample ID : Q3743-02MSDDLX5 Instrumnet Name : P7
 Client Sample ID : TW-1125-2MSDDL Dilution Factor : 5
 Date & Time Acquired : 2025-12-03 12:07:42 DataFile Name : 033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	80.79	85.15	85.93	83.96	3.30	ppb
Vanadium	51-2	112.86	112.53	109.72	111.70	1.54	ppb
Yttrium	89-1				103		%
Yttrium	89-2				103		%
Zinc	66-2	1581.06	1578.29	1529.65	1563.00	1.85	ppb
Zirconium	90-1	86.83	88.82	89.64	88.43	1.64	ppb
Zirconium	91-1	85.48	88.73	88.45	87.56	2.06	ppb

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : Q3743-02ADLX5 Instrumnet Name : P7
Client Sample ID : TW-1125-2ADL Dilution Factor : 5
Date & Time Acquired : 2025-12-03 12:10:41 DataFile Name : 034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11490.82	11561.37	11849.61	11633.93	1.63	ppb
Antimony	121-1	91.97	94.77	97.14	94.63	2.73	ppb
Arsenic	75-2	153.43	148.82	156.38	152.88	2.49	ppb
Barium	135-1	580.11	603.88	611.52	598.50	2.74	ppb
Barium	137-1	576.83	593.99	605.06	591.96	2.40	ppb
Beryllium	9-1	89.94	96.35	94.12	93.47	3.48	ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	93.84	93.40	98.24	95.16	2.81	ppb
Cadmium	106-1	96.25	99.54	104.65	100.15	4.23	ppb
Cadmium	111-1	95.23	99.54	101.08	98.62	3.08	ppb
Calcium	43-1	35613.90	35797.63	36887.23	36099.59	1.91	ppb
Calcium	44-1	35124.98	34856.46	35794.01	35258.49	1.37	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	371.96	373.98	375.24	373.73	0.44	ppb
Cobalt	59-2	122.49	124.29	122.98	123.25	0.75	ppb
Copper	63-2	990.05	974.36	977.24	980.55	0.85	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				103		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	56-2	44631.37	44267.60	44448.67	44449.21	0.41	ppb
Iron	57-2	43951.31	44493.71	43877.89	44107.64	0.76	ppb
Iron	54-2	43694.51	44646.39	44437.08	44259.33	1.13	ppb
Krypton	83-1						cps

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : Q3743-02ADLX5 Instrumnet Name : P7
Client Sample ID : TW-1125-2ADL Dilution Factor : 5
Date & Time Acquired : 2025-12-03 12:10:41 DataFile Name : 034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	694.99	727.75	696.97	706.57	2.60	ppb
Lead	207-1	672.06	705.55	693.81	690.47	2.46	ppb
Lead	208-1	689.18	710.78	692.03	697.33	1.68	ppb
Lithium	6-1				100		%
Magnesium	24-2	21404.04	21802.16	21882.49	21696.23	1.18	ppb
Manganese	55-2	1778.90	1838.17	1815.79	1810.95	1.65	ppb
Molybdenum	94-1	417.82	430.17	427.92	425.30	1.55	ppb
Molybdenum	95-1	319.64	324.51	323.65	322.60	0.81	ppb
Molybdenum	96-1	334.04	339.04	340.66	337.91	1.02	ppb
Molybdenum	97-1	325.77	328.18	326.71	326.89	0.37	ppb
Molybdenum	98-1	321.90	323.17	322.97	322.68	0.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	130.88	129.49	131.66	130.68	0.84	ppb
Phosphorus	31-2	14721.18	15288.85	14983.42	14997.82	1.89	ppb
Potassium	39-2	7639.88	7540.43	7609.95	7596.75	0.67	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				98		%
Selenium	82-1	94.38	100.06	98.70	97.71	3.03	ppb
Selenium	77-2	93.87	110.47	100.71	101.69	8.20	ppb
Selenium	78-2	102.88	97.00	95.87	98.58	3.82	ppb
Silicon	28-1	2494.80	2551.65	2533.94	2526.80	1.15	ppb
Silver	107-1	16.10	16.48	16.71	16.43	1.88	ppb
Silver	109-1	15.78	16.30	16.68	16.26	2.79	ppb
Sodium	23-2	15396.48	15683.90	15484.59	15521.66	0.95	ppb
Strontium	86-1	215.22	218.27	219.28	217.59	0.97	ppb
Strontium	88-1	218.81	220.73	222.70	220.75	0.88	ppb
Sulfur	34-1	-1520.31	-2696.40	-3112.53	-2443.08		ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	87.39	88.42	86.49	87.44	1.10	ppb
Thallium	205-1	87.30	89.31	87.96	88.19	1.16	ppb
Tin	118-1	85.07	87.62	90.13	87.61	2.89	ppb
Titanium	47-1	214.02	216.31	222.69	217.67	2.06	ppb

LB Number : LB138105 Operator : Jaswal
 Lab Sample ID : Q3743-02ADLX5 Instrumnet Name : P7
 Client Sample ID : TW-1125-2ADL Dilution Factor : 5
 Date & Time Acquired : 2025-12-03 12:10:41 DataFile Name : 034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	83.03	85.32	84.73	84.36	1.41	ppb
Vanadium	51-2	113.80	115.35	115.48	114.88	0.82	ppb
Yttrium	89-1				104		%
Yttrium	89-2				105		%
Zinc	66-2	1587.22	1591.90	1596.67	1591.93	0.30	ppb
Zirconium	90-1	89.12	90.61	91.73	90.49	1.45	ppb
Zirconium	91-1	90.08	91.03	91.80	90.97	0.95	ppb

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : CCV02 Instrumnet Name : P7
Client Sample ID : CCV02 Dilution Factor : 1
Date & Time Acquired : 2025-12-03 12:20:42 DataFile Name : 036CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50253.59	50565.01	50336.86	50385.15	0.32	ppb
Antimony	121-1	519.14	520.49	527.56	522.39	0.87	ppb
Arsenic	75-2	508.14	517.02	514.85	513.33	0.90	ppb
Barium	135-1	2653.30	2601.27	2626.20	2626.93	0.99	ppb
Barium	137-1	2592.28	2545.75	2682.01	2606.68	2.66	ppb
Beryllium	9-1	500.12	489.20	502.65	497.32	1.44	ppb
Bismuth	209-1				88		%
Bismuth	209-2				87		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	504.51	506.12	514.28	508.30	1.03	ppb
Cadmium	106-1	501.57	500.96	530.25	510.93	3.28	ppb
Cadmium	111-1	498.40	498.83	518.64	505.29	2.29	ppb
Calcium	43-1	245746.19	255111.01	255280.13	252045.78	2.16	ppb
Calcium	44-1	245551.76	253442.47	251773.07	250255.77	1.66	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	520.53	539.68	526.62	528.94	1.85	ppb
Cobalt	59-2	515.35	531.66	520.55	522.52	1.59	ppb
Copper	63-2	5102.48	5121.09	5016.20	5079.92	1.10	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				91		%
Holmium	165-2				92		%
Indium	115-1				87		%
Indium	115-2				85		%
Iron	56-2	128675.64	129946.76	128671.93	129098.11	0.57	ppb
Iron	57-2	126883.30	133805.08	128734.88	129807.75	2.76	ppb
Iron	54-2	128374.47	128247.17	129643.82	128755.16	0.60	ppb
Krypton	83-1						cps

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : CCV02 Instrumnet Name : P7
Client Sample ID : CCV02 Dilution Factor : 1
Date & Time Acquired : 2025-12-03 12:20:42 DataFile Name : 036CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2701.72	2625.25	2703.82	2676.93	1.67	ppb
Lead	207-1	2662.17	2609.90	2671.28	2647.79	1.25	ppb
Lead	208-1	2625.01	2571.35	2689.66	2628.68	2.25	ppb
Lithium	6-1				91		%
Magnesium	24-2	256044.89	251439.96	250188.11	252557.66	1.22	ppb
Manganese	55-2	5144.76	5276.22	5147.21	5189.40	1.45	ppb
Molybdenum	94-1	5072.23	5187.39	5156.53	5138.71	1.16	ppb
Molybdenum	95-1	5030.47	5279.99	5091.19	5133.88	2.53	ppb
Molybdenum	96-1	5232.23	5187.04	5192.27	5203.85	0.48	ppb
Molybdenum	97-1	5131.48	5191.80	5230.14	5184.47	0.96	ppb
Molybdenum	98-1	5120.55	5158.50	5331.30	5203.45	2.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	505.46	514.77	508.47	509.57	0.93	ppb
Phosphorus	31-2	9664.32	10570.60	9359.24	9864.72	6.39	ppb
Potassium	39-2	124160.52	126629.34	121153.29	123981.05	2.21	ppb
Rhodium	103-1				84		%
Rhodium	103-2				83		%
Scandium	45-1				87		%
Scandium	45-2				85		%
Selenium	82-1	471.31	482.75	482.55	478.87	1.37	ppb
Selenium	77-2	484.12	494.14	478.67	485.64	1.62	ppb
Selenium	78-2	470.79	499.36	492.43	487.53	3.06	ppb
Silicon	28-1	505.47	523.26	518.09	515.61	1.77	ppb
Silver	107-1	513.83	493.37	529.49	512.23	3.54	ppb
Silver	109-1	514.42	510.32	525.54	516.76	1.52	ppb
Sodium	23-2	257914.33	257693.35	256961.40	257523.03	0.19	ppb
Strontium	86-1	507.40	521.15	523.58	517.38	1.69	ppb
Strontium	88-1	512.78	524.65	527.32	521.58	1.48	ppb
Sulfur	34-1	11513.55	11930.74	10650.58	11364.96	5.74	ppb
Terbium	159-1				89		%
Terbium	159-2				88		%
Thallium	203-1	528.53	538.84	538.40	535.26	1.09	ppb
Thallium	205-1	549.33	540.03	545.03	544.80	0.85	ppb
Tin	118-1	526.96	515.48	537.81	526.75	2.12	ppb
Titanium	47-1	5015.59	5282.69	5188.55	5162.27	2.62	ppb

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : CCV02 Instrumnet Name : P7
Client Sample ID : CCV02 Dilution Factor : 1
Date & Time Acquired : 2025-12-03 12:20:42 DataFile Name : 036CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	520.22	534.69	529.45	528.12	1.39	ppb
Vanadium	51-2	516.43	526.04	521.37	521.28	0.92	ppb
Yttrium	89-1				88		%
Yttrium	89-2				86		%
Zinc	66-2	4926.42	5029.12	4952.64	4969.40	1.07	ppb
Zirconium	90-1	522.79	520.53	545.18	529.50	2.57	ppb
Zirconium	91-1	503.74	517.23	516.83	512.60	1.50	ppb

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : CCB02 Instrumnet Name : P7
Client Sample ID : CCB02 Dilution Factor : 1
Date & Time Acquired : 2025-12-03 12:27:34 DataFile Name : 037CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.40	3.71	3.58	3.56	4.37	ppb
Antimony	121-1	0.17	0.21	0.21	0.20	12.01	ppb
Arsenic	75-2	0.03	0.03	0.07	0.04	53.62	ppb
Barium	135-1	0.11	0.17	0.12	0.14	21.24	ppb
Barium	137-1	0.15	0.16	0.16	0.16	4.63	ppb
Beryllium	9-1	0.02	0.03	0.03	0.03	25.58	ppb
Bismuth	209-1				100		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.02	0.08	-0.02	0.01	498.01	ppb
Cadmium	106-1	-4.03	-2.66	-3.44	-3.38		ppb
Cadmium	111-1	-0.23	-0.15	-0.20	-0.20		ppb
Calcium	43-1	7.52	1.41	13.68	7.54	81.37	ppb
Calcium	44-1	31.63	30.52	41.10	34.42	16.90	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.03	0.02	0.03	0.03	21.05	ppb
Cobalt	59-2	0.04	0.04	0.03	0.04	5.04	ppb
Copper	63-2	0.43	0.42	0.38	0.41	7.02	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				101		%
Indium	115-1				99		%
Indium	115-2				98		%
Iron	56-2	10.13	11.37	10.89	10.80	5.79	ppb
Iron	57-2	12.06	13.80	10.58	12.15	13.27	ppb
Iron	54-2	9.45	10.68	12.07	10.73	12.24	ppb
Krypton	83-1						cps

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : CCB02 Instrumnet Name : P7
Client Sample ID : CCB02 Dilution Factor : 1
Date & Time Acquired : 2025-12-03 12:27:34 DataFile Name : 037CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.20	0.17	0.20	0.19	8.15	ppb
Lead	207-1	0.18	0.18	0.20	0.19	6.49	ppb
Lead	208-1	0.17	0.18	0.18	0.18	2.57	ppb
Lithium	6-1				101		%
Magnesium	24-2	15.73	14.94	16.56	15.74	5.15	ppb
Manganese	55-2	0.37	0.41	0.39	0.39	5.37	ppb
Molybdenum	94-1	0.28	0.29	0.37	0.31	14.34	ppb
Molybdenum	95-1	0.27	0.31	0.35	0.31	13.32	ppb
Molybdenum	96-1	0.29	0.35	0.35	0.33	10.37	ppb
Molybdenum	97-1	0.26	0.37	0.36	0.33	17.92	ppb
Molybdenum	98-1	0.34	0.33	0.36	0.34	4.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.07	-0.01	0.02	0.03	133.02	ppb
Phosphorus	31-2	-1848.61	-1780.60	-1822.07	-1817.09		ppb
Potassium	39-2	6.31	4.16	10.36	6.94	45.34	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				98		%
Scandium	45-2				95		%
Selenium	82-1	0.86	0.79	0.13	0.60	67.78	ppb
Selenium	77-2	0.26	-0.26	0.00	0.00		ppb
Selenium	78-2	1.04	-0.10	-0.07	0.29	226.31	ppb
Silicon	28-1	-24.94	-25.19	-24.37	-24.83		ppb
Silver	107-1	0.02	0.03	0.03	0.03	22.68	ppb
Silver	109-1	0.03	0.02	0.03	0.03	14.96	ppb
Sodium	23-2	35.54	34.67	35.44	35.22	1.35	ppb
Strontium	86-1	-0.07	-0.01	-0.01	-0.03		ppb
Strontium	88-1	0.04	0.04	0.04	0.04	4.54	ppb
Sulfur	34-1	-1488.03	-1951.61	-856.09	-1431.91		ppb
Terbium	159-1				99		%
Terbium	159-2				98		%
Thallium	203-1	0.06	0.05	0.06	0.06	8.36	ppb
Thallium	205-1	0.07	0.06	0.07	0.07	11.09	ppb
Tin	118-1	0.02	0.01	0.00	0.01	61.51	ppb
Titanium	47-1	0.26	0.23	0.29	0.26	11.48	ppb

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : CCB02 Instrumnet Name : P7
Client Sample ID : CCB02 Dilution Factor : 1
Date & Time Acquired : 2025-12-03 12:27:34 DataFile Name : 037CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.02	0.02	0.03	0.02	17.04	ppb
Vanadium	51-2	0.03	0.03	0.03	0.03	16.70	ppb
Yttrium	89-1				97		%
Yttrium	89-2				99		%
Zinc	66-2	0.38	0.36	0.51	0.42	19.55	ppb
Zirconium	90-1	0.04	0.04	0.04	0.04	6.87	ppb
Zirconium	91-1	0.04	0.04	0.05	0.05	17.78	ppb

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : Q3749-01DLX5 Instrumnet Name : P7
Client Sample ID : AUD-25-0204DL Dilution Factor : 5
Date & Time Acquired : 2025-12-03 12:51:34 DataFile Name : 038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	195.87	193.33	194.14	194.45	0.67	ppb
Antimony	121-1	14.42	14.66	14.83	14.64	1.43	ppb
Arsenic	75-2	9.27	9.32	9.84	9.48	3.34	ppb
Barium	135-1	8.50	8.84	8.73	8.69	1.95	ppb
Barium	137-1	8.64	8.61	8.61	8.62	0.19	ppb
Beryllium	9-1	0.14	0.13	0.15	0.14	7.02	ppb
Bismuth	209-1				125		%
Bismuth	209-2				128		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.45	2.03	1.74	1.74	16.79	ppb
Cadmium	106-1	-3.31	-1.95	-3.46	-2.91		ppb
Cadmium	111-1	0.92	0.97	0.93	0.94	2.64	ppb
Calcium	43-1	961.19	971.36	955.17	962.57	0.85	ppb
Calcium	44-1	1287.95	1281.73	1315.82	1295.16	1.40	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.22	4.11	4.14	4.16	1.46	ppb
Cobalt	59-2	1.42	1.37	1.39	1.39	1.91	ppb
Copper	63-2	14.06	13.92	13.86	13.95	0.76	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				132		%
Holmium	165-2				137		%
Indium	115-1				123		%
Indium	115-2				128		%
Iron	56-2	3607.70	3592.61	3421.81	3540.71	2.92	ppb
Iron	57-2	3637.54	3641.33	3581.81	3620.23	0.92	ppb
Iron	54-2	3731.60	3629.20	3603.13	3654.64	1.86	ppb
Krypton	83-1						cps

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : Q3749-01DLX5 Instrumnet Name : P7
Client Sample ID : AUD-25-0204DL Dilution Factor : 5
Date & Time Acquired : 2025-12-03 12:51:34 DataFile Name : 038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	43.85	45.48	44.07	44.47	1.99	ppb
Lead	207-1	40.72	42.24	41.45	41.47	1.83	ppb
Lead	208-1	41.91	43.15	42.54	42.53	1.45	ppb
Lithium	6-1				122		%
Magnesium	24-2	553.50	555.68	546.34	551.84	0.89	ppb
Manganese	55-2	83.74	82.58	82.29	82.87	0.92	ppb
Molybdenum	94-1	10.94	10.31	9.76	10.34	5.71	ppb
Molybdenum	95-1	8.38	8.62	8.55	8.52	1.46	ppb
Molybdenum	96-1	8.81	9.02	8.77	8.87	1.52	ppb
Molybdenum	97-1	8.30	8.95	8.58	8.61	3.76	ppb
Molybdenum	98-1	8.14	8.80	8.40	8.45	3.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.72	3.73	3.67	3.71	0.85	ppb
Phosphorus	31-2	4586802.60	4532414.00	4425498.04	4514904.88	1.82	ppb
Potassium	39-2	909870.89	901576.90	891110.09	900852.62	1.04	ppb
Rhodium	103-1				120		%
Rhodium	103-2				129		%
Scandium	45-1				124		%
Scandium	45-2				129		%
Selenium	82-1	18.06	25.37	30.06	24.50	24.70	ppb
Selenium	77-2	32.25	27.84	33.25	31.11	9.26	ppb
Selenium	78-2	27.71	31.74	31.48	30.31	7.45	ppb
Silicon	28-1	623.36	618.44	651.31	631.04	2.81	ppb
Silver	107-1	1.65	1.70	1.66	1.67	1.49	ppb
Silver	109-1	1.64	1.69	1.68	1.67	1.80	ppb
Sodium	23-2	14580.78	14597.40	14031.35	14403.18	2.24	ppb
Strontium	86-1	35.09	36.52	36.35	35.98	2.17	ppb
Strontium	88-1	35.20	36.66	35.78	35.88	2.05	ppb
Sulfur	34-1	-2850.64	-6643.48	-8315.65	-5936.59		ppb
Terbium	159-1				126		%
Terbium	159-2				133		%
Thallium	203-1	1.82	1.92	1.92	1.88	3.11	ppb
Thallium	205-1	1.94	1.99	1.92	1.95	1.91	ppb
Tin	118-1	4.31	4.59	4.52	4.47	3.28	ppb
Titanium	47-1	103.34	99.12	102.72	101.73	2.24	ppb

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : Q3749-01DLX5 Instrumnet Name : P7
Client Sample ID : AUD-25-0204DL Dilution Factor : 5
Date & Time Acquired : 2025-12-03 12:51:34 DataFile Name : 038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.05	0.04	0.05	0.05	10.86	ppb
Vanadium	51-2	1.12	1.09	1.15	1.12	2.93	ppb
Yttrium	89-1				124		%
Yttrium	89-2				133		%
Zinc	66-2	77.96	76.39	77.44	77.26	1.03	ppb
Zirconium	90-1	2.24	1.77	1.67	1.90	15.94	ppb
Zirconium	91-1	2.22	1.77	1.56	1.85	18.14	ppb

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : Q3749-01DL2X25 Instrumnet Name : P7
Client Sample ID : AUD-25-0204DL2 Dilution Factor : 25
Date & Time Acquired : 2025-12-03 12:57:32 DataFile Name : 039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	38.73	37.87	35.56	37.38	4.38	ppb
Antimony	121-1	2.85	2.77	2.75	2.79	1.79	ppb
Arsenic	75-2	1.89	1.80	1.80	1.83	2.82	ppb
Barium	135-1	1.59	1.71	1.55	1.62	4.98	ppb
Barium	137-1	1.71	1.62	1.72	1.68	3.19	ppb
Beryllium	9-1	0.00	0.03	0.03	0.02	79.78	ppb
Bismuth	209-1				115		%
Bismuth	209-2				112		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.32	0.16	0.52	0.33	54.20	ppb
Cadmium	106-1	-3.20	-5.51	-3.29	-4.00		ppb
Cadmium	111-1	0.05	-0.11	0.01	-0.02		ppb
Calcium	43-1	188.38	169.83	184.42	180.88	5.40	ppb
Calcium	44-1	332.33	321.18	334.87	329.46	2.21	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.80	0.77	0.82	0.80	2.90	ppb
Cobalt	59-2	0.25	0.27	0.28	0.26	6.47	ppb
Copper	63-2	2.85	2.97	2.93	2.92	2.06	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				116		%
Holmium	165-2				117		%
Indium	115-1				113		%
Indium	115-2				110		%
Iron	56-2	707.71	697.82	691.76	699.09	1.15	ppb
Iron	57-2	695.73	697.02	704.64	699.13	0.69	ppb
Iron	54-2	709.96	713.80	692.84	705.53	1.58	ppb
Krypton	83-1						cps

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : Q3749-01DL2X25 Instrumnet Name : P7
Client Sample ID : AUD-25-0204DL2 Dilution Factor : 25
Date & Time Acquired : 2025-12-03 12:57:32 DataFile Name : 039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	8.51	8.65	8.40	8.52	1.44	ppb
Lead	207-1	7.91	7.75	8.06	7.91	1.97	ppb
Lead	208-1	8.06	8.10	8.15	8.10	0.54	ppb
Lithium	6-1				106		%
Magnesium	24-2	106.96	103.57	104.32	104.95	1.70	ppb
Manganese	55-2	16.14	15.89	16.14	16.05	0.91	ppb
Molybdenum	94-1	1.84	1.85	1.64	1.78	6.55	ppb
Molybdenum	95-1	1.59	1.63	1.59	1.60	1.62	ppb
Molybdenum	96-1	1.60	1.61	1.69	1.64	3.05	ppb
Molybdenum	97-1	1.66	1.57	1.58	1.60	3.06	ppb
Molybdenum	98-1	1.48	1.64	1.58	1.57	4.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.74	0.85	0.79	0.80	6.90	ppb
Phosphorus	31-2	762394.58	739201.03	755094.70	752230.10	1.58	ppb
Potassium	39-2	176386.92	167610.65	172487.28	172161.62	2.55	ppb
Rhodium	103-1				111		%
Rhodium	103-2				113		%
Scandium	45-1				111		%
Scandium	45-2				108		%
Selenium	82-1	9.55	10.56	10.31	10.14	5.17	ppb
Selenium	77-2	10.99	9.21	9.30	9.83	10.21	ppb
Selenium	78-2	13.08	10.21	9.82	11.04	16.13	ppb
Silicon	28-1	108.89	115.62	117.57	114.03	4.00	ppb
Silver	107-1	0.33	0.31	0.34	0.33	4.05	ppb
Silver	109-1	0.32	0.33	0.33	0.33	2.00	ppb
Sodium	23-2	2807.87	2733.71	2724.17	2755.25	1.66	ppb
Strontium	86-1	6.65	6.83	6.93	6.80	2.11	ppb
Strontium	88-1	6.70	6.87	6.82	6.80	1.29	ppb
Sulfur	34-1	-13303.66	-14684.53	-14912.13	-14300.11		ppb
Terbium	159-1				114		%
Terbium	159-2				111		%
Thallium	203-1	0.38	0.30	0.38	0.36	12.74	ppb
Thallium	205-1	0.38	0.38	0.38	0.38	0.14	ppb
Tin	118-1	0.93	0.84	0.83	0.87	5.95	ppb
Titanium	47-1	16.36	16.79	15.96	16.37	2.54	ppb

LB Number : LB138105 Operator : Jaswal
 Lab Sample ID : Q3749-01DL2X25 Instrumnet Name : P7
 Client Sample ID : AUD-25-0204DL2 Dilution Factor : 25
 Date & Time Acquired : 2025-12-03 12:57:32 DataFile Name : 039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.01	0.01	0.00	0.01	8.54	ppb
Vanadium	51-2	0.22	0.20	0.25	0.22	11.45	ppb
Yttrium	89-1				114		%
Yttrium	89-2				114		%
Zinc	66-2	16.74	16.91	17.23	16.96	1.45	ppb
Zirconium	90-1	0.27	0.26	0.27	0.26	1.55	ppb
Zirconium	91-1	0.29	0.30	0.29	0.29	2.83	ppb

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : CCV03 Instrumnet Name : P7
Client Sample ID : CCV03 Dilution Factor : 1
Date & Time Acquired : 2025-12-03 13:00:43 DataFile Name : 040CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49445.41	48913.96	47895.64	48751.67	1.62	ppb
Antimony	121-1	517.79	519.58	514.76	517.38	0.47	ppb
Arsenic	75-2	509.88	523.85	499.87	511.20	2.36	ppb
Barium	135-1	2588.96	2599.13	2565.29	2584.46	0.67	ppb
Barium	137-1	2487.82	2571.29	2635.34	2564.82	2.88	ppb
Beryllium	9-1	504.25	515.13	513.79	511.06	1.16	ppb
Bismuth	209-1				94		%
Bismuth	209-2				89		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	513.99	515.24	511.73	513.65	0.35	ppb
Cadmium	106-1	510.08	504.82	499.13	504.68	1.09	ppb
Cadmium	111-1	502.79	502.57	501.87	502.41	0.10	ppb
Calcium	43-1	246258.00	248718.24	250414.30	248463.51	0.84	ppb
Calcium	44-1	243692.93	253448.14	255611.83	250917.63	2.53	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	524.30	532.09	524.95	527.11	0.82	ppb
Cobalt	59-2	518.74	525.79	514.37	519.63	1.11	ppb
Copper	63-2	5120.46	5128.44	5154.00	5134.30	0.34	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				99		%
Holmium	165-2				98		%
Indium	115-1				93		%
Indium	115-2				91		%
Iron	56-2	127432.30	132085.19	129363.22	129626.90	1.80	ppb
Iron	57-2	132554.32	129459.93	128722.22	130245.49	1.56	ppb
Iron	54-2	129360.92	131618.67	128492.66	129824.09	1.24	ppb
Krypton	83-1						cps

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : CCV03 Instrumnet Name : P7
Client Sample ID : CCV03 Dilution Factor : 1
Date & Time Acquired : 2025-12-03 13:00:43 DataFile Name : 040CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2560.50	2624.51	2667.06	2617.36	2.05	ppb
Lead	207-1	2526.39	2571.92	2622.37	2573.56	1.87	ppb
Lead	208-1	2531.67	2572.44	2591.30	2565.14	1.19	ppb
Lithium	6-1				88		%
Magnesium	24-2	248167.89	241239.63	240710.24	243372.59	1.71	ppb
Manganese	55-2	5142.51	5257.92	5186.62	5195.68	1.12	ppb
Molybdenum	94-1	5092.31	5174.64	5277.46	5181.47	1.79	ppb
Molybdenum	95-1	5183.40	5128.89	5331.37	5214.55	2.01	ppb
Molybdenum	96-1	5229.06	5143.22	5305.24	5225.84	1.55	ppb
Molybdenum	97-1	5162.85	5262.69	5319.87	5248.47	1.51	ppb
Molybdenum	98-1	5309.46	5168.95	5270.65	5249.69	1.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	505.30	514.39	505.75	508.48	1.01	ppb
Phosphorus	31-2	9611.19	10338.20	9299.07	9749.49	5.47	ppb
Potassium	39-2	121259.56	125522.98	122901.39	123227.98	1.75	ppb
Rhodium	103-1				90		%
Rhodium	103-2				89		%
Scandium	45-1				95		%
Scandium	45-2				92		%
Selenium	82-1	495.96	500.25	502.99	499.73	0.71	ppb
Selenium	77-2	500.83	513.86	465.07	493.25	5.12	ppb
Selenium	78-2	497.31	520.48	490.76	502.85	3.11	ppb
Silicon	28-1	514.96	508.32	520.90	514.73	1.22	ppb
Silver	107-1	507.94	502.78	516.56	509.09	1.37	ppb
Silver	109-1	525.75	515.71	522.64	521.37	0.99	ppb
Sodium	23-2	251260.60	253106.04	246042.89	250136.51	1.46	ppb
Strontium	86-1	517.59	519.91	524.84	520.78	0.71	ppb
Strontium	88-1	522.05	527.71	538.32	529.36	1.56	ppb
Sulfur	34-1	5161.85	4811.43	6132.01	5368.43	12.74	ppb
Terbium	159-1				95		%
Terbium	159-2				93		%
Thallium	203-1	517.28	534.49	542.68	531.48	2.44	ppb
Thallium	205-1	524.40	534.02	530.72	529.71	0.92	ppb
Tin	118-1	515.26	520.85	521.35	519.15	0.65	ppb
Titanium	47-1	5084.61	5154.17	5136.73	5125.17	0.71	ppb

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : CCV03 Instrumnet Name : P7
Client Sample ID : CCV03 Dilution Factor : 1
Date & Time Acquired : 2025-12-03 13:00:43 DataFile Name : 040CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	496.41	513.63	523.63	511.22	2.69	ppb
Vanadium	51-2	517.53	517.45	519.50	518.16	0.22	ppb
Yttrium	89-1				94		%
Yttrium	89-2				94		%
Zinc	66-2	4950.74	5030.82	4968.30	4983.29	0.84	ppb
Zirconium	90-1	524.94	534.76	545.12	534.94	1.89	ppb
Zirconium	91-1	505.39	513.22	523.80	514.13	1.80	ppb

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : CCB03 Instrumnet Name : P7
Client Sample ID : CCB03 Dilution Factor : 1
Date & Time Acquired : 2025-12-03 13:05:44 DataFile Name : 041CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.16	2.86	2.31	2.78	15.49	ppb
Antimony	121-1	0.17	0.17	0.21	0.18	11.78	ppb
Arsenic	75-2	0.06	0.08	0.04	0.06	33.27	ppb
Barium	135-1	0.05	0.06	0.03	0.05	29.71	ppb
Barium	137-1	0.04	0.03	0.04	0.04	23.16	ppb
Beryllium	9-1	0.00	-0.01	0.00	0.00		ppb
Bismuth	209-1				110		%
Bismuth	209-2				110		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.03	0.01	0.07	0.02	282.19	ppb
Cadmium	106-1	-3.44	-3.97	-3.35	-3.58		ppb
Cadmium	111-1	-0.20	-0.26	-0.23	-0.23		ppb
Calcium	43-1	6.02	2.00	-2.15	1.96	208.94	ppb
Calcium	44-1	25.30	23.26	22.06	23.54	6.97	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	-0.01	0.01	0.01	207.88	ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.15	0.16	0.16	0.15	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				110		%
Holmium	165-2				109		%
Indium	115-1				108		%
Indium	115-2				106		%
Iron	56-2	2.59	2.42	2.47	2.49	3.54	ppb
Iron	57-2	2.70	3.10	2.67	2.82	8.59	ppb
Iron	54-2	1.27	0.67	0.14	0.70	81.71	ppb
Krypton	83-1						cps

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : CCB03 Instrumnet Name : P7
Client Sample ID : CCB03 Dilution Factor : 1
Date & Time Acquired : 2025-12-03 13:05:44 DataFile Name : 041CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.05	0.03	0.04	0.04	33.97	ppb
Lead	207-1	0.03	0.07	0.03	0.04	51.49	ppb
Lead	208-1	0.05	0.04	0.04	0.04	15.55	ppb
Lithium	6-1				104		%
Magnesium	24-2	4.55	4.41	4.90	4.62	5.50	ppb
Manganese	55-2	0.12	0.10	0.08	0.10	22.39	ppb
Molybdenum	94-1	0.21	0.24	0.22	0.22	7.21	ppb
Molybdenum	95-1	0.20	0.17	0.19	0.18	8.70	ppb
Molybdenum	96-1	0.15	0.18	0.18	0.17	10.01	ppb
Molybdenum	97-1	0.22	0.14	0.21	0.19	22.43	ppb
Molybdenum	98-1	0.17	0.17	0.18	0.17	5.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.06	0.05	0.08	0.07	22.71	ppb
Phosphorus	31-2	-1736.86	-1768.03	-1714.13	-1739.67		ppb
Potassium	39-2	26.81	26.36	21.57	24.91	11.65	ppb
Rhodium	103-1				109		%
Rhodium	103-2				109		%
Scandium	45-1				107		%
Scandium	45-2				104		%
Selenium	82-1	3.53	3.13	2.37	3.01	19.50	ppb
Selenium	77-2	0.46	1.18	1.67	1.10	55.09	ppb
Selenium	78-2	1.50	3.84	3.75	3.03	43.78	ppb
Silicon	28-1	-0.49	-0.89	-0.63	-0.67		ppb
Silver	107-1	0.02	0.02	0.03	0.02	21.33	ppb
Silver	109-1	0.02	0.03	0.02	0.02	8.17	ppb
Sodium	23-2	26.46	23.42	22.54	24.14	8.53	ppb
Strontium	86-1	-0.09	-0.08	-0.08	-0.08		ppb
Strontium	88-1	0.01	0.01	0.01	0.01	12.66	ppb
Sulfur	34-1	-4733.17	-4072.77	-3434.56	-4080.17		ppb
Terbium	159-1				108		%
Terbium	159-2				105		%
Thallium	203-1	0.02	0.02	0.01	0.02	31.88	ppb
Thallium	205-1	0.03	0.03	0.02	0.03	15.28	ppb
Tin	118-1	0.03	-0.01	0.01	0.01	138.17	ppb
Titanium	47-1	0.05	0.08	0.13	0.09	50.82	ppb

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : CCB03 Instrumnet Name : P7
Client Sample ID : CCB03 Dilution Factor : 1
Date & Time Acquired : 2025-12-03 13:05:44 DataFile Name : 041CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.01	0.01	0.01	0.01	13.91	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	43.27	ppb
Yttrium	89-1				107		%
Yttrium	89-2				108		%
Zinc	66-2	0.29	0.22	0.08	0.20	54.60	ppb
Zirconium	90-1	0.03	0.04	0.04	0.04	16.19	ppb
Zirconium	91-1	0.03	0.04	0.03	0.03	12.12	ppb

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : S0 Instrumnet Name : P7
Client Sample ID : S0 Dilution Factor : 1
Date & Time Acquired : 2025-12-03 10:05:28 DataFile Name : 004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	200	217	160	192	15.15	cps
Antimony	121-1	23	27	27	26	7.55	cps
Arsenic	75-2	20	31	22	24	25.02	cps
Barium	135-1	20	50	20	30	57.74	cps
Barium	137-1	40	40	53	44	17.32	cps
Beryllium	9-1	7	33	27	22	62.43	cps
Bismuth	209-1	4666279	4793378	4749257	4736305	1.36	cps
Bismuth	209-2	3997569	4048496	3992428	4012831	0.77	cps
Bromine	81-1	9446	9056	9477	9326	2.51	cps
Bromine	81-2	117	97	67	93	26.96	cps
Cadmium	108-1	13	3	0	6	124.93	cps
Cadmium	106-1	2194	2280	2097	2190	4.19	cps
Cadmium	111-1	1539	1610	1491	1547	3.88	cps
Calcium	43-1	993	953	1017	988	3.24	cps
Calcium	44-1	40691	41503	41366	41187	1.06	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	887	800	803	830	5.92	cps
Cobalt	59-2	163	213	190	189	13.24	cps
Copper	63-2	830	813	770	804	3.85	cps
Dysprosium	156-1	10	0	7	6	91.64	cps
Dysprosium	156-2	3	7	0	3	100.05	cps
Erbium	164-1	37	43	23	34	29.57	cps
Erbium	164-2	27	10	30	22	48.22	cps
Gadolinium	160-1	70	50	37	52	32.12	cps
Gadolinium	160-2	390	277	333	333	17.00	cps
Holmium	165-1	7195863	7243025	7290530	7243139	0.65	cps
Holmium	165-2	5214493	5111877	5141215	5155862	1.03	cps
Indium	115-1	6165481	6168764	6034022	6122755	1.26	cps
Indium	115-2	2236732	2177935	2185369	2200012	1.46	cps
Iron	56-2	12112	12302	12312	12242	0.92	cps
Iron	57-2	927	960	880	922	4.36	cps
Iron	54-2	1517	1303	1310	1377	8.81	cps
Krypton	83-1	420	437	437	431	2.23	cps

LB Number : LB138105 Operator : Jaswal

Lab Sample ID : S0 Instrumnet Name : P7

Client Sample ID : S0 Dilution Factor : 1

Date & Time Acquired : 2025-12-03 10:05:28 DataFile Name : 004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	223	290	267	260	13.01	cps
Lead	207-1	210	197	227	211	7.12	cps
Lead	208-1	1007	1043	1003	1018	2.18	cps
Lithium	6-1	1037944	1090385	1076357	1068229	2.54	cps
Magnesium	24-2	387	340	367	364	6.42	cps
Manganese	55-2	350	360	303	338	8.95	cps
Molybdenum	94-1	160	213	173	182	15.23	cps
Molybdenum	95-1	83	80	90	84	6.03	cps
Molybdenum	96-1	133	127	120	127	5.27	cps
Molybdenum	97-1	43	20	40	34	36.64	cps
Molybdenum	98-1	120	147	113	127	13.92	cps
Neodymium	150-1	10	3	7	7	50.03	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	187	120	203	170	25.94	cps
Phosphorus	31-2	997	1047	1020	1021	2.45	cps
Potassium	39-2	46374	45932	44993	45766	1.54	cps
Rhodium	103-1	6077728	6185560	6098098	6120462	0.94	cps
Rhodium	103-2	3868041	3829038	3784000	3827026	1.10	cps
Scandium	45-1	4225067	4227828	4197571	4216822	0.40	cps
Scandium	45-2	371466	372816	367270	370517	0.78	cps
Selenium	82-1	155	111	58	108	44.78	cps
Selenium	77-2	0	7	3	3	100.05	cps
Selenium	78-2	237	287	343	289	18.47	cps
Silicon	28-1	1222840	1239199	1210615	1224218	1.17	cps
Silver	107-1	67	107	80	84	24.12	cps
Silver	109-1	33	40	43	39	13.09	cps
Sodium	23-2	14987	15138	15054	15060	0.50	cps
Strontium	86-1	710	703	820	744	8.80	cps
Strontium	88-1	483	470	490	481	2.12	cps
Sulfur	34-1	186418	185259	186702	186126	0.41	cps
Terbium	159-1	7570924	7430303	7569234	7523487	1.07	cps
Terbium	159-2	5162548	5385488	5191164	5246400	2.31	cps
Thallium	203-1	163	167	163	164	1.17	cps
Thallium	205-1	293	260	310	288	8.85	cps
Tin	118-1	1077	1087	1210	1125	6.60	cps
Titanium	47-1	80	103	70	84	20.25	cps

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : S0 Instrumnet Name : P7
Client Sample ID : S0 Dilution Factor : 1
Date & Time Acquired : 2025-12-03 10:05:28 DataFile Name : 004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	43	50	37	43	15.38	cps
Vanadium	51-2	13	20	20	18	21.66	cps
Yttrium	89-1	8069637	8184908	8089786	8114777	0.76	cps
Yttrium	89-2	2102974	2015400	2094155	2070843	2.33	cps
Zinc	66-2	1030	1063	997	1030	3.24	cps
Zirconium	90-1	300	323	337	320	5.80	cps
Zirconium	91-1	83	63	77	74	13.68	cps

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : S2 Instrumnet Name : P7
Client Sample ID : S2 Dilution Factor : 1
Date & Time Acquired : 2025-12-03 10:08:44 DataFile Name : 005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3037	3220	3340	3199	4.78	cps
Antimony	121-1	9577	9520	9256	9451	1.81	cps
Arsenic	75-2	887	810	902	866	5.65	cps
Barium	135-1	10310	10140	10647	10366	2.49	cps
Barium	137-1	18205	18432	18452	18363	0.75	cps
Beryllium	9-1	1153	1050	1137	1113	4.98	cps
Bismuth	209-1	4722430	4503280	4633105	4619605	2.39	cps
Bismuth	209-2	3855714	4048163	4018839	3974239	2.61	cps
Bromine	81-1	9617	8913	9126	9219	3.91	cps
Bromine	81-2	77	73	130	93	34.07	cps
Cadmium	108-1	90	90	90	90	0.00	cps
Cadmium	106-1	2394	2277	2247	2306	3.36	cps
Cadmium	111-1	2949	2848	2823	2873	2.33	cps
Calcium	43-1	8663	8262	8116	8347	3.39	cps
Calcium	44-1	164556	163494	162938	163662	0.50	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5578	5464	5524	5522	1.03	cps
Cobalt	59-2	4267	4204	4451	4307	2.97	cps
Copper	63-2	6375	6441	6318	6378	0.97	cps
Dysprosium	156-1	7	7	3	6	34.70	cps
Dysprosium	156-2	13	0	0	4	173.21	cps
Erbium	164-1	47	13	33	31	53.94	cps
Erbium	164-2	30	27	37	31	16.37	cps
Gadolinium	160-1	40	43	43	42	4.55	cps
Gadolinium	160-2	370	327	340	346	6.42	cps
Holmium	165-1	7132479	7076700	7361864	7190347	2.10	cps
Holmium	165-2	5252123	5186032	5202598	5213584	0.66	cps
Indium	115-1	6094800	5967511	6302137	6121483	2.76	cps
Indium	115-2	2173547	2196790	2245926	2205421	1.68	cps
Iron	56-2	125953	126507	124400	125620	0.87	cps
Iron	57-2	3824	4124	3817	3922	4.47	cps
Iron	54-2	7832	8062	7705	7867	2.30	cps
Krypton	83-1	407	343	373	374	8.46	cps

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : S2 Instrumnet Name : P7
Client Sample ID : S2 Dilution Factor : 1
Date & Time Acquired : 2025-12-03 10:08:44 DataFile Name : 005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3170	3117	3177	3155	1.04	cps
Lead	207-1	2814	2844	2714	2790	2.44	cps
Lead	208-1	13093	13009	12903	13002	0.73	cps
Lithium	6-1	1122805	1019962	1035796	1059521	5.23	cps
Magnesium	24-2	125585	125322	123155	124687	1.07	cps
Manganese	55-2	2497	2347	2457	2434	3.19	cps
Molybdenum	94-1	9837	10484	10067	10129	3.24	cps
Molybdenum	95-1	11968	12185	12392	12182	1.74	cps
Molybdenum	96-1	13793	13663	13139	13532	2.56	cps
Molybdenum	97-1	7619	7675	7622	7639	0.42	cps
Molybdenum	98-1	18836	19193	19230	19086	1.14	cps
Neodymium	150-1	7	7	13	9	43.25	cps
Neodymium	150-2	0	3	7	3	100.05	cps
Nickel	60-2	1110	1013	983	1036	6.39	cps
Phosphorus	31-2	3244	3017	3277	3179	4.45	cps
Potassium	39-2	173230	170867	169370	171155	1.14	cps
Rhodium	103-1	6062061	6026181	6128872	6072371	0.86	cps
Rhodium	103-2	3767701	3840934	3891007	3833214	1.62	cps
Scandium	45-1	4133906	4155151	4168604	4152554	0.42	cps
Scandium	45-2	365123	369090	366231	366815	0.56	cps
Selenium	82-1	759	869	846	825	7.06	cps
Selenium	77-2	40	83	57	60	36.43	cps
Selenium	78-2	543	540	630	571	8.93	cps
Silicon	28-1	1216957	1290745	1233042	1246915	3.11	cps
Silver	107-1	7082	6722	7058	6954	2.90	cps
Silver	109-1	6328	6635	6965	6643	4.80	cps
Sodium	23-2	209028	207358	206737	207708	0.57	cps
Strontium	86-1	2120	2080	2194	2131	2.70	cps
Strontium	88-1	13626	13930	13747	13768	1.11	cps
Sulfur	34-1	191223	192452	191672	191782	0.32	cps
Terbium	159-1	7519306	7464834	7565028	7516389	0.67	cps
Terbium	159-2	5320501	5085337	5291190	5232342	2.45	cps
Thallium	203-1	4391	4237	4461	4363	2.62	cps
Thallium	205-1	10678	10688	10114	10493	3.13	cps
Tin	118-1	19884	20218	20288	20130	1.07	cps
Titanium	47-1	3737	3871	3690	3766	2.48	cps

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : S2 Instrumnet Name : P7
Client Sample ID : S2 Dilution Factor : 1
Date & Time Acquired : 2025-12-03 10:08:44 DataFile Name : 005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	13160	13377	13030	13189	1.33	cps
Vanadium	51-2	9897	9997	10123	10006	1.14	cps
Yttrium	89-1	7968026	7815472	8125080	7969526	1.94	cps
Yttrium	89-2	2074258	2064929	2088713	2075967	0.58	cps
Zinc	66-2	4204	4141	4094	4146	1.33	cps
Zirconium	90-1	8893	8239	9003	8712	4.74	cps
Zirconium	91-1	1870	1937	1947	1918	2.17	cps

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : S3 Instrumnet Name : P7
Client Sample ID : S3 Dilution Factor : 1
Date & Time Acquired : 2025-12-03 10:12:01 DataFile Name : 006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	136309	134059	133731	134700	1.04	cps
Antimony	121-1	223612	230014	229566	227730	1.57	cps
Arsenic	75-2	35693	35325	35319	35446	0.61	cps
Barium	135-1	261595	263364	264038	262999	0.48	cps
Barium	137-1	456516	461930	458084	458844	0.61	cps
Beryllium	9-1	54492	54709	54492	54565	0.23	cps
Bismuth	209-1	4701993	4741369	4657080	4700147	0.90	cps
Bismuth	209-2	3886891	3919524	3969764	3925393	1.06	cps
Bromine	81-1	9186	9146	9086	9140	0.55	cps
Bromine	81-2	110	110	83	101	15.23	cps
Cadmium	108-1	5221	5428	5144	5264	2.78	cps
Cadmium	106-1	9230	9330	8899	9153	2.46	cps
Cadmium	111-1	71150	72030	74413	72531	2.33	cps
Calcium	43-1	77915	77872	77956	77915	0.05	cps
Calcium	44-1	1247344	1247526	1238558	1244476	0.41	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	119462	121257	121963	120894	1.07	cps
Cobalt	59-2	191976	190290	192767	191677	0.66	cps
Copper	63-2	1547791	1494228	1528781	1523600	1.78	cps
Dysprosium	156-1	10	17	20	16	32.73	cps
Dysprosium	156-2	13	20	10	14	35.26	cps
Erbium	164-1	40	43	37	40	8.32	cps
Erbium	164-2	23	33	30	29	17.63	cps
Gadolinium	160-1	47	63	53	54	15.40	cps
Gadolinium	160-2	393	340	300	344	13.59	cps
Holmium	165-1	7157413	7221331	7181051	7186598	0.45	cps
Holmium	165-2	5031908	5128900	5048969	5069926	1.02	cps
Indium	115-1	6136476	6096693	6156373	6129848	0.50	cps
Indium	115-2	2137304	2121878	2179777	2146320	1.40	cps
Iron	56-2	5621061	5542045	5454258	5539121	1.51	cps
Iron	57-2	146318	144325	143337	144660	1.05	cps
Iron	54-2	326949	323925	325729	325534	0.47	cps
Krypton	83-1	393	383	433	403	6.56	cps

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : S3 Instrumnet Name : P7
Client Sample ID : S3 Dilution Factor : 1
Date & Time Acquired : 2025-12-03 10:12:01 DataFile Name : 006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	815376	827433	834416	825742	1.17	cps
Lead	207-1	718718	729077	722843	723546	0.72	cps
Lead	208-1	3442016	3493184	3425279	3453493	1.02	cps
Lithium	6-1	1080196	1068416	1075753	1074788	0.55	cps
Magnesium	24-2	1285343	1284921	1242659	1270974	1.93	cps
Manganese	55-2	987644	972385	969967	976665	0.98	cps
Molybdenum	94-1	846652	867113	855596	856454	1.20	cps
Molybdenum	95-1	1210474	1245723	1221968	1226055	1.47	cps
Molybdenum	96-1	1335788	1354240	1349812	1346613	0.72	cps
Molybdenum	97-1	762940	769581	774337	768953	0.74	cps
Molybdenum	98-1	2021448	2020957	1967997	2003467	1.53	cps
Neodymium	150-1	10	3	20	11	75.52	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	50602	51020	50889	50837	0.42	cps
Phosphorus	31-2	1937	1813	1863	1871	3.32	cps
Potassium	39-2	687139	684336	686907	686127	0.23	cps
Rhodium	103-1	6065675	6028111	5955703	6016496	0.93	cps
Rhodium	103-2	3668502	3717733	3837776	3741337	2.33	cps
Scandium	45-1	4193255	4263830	4109283	4188789	1.85	cps
Scandium	45-2	356139	363748	362170	360686	1.11	cps
Selenium	82-1	6955	7157	6847	6987	2.25	cps
Selenium	77-2	753	687	670	703	6.27	cps
Selenium	78-2	2520	2444	2597	2520	3.04	cps
Silicon	28-1	2040236	2046062	2039329	2041876	0.18	cps
Silver	107-1	324161	334687	336087	331645	1.97	cps
Silver	109-1	304063	309641	318909	310871	2.41	cps
Sodium	23-2	1931976	1957190	1953771	1947646	0.70	cps
Strontium	86-1	75834	78321	76625	76927	1.65	cps
Strontium	88-1	650596	668368	657589	658851	1.36	cps
Sulfur	34-1	188595	190805	189729	189709	0.58	cps
Terbium	159-1	7543885	7491403	7489413	7508234	0.41	cps
Terbium	159-2	5105185	5175241	5104246	5128224	0.79	cps
Thallium	203-1	203188	208946	211544	207893	2.06	cps
Thallium	205-1	481704	493146	493965	489605	1.40	cps
Tin	118-1	193225	193820	195997	194347	0.75	cps
Titanium	47-1	359466	364628	363900	362665	0.77	cps

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : S3 Instrumnet Name : P7
Client Sample ID : S3 Dilution Factor : 1
Date & Time Acquired : 2025-12-03 10:12:01 DataFile Name : 006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	660463	671966	672137	668189	1.00	cps
Vanadium	51-2	100093	98489	99385	99322	0.81	cps
Yttrium	89-1	7882490	8106283	7950029	7979601	1.44	cps
Yttrium	89-2	2057916	2060736	2042624	2053759	0.47	cps
Zinc	66-2	302618	296987	304765	301457	1.33	cps
Zirconium	90-1	412925	425375	421415	419905	1.51	cps
Zirconium	91-1	90044	93177	92566	91929	1.81	cps

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : S4 Instrumnet Name : P7
Client Sample ID : S4 Dilution Factor : 1
Date & Time Acquired : 2025-12-03 10:15:09 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	326537	323963	318761	323087	1.23	cps
Antimony	121-1	539393	556055	551677	549042	1.57	cps
Arsenic	75-2	85197	85415	83483	84698	1.25	cps
Barium	135-1	624324	636528	629025	629959	0.98	cps
Barium	137-1	1085651	1113231	1107769	1102217	1.33	cps
Beryllium	9-1	128002	132318	130240	130187	1.66	cps
Bismuth	209-1	4618890	4658828	4628693	4635471	0.45	cps
Bismuth	209-2	3789387	3800188	3769906	3786494	0.41	cps
Bromine	81-1	9350	8483	9226	9020	5.20	cps
Bromine	81-2	100	110	127	112	12.01	cps
Cadmium	108-1	12282	12175	11848	12102	1.87	cps
Cadmium	106-1	18712	19206	18645	18855	1.62	cps
Cadmium	111-1	170149	171382	171532	171021	0.44	cps
Calcium	43-1	183136	186482	183295	184304	1.02	cps
Calcium	44-1	2812622	2890496	2922604	2875241	1.97	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	289558	292977	290298	290944	0.62	cps
Cobalt	59-2	456644	459426	452506	456192	0.76	cps
Copper	63-2	3604799	3585528	3635221	3608516	0.69	cps
Dysprosium	156-1	27	27	27	27	0.00	cps
Dysprosium	156-2	57	27	40	41	36.56	cps
Erbium	164-1	63	27	43	44	41.30	cps
Erbium	164-2	50	37	10	32	63.21	cps
Gadolinium	160-1	70	37	43	50	35.28	cps
Gadolinium	160-2	340	320	320	327	3.53	cps
Holmium	165-1	7069361	6959272	6996197	7008277	0.80	cps
Holmium	165-2	4973803	4882663	5110771	4989079	2.30	cps
Indium	115-1	5737880	5937306	5861343	5845510	1.72	cps
Indium	115-2	2083569	2063106	2115980	2087552	1.28	cps
Iron	56-2	13281989	13173040	13105050	13186693	0.68	cps
Iron	57-2	344219	343670	343147	343679	0.16	cps
Iron	54-2	777027	781067	761402	773165	1.34	cps
Krypton	83-1	410	373	467	417	11.29	cps

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : S4 Instrumnet Name : P7
Client Sample ID : S4 Dilution Factor : 1
Date & Time Acquired : 2025-12-03 10:15:09 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1987201	2124071	2015207	2042159	3.54	cps
Lead	207-1	1828144	1929132	1882529	1879935	2.69	cps
Lead	208-1	8204353	8620896	8248622	8357957	2.74	cps
Lithium	6-1	1025952	999614	1029844	1018470	1.61	cps
Magnesium	24-2	3019654	3051392	2944490	3005179	1.83	cps
Manganese	55-2	2385749	2345152	2277920	2336274	2.33	cps
Molybdenum	94-1	2076766	2025025	2085195	2062329	1.58	cps
Molybdenum	95-1	2962083	2986405	2967360	2971949	0.43	cps
Molybdenum	96-1	3187194	3209219	3238744	3211719	0.81	cps
Molybdenum	97-1	1812678	1866847	1821362	1833629	1.59	cps
Molybdenum	98-1	4730773	4890791	4701225	4774263	2.14	cps
Neodymium	150-1	33	23	20	26	27.15	cps
Neodymium	150-2	3	13	7	8	65.47	cps
Nickel	60-2	122569	120527	117715	120270	2.03	cps
Phosphorus	31-2	2967	2884	2870	2907	1.80	cps
Potassium	39-2	1543411	1535446	1533758	1537538	0.34	cps
Rhodium	103-1	5796973	5936403	5792780	5842052	1.40	cps
Rhodium	103-2	3601216	3600725	3654255	3618732	0.85	cps
Scandium	45-1	4014535	3994831	4058370	4022579	0.81	cps
Scandium	45-2	355155	352074	347568	351599	1.09	cps
Selenium	82-1	16906	16594	16667	16722	0.98	cps
Selenium	77-2	1693	1720	1667	1693	1.57	cps
Selenium	78-2	5721	5801	5845	5789	1.08	cps
Silicon	28-1	3121621	3162537	3132273	3138811	0.68	cps
Silver	107-1	778673	798142	802840	793218	1.62	cps
Silver	109-1	740117	755444	749153	748238	1.03	cps
Sodium	23-2	4659470	4894427	4591106	4715001	3.37	cps
Strontium	86-1	180270	186572	183521	183455	1.72	cps
Strontium	88-1	1579157	1622203	1587699	1596353	1.43	cps
Sulfur	34-1	190126	187589	188939	188885	0.67	cps
Terbium	159-1	7330691	7287560	7360396	7326216	0.50	cps
Terbium	159-2	4948603	5033982	4892892	4958492	1.43	cps
Thallium	203-1	499974	501696	504651	502107	0.47	cps
Thallium	205-1	1185697	1206656	1192381	1194911	0.90	cps
Tin	118-1	455024	470319	464767	463370	1.67	cps
Titanium	47-1	871131	875709	868782	871874	0.40	cps

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : S4 Instrumnet Name : P7
Client Sample ID : S4 Dilution Factor : 1
Date & Time Acquired : 2025-12-03 10:15:09 DataFile Name : 007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1573674	1642971	1614896	1610514	2.16	cps
Vanadium	51-2	240952	240587	235798	239112	1.20	cps
Yttrium	89-1	7657408	7741543	7748243	7715731	0.66	cps
Yttrium	89-2	2007265	1972192	2015500	1998319	1.15	cps
Zinc	66-2	711875	724789	720861	719175	0.92	cps
Zirconium	90-1	1001713	1013875	1013360	1009650	0.68	cps
Zirconium	91-1	221479	225359	221393	222744	1.02	cps

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : S5 Instrumnet Name : P7
Client Sample ID : S5 Dilution Factor : 1
Date & Time Acquired : 2025-12-03 10:18:11 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	611134	602742	614136	609337	0.97	cps
Antimony	121-1	1012395	1038421	1053797	1034871	2.02	cps
Arsenic	75-2	159386	158607	157622	158538	0.56	cps
Barium	135-1	1168395	1197400	1200831	1188875	1.50	cps
Barium	137-1	2096005	2166098	2183530	2148544	2.16	cps
Beryllium	9-1	237978	242357	238702	239679	0.98	cps
Bismuth	209-1	4343339	4412747	4346857	4367648	0.90	cps
Bismuth	209-2	3624701	3719562	3692403	3678889	1.33	cps
Bromine	81-1	8563	8503	8696	8587	1.15	cps
Bromine	81-2	110	113	77	100	20.27	cps
Cadmium	108-1	22594	22922	23409	22975	1.78	cps
Cadmium	106-1	33154	33565	34037	33585	1.31	cps
Cadmium	111-1	314171	320132	323925	319409	1.54	cps
Calcium	43-1	341009	342881	341581	341824	0.28	cps
Calcium	44-1	5343197	5242063	5308077	5297779	0.97	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	549794	543595	540694	544694	0.85	cps
Cobalt	59-2	865145	847517	859426	857363	1.05	cps
Copper	63-2	6919123	6934072	6710052	6854416	1.83	cps
Dysprosium	156-1	33	23	30	29	17.63	cps
Dysprosium	156-2	43	60	73	59	25.53	cps
Erbium	164-1	50	20	57	42	46.26	cps
Erbium	164-2	60	30	27	39	47.20	cps
Gadolinium	160-1	33	40	30	34	14.78	cps
Gadolinium	160-2	223	313	390	309	27.01	cps
Holmium	165-1	6560322	6739342	6710443	6670036	1.44	cps
Holmium	165-2	4834415	4690337	4813522	4779424	1.63	cps
Indium	115-1	5478838	5660580	5537851	5559090	1.67	cps
Indium	115-2	1999818	1942339	1969254	1970470	1.46	cps
Iron	56-2	25182617	25074250	24726349	24994405	0.95	cps
Iron	57-2	657143	641202	642907	647084	1.35	cps
Iron	54-2	1419802	1394128	1406760	1406897	0.91	cps
Krypton	83-1	410	303	337	350	15.59	cps

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : S5 Instrumnet Name : P7
Client Sample ID : S5 Dilution Factor : 1
Date & Time Acquired : 2025-12-03 10:18:11 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3772010	3887840	3941712	3867187	2.24	cps
Lead	207-1	3527075	3559817	3564980	3550624	0.58	cps
Lead	208-1	15848911	16169211	16126057	16048060	1.08	cps
Lithium	6-1	981474	965479	951082	966012	1.57	cps
Magnesium	24-2	5602187	5478473	5624245	5568302	1.41	cps
Manganese	55-2	4477279	4386507	4352086	4405291	1.47	cps
Molybdenum	94-1	3873702	3940336	3883202	3899080	0.92	cps
Molybdenum	95-1	5553096	5563110	5553211	5556472	0.10	cps
Molybdenum	96-1	5929918	6098289	6040699	6022969	1.42	cps
Molybdenum	97-1	3430896	3445026	3409593	3428505	0.52	cps
Molybdenum	98-1	8816496	9197765	8838747	8951003	2.39	cps
Neodymium	150-1	43	30	37	37	18.18	cps
Neodymium	150-2	7	20	27	18	57.27	cps
Nickel	60-2	228780	226453	224861	226698	0.87	cps
Phosphorus	31-2	4797	4811	4557	4722	3.02	cps
Potassium	39-2	2777467	2815461	2777197	2790041	0.79	cps
Rhodium	103-1	5576117	5406211	5531903	5504744	1.60	cps
Rhodium	103-2	3360324	3443627	3478121	3427357	1.77	cps
Scandium	45-1	3786513	3775021	3765912	3775815	0.27	cps
Scandium	45-2	330956	331542	334091	332196	0.50	cps
Selenium	82-1	30907	31150	31436	31164	0.85	cps
Selenium	77-2	3290	3070	3237	3199	3.59	cps
Selenium	78-2	10470	10761	10891	10707	2.01	cps
Silicon	28-1	4674959	4781228	4818958	4758382	1.57	cps
Silver	107-1	1471467	1499021	1495905	1488798	1.01	cps
Silver	109-1	1379868	1396475	1420175	1398840	1.45	cps
Sodium	23-2	8857268	8648172	8640846	8715429	1.41	cps
Strontium	86-1	339407	349677	344384	344489	1.49	cps
Strontium	88-1	2980280	2985497	3044797	3003525	1.19	cps
Sulfur	34-1	183534	184077	185544	184385	0.56	cps
Terbium	159-1	6835842	6938458	6901392	6891897	0.75	cps
Terbium	159-2	4709309	4802049	4672243	4727867	1.41	cps
Thallium	203-1	937993	943767	951251	944337	0.70	cps
Thallium	205-1	2389680	2359221	2382756	2377219	0.67	cps
Tin	118-1	866478	873447	878601	872842	0.70	cps
Titanium	47-1	1612566	1645116	1629352	1629011	1.00	cps

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : S5 Instrumnet Name : P7
Client Sample ID : S5 Dilution Factor : 1
Date & Time Acquired : 2025-12-03 10:18:11 DataFile Name : 008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	3221390	3275789	3320443	3272540	1.52	cps
Vanadium	51-2	454166	445766	451305	450412	0.95	cps
Yttrium	89-1	7262883	7429897	7363776	7352186	1.14	cps
Yttrium	89-2	1885294	1872692	1873116	1877034	0.38	cps
Zinc	66-2	1340534	1347921	1342957	1343804	0.28	cps
Zirconium	90-1	1870849	1921757	1947806	1913471	2.05	cps
Zirconium	91-1	414331	420495	425300	420042	1.31	cps

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : S6 Instrumnet Name : P7
Client Sample ID : S6 Dilution Factor : 1
Date & Time Acquired : 2025-12-03 10:21:05 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1181752	1161546	1158733	1167344	1.08	cps
Antimony	121-1	1933545	2066700	2032574	2010939	3.44	cps
Arsenic	75-2	299180	297919	299401	298833	0.27	cps
Barium	135-1	2300877	2400980	2402841	2368233	2.46	cps
Barium	137-1	3971822	4125855	4209578	4102418	2.94	cps
Beryllium	9-1	442059	459128	460527	453905	2.27	cps
Bismuth	209-1	4054948	4250039	4109100	4138029	2.43	cps
Bismuth	209-2	3521786	3417622	3521432	3486947	1.72	cps
Bromine	81-1	8633	8276	8272	8394	2.47	cps
Bromine	81-2	123	80	123	109	22.98	cps
Cadmium	108-1	41456	43201	42703	42453	2.12	cps
Cadmium	106-1	59086	61158	61419	60555	2.11	cps
Cadmium	111-1	583732	600561	607274	597189	2.03	cps
Calcium	43-1	633949	657362	659393	650235	2.17	cps
Calcium	44-1	9982101	10122692	9984384	10029726	0.80	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1026393	1020582	1035063	1027346	0.71	cps
Cobalt	59-2	1624466	1603983	1625627	1618025	0.75	cps
Copper	63-2	13000569	12928033	12900730	12943111	0.40	cps
Dysprosium	156-1	70	63	53	62	13.48	cps
Dysprosium	156-2	153	153	107	138	19.56	cps
Erbium	164-1	67	90	90	82	16.38	cps
Erbium	164-2	80	43	63	62	29.51	cps
Gadolinium	160-1	63	57	27	49	39.94	cps
Gadolinium	160-2	283	327	260	290	11.66	cps
Holmium	165-1	6398896	6357815	6361151	6372621	0.36	cps
Holmium	165-2	4525823	4709743	4609433	4615000	2.00	cps
Indium	115-1	5171849	5307849	5256221	5245306	1.31	cps
Indium	115-2	1842411	1834518	1849457	1842129	0.41	cps
Iron	56-2	47441816	47190611	47573169	47401865	0.41	cps
Iron	57-2	1219139	1221437	1218630	1219735	0.12	cps
Iron	54-2	2682022	2642954	2690906	2671961	0.95	cps
Krypton	83-1	443	400	470	438	8.07	cps

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : S6 Instrumnet Name : P7
Client Sample ID : S6 Dilution Factor : 1
Date & Time Acquired : 2025-12-03 10:21:05 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	7283952	7543039	7482649	7436547	1.82	cps
Lead	207-1	6579402	6923731	6769742	6757625	2.55	cps
Lead	208-1	30109147	30971565	31057027	30712580	1.71	cps
Lithium	6-1	935279	935242	936569	935696	0.08	cps
Magnesium	24-2	10703713	10981957	10764705	10816792	1.35	cps
Manganese	55-2	8566272	8304540	8486240	8452351	1.59	cps
Molybdenum	94-1	7144852	7396355	7551956	7364387	2.79	cps
Molybdenum	95-1	10460999	10679953	10689214	10610055	1.22	cps
Molybdenum	96-1	11316057	11677991	11577189	11523746	1.62	cps
Molybdenum	97-1	6445993	6689137	6575845	6570325	1.85	cps
Molybdenum	98-1	16542201	17515932	17039560	17032564	2.86	cps
Neodymium	150-1	83	87	63	78	16.23	cps
Neodymium	150-2	23	33	17	24	34.31	cps
Nickel	60-2	423969	425905	430441	426772	0.78	cps
Phosphorus	31-2	7962	7719	7775	7819	1.63	cps
Potassium	39-2	5306265	5254031	5279378	5279891	0.49	cps
Rhodium	103-1	5040503	5262921	5128842	5144089	2.18	cps
Rhodium	103-2	3268774	3243772	3283055	3265200	0.61	cps
Scandium	45-1	3581810	3631238	3563144	3592064	0.98	cps
Scandium	45-2	317303	315506	313947	315585	0.53	cps
Selenium	82-1	55319	57592	56737	56550	2.03	cps
Selenium	77-2	5614	5668	5828	5703	1.95	cps
Selenium	78-2	19296	19169	19119	19195	0.48	cps
Silicon	28-1	7687884	8001827	7996827	7895513	2.28	cps
Silver	107-1	2808339	2874797	2844488	2842541	1.17	cps
Silver	109-1	2693054	2700926	2724857	2706279	0.61	cps
Sodium	23-2	16693756	16644684	16608432	16648957	0.26	cps
Strontium	86-1	634241	649777	653486	645834	1.58	cps
Strontium	88-1	5489854	5773921	5726079	5663285	2.69	cps
Sulfur	34-1	193285	192681	192267	192745	0.27	cps
Terbium	159-1	6614123	6455438	6711313	6593625	1.96	cps
Terbium	159-2	4637074	4627479	4443164	4569239	2.39	cps
Thallium	203-1	1847381	1957079	1990353	1931604	3.87	cps
Thallium	205-1	4463017	4668355	4635078	4588817	2.40	cps
Tin	118-1	1635040	1675720	1711917	1674226	2.30	cps
Titanium	47-1	3004310	3141329	3088808	3078149	2.25	cps

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : S6 Instrumnet Name : P7
Client Sample ID : S6 Dilution Factor : 1
Date & Time Acquired : 2025-12-03 10:21:05 DataFile Name : 009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	6122737	6459535	6363381	6315218	2.75	cps
Vanadium	51-2	854287	849607	859157	854350	0.56	cps
Yttrium	89-1	6829283	7051479	7006991	6962584	1.69	cps
Yttrium	89-2	1807477	1788085	1791491	1795684	0.58	cps
Zinc	66-2	2526941	2517977	2453067	2499328	1.61	cps
Zirconium	90-1	3549136	3680564	3616280	3615327	1.82	cps
Zirconium	91-1	778058	795556	803156	792256	1.62	cps

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : S7 Instrumnet Name : P7
Client Sample ID : S7 Dilution Factor : 1
Date & Time Acquired : 2025-12-03 10:23:53 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2124449	2156533	2101407	2127463	1.30	cps
Antimony	121-1	3483701	3611322	3700744	3598589	3.03	cps
Arsenic	75-2	539873	533266	524738	532626	1.42	cps
Barium	135-1	4066471	4303601	4363685	4244586	3.70	cps
Barium	137-1	7367918	7412156	7450996	7410357	0.56	cps
Beryllium	9-1	801847	841396	840474	827906	2.73	cps
Bismuth	209-1	3865267	3810511	3880085	3851954	0.95	cps
Bismuth	209-2	3203321	3308130	3113121	3208191	3.04	cps
Bromine	81-1	8389	7822	8449	8220	4.21	cps
Bromine	81-2	123	97	97	106	14.59	cps
Cadmium	108-1	74594	76096	76722	75804	1.44	cps
Cadmium	106-1	104013	107703	106877	106198	1.82	cps
Cadmium	111-1	1029162	1060027	1076196	1055129	2.26	cps
Calcium	43-1	1132745	1190517	1175998	1166420	2.58	cps
Calcium	44-1	17724900	18302300	18180755	18069318	1.68	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1836870	1815889	1849468	1834076	0.92	cps
Cobalt	59-2	2960879	2924807	2875225	2920304	1.47	cps
Copper	63-2	22965320	23597706	23342740	23301922	1.37	cps
Dysprosium	156-1	60	73	87	73	18.18	cps
Dysprosium	156-2	277	260	213	250	13.13	cps
Erbium	164-1	163	123	137	141	14.43	cps
Erbium	164-2	103	77	70	83	21.16	cps
Gadolinium	160-1	73	93	93	87	13.32	cps
Gadolinium	160-2	267	257	270	264	2.62	cps
Holmium	165-1	5749877	5800166	5926687	5825576	1.56	cps
Holmium	165-2	4166752	4467566	4071304	4235208	4.88	cps
Indium	115-1	4750933	4679410	4883641	4771328	2.17	cps
Indium	115-2	1672378	1749275	1655174	1692276	2.96	cps
Iron	56-2	83856727	85343709	85702539	84967658	1.15	cps
Iron	57-2	2167139	2083415	2110848	2120467	2.01	cps
Iron	54-2	4691005	4750001	4759813	4733606	0.79	cps
Krypton	83-1	357	327	343	342	4.39	cps

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : S7 Instrumnet Name : P7
Client Sample ID : S7 Dilution Factor : 1
Date & Time Acquired : 2025-12-03 10:23:53 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	13594248	14026253	14023621	13881374	1.79	cps
Lead	207-1	12086569	12716209	12484565	12429115	2.56	cps
Lead	208-1	55216275	57783850	56956577	56652234	2.31	cps
Lithium	6-1	874077	854149	881832	870019	1.64	cps
Magnesium	24-2	19254386	19483128	19242128	19326547	0.70	cps
Manganese	55-2	15144848	14712621	15022811	14960094	1.49	cps
Molybdenum	94-1	13111420	13521610	13606511	13413180	1.97	cps
Molybdenum	95-1	18656343	19517523	19365490	19179785	2.40	cps
Molybdenum	96-1	20418908	20915173	20725697	20686593	1.21	cps
Molybdenum	97-1	11740390	11999699	11875132	11871741	1.09	cps
Molybdenum	98-1	29370434	30600896	30486105	30152478	2.25	cps
Neodymium	150-1	107	160	177	148	24.74	cps
Neodymium	150-2	27	37	30	31	16.37	cps
Nickel	60-2	777663	762976	773356	771332	0.98	cps
Phosphorus	31-2	13966	13693	13246	13635	2.67	cps
Potassium	39-2	9561882	9284762	9578389	9475011	1.74	cps
Rhodium	103-1	4793399	4531154	4792224	4705592	3.21	cps
Rhodium	103-2	2944033	2939559	2858379	2913991	1.65	cps
Scandium	45-1	3256615	3229008	3240597	3242073	0.43	cps
Scandium	45-2	288121	295722	281764	288536	2.42	cps
Selenium	82-1	97378	98406	98423	98069	0.61	cps
Selenium	77-2	10037	9800	9780	9872	1.45	cps
Selenium	78-2	33004	33378	32375	32919	1.54	cps
Silicon	28-1	12456767	13443055	13108089	13002637	3.86	cps
Silver	107-1	4950668	5058178	5117157	5042001	1.67	cps
Silver	109-1	4644024	4793084	4697856	4711655	1.60	cps
Sodium	23-2	30294660	30843705	30082573	30406979	1.29	cps
Strontium	86-1	1144353	1173724	1185743	1167940	1.82	cps
Strontium	88-1	9976310	10324425	10430611	10243782	2.32	cps
Sulfur	34-1	206333	203358	202867	204186	0.92	cps
Terbium	159-1	6055751	6087071	6168169	6103664	0.95	cps
Terbium	159-2	4258661	4253742	4107412	4206605	2.04	cps
Thallium	203-1	3485333	3570978	3610313	3555541	1.80	cps
Thallium	205-1	8090118	8263793	8469319	8274410	2.29	cps
Tin	118-1	3036656	3094194	3052908	3061252	0.97	cps
Titanium	47-1	5431615	5467970	5564170	5487918	1.25	cps

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : S7 Instrumnet Name : P7
Client Sample ID : S7 Dilution Factor : 1
Date & Time Acquired : 2025-12-03 10:23:53 DataFile Name : 010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	11214503	11723111	11815339	11584318	2.79	cps
Vanadium	51-2	1545719	1560417	1545629	1550588	0.55	cps
Yttrium	89-1	6368409	6255762	6305809	6309993	0.89	cps
Yttrium	89-2	1603045	1635451	1621548	1620015	1.00	cps
Zinc	66-2	4415286	4530295	4277654	4407745	2.87	cps
Zirconium	90-1	6407009	6492941	6483041	6460997	0.73	cps
Zirconium	91-1	1397293	1477372	1465170	1446612	2.98	cps

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : S8 Instrumnet Name : P7
Client Sample ID : S8 Dilution Factor : 1
Date & Time Acquired : 2025-12-03 10:26:39 DataFile Name : 011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12852219	12719171	13199069	12923486	1.92	cps
Antimony	121-1	12469	12382	13023	12625	2.75	cps
Arsenic	75-2	1334	1445	1391	1390	4.00	cps
Barium	135-1	4347	4474	4291	4371	2.15	cps
Barium	137-1	7465	7492	7852	7603	2.84	cps
Beryllium	9-1	253	300	293	282	8.94	cps
Bismuth	209-1	4119881	4134553	4033553	4095996	1.33	cps
Bismuth	209-2	3549882	3414479	3518268	3494210	2.03	cps
Bromine	81-1	8052	8066	8396	8171	2.38	cps
Bromine	81-2	133	140	150	141	5.94	cps
Cadmium	108-1	100	87	113	100	13.33	cps
Cadmium	106-1	2000	2080	1810	1963	7.06	cps
Cadmium	111-1	2057	2179	1991	2076	4.59	cps
Calcium	43-1	6483799	6728997	6785527	6666108	2.41	cps
Calcium	44-1	102400192	110132118	109417395	107316568	3.98	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	39097	39171	38823	39030	0.47	cps
Cobalt	59-2	8302	8679	8439	8474	2.25	cps
Copper	63-2	8062	8246	8586	8298	3.20	cps
Dysprosium	156-1	220	230	220	223	2.59	cps
Dysprosium	156-2	220	250	203	224	10.54	cps
Erbium	164-1	390	447	507	448	13.03	cps
Erbium	164-2	330	290	347	322	9.04	cps
Gadolinium	160-1	223	263	280	256	11.40	cps
Gadolinium	160-2	473	470	533	492	7.24	cps
Holmium	165-1	6827966	6816814	6777583	6807454	0.39	cps
Holmium	165-2	4989511	4815295	4813846	4872884	2.07	cps
Indium	115-1	5373599	5464695	5504695	5447663	1.23	cps
Indium	115-2	1989508	1930201	1973133	1964281	1.56	cps
Iron	56-2	488443313	496188273	499041019	494557535	1.11	cps
Iron	57-2	12343211	12340987	12225415	12303204	0.55	cps
Iron	54-2	27134165	27190604	27609510	27311426	0.95	cps
Krypton	83-1	427	337	360	374	12.47	cps

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : S8 Instrumnet Name : P7
Client Sample ID : S8 Dilution Factor : 1
Date & Time Acquired : 2025-12-03 10:26:39 DataFile Name : 011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	16834	17348	17144	17109	1.51	cps
Lead	207-1	14858	15119	15108	15028	0.98	cps
Lead	208-1	68458	69991	70102	69517	1.32	cps
Lithium	6-1	978574	1024344	990095	997671	2.39	cps
Magnesium	24-2	120152818	118883252	121001322	120012464	0.89	cps
Manganese	55-2	13032	13116	13326	13158	1.15	cps
Molybdenum	94-1	8813	9220	9126	9053	2.35	cps
Molybdenum	95-1	10801	10814	10741	10785	0.36	cps
Molybdenum	96-1	14244	14731	14864	14613	2.24	cps
Molybdenum	97-1	7018	6602	6865	6828	3.09	cps
Molybdenum	98-1	17150	16910	17030	17030	0.71	cps
Neodymium	150-1	77	120	127	108	25.19	cps
Neodymium	150-2	33	60	63	52	31.49	cps
Nickel	60-2	11568	11798	11331	11566	2.02	cps
Phosphorus	31-2	917	1093	1013	1008	8.78	cps
Potassium	39-2	57304211	58115259	58331256	57916909	0.93	cps
Rhodium	103-1	5107174	5154054	5202040	5154423	0.92	cps
Rhodium	103-2	3323181	3259721	3218630	3267177	1.61	cps
Scandium	45-1	3651712	3782463	3861151	3765109	2.81	cps
Scandium	45-2	338667	337922	336960	337849	0.25	cps
Selenium	82-1	320	308	410	346	16.17	cps
Selenium	77-2	17	20	30	22	31.22	cps
Selenium	78-2	387	330	360	359	7.90	cps
Silicon	28-1	1183728	1199617	1205245	1196197	0.93	cps
Silver	107-1	10604	11031	11301	10979	3.20	cps
Silver	109-1	9897	10487	10344	10243	3.01	cps
Sodium	23-2	186396791	180886351	182563831	183282324	1.54	cps
Strontium	86-1	18989	19096	19293	19126	0.81	cps
Strontium	88-1	159543	164921	164199	162888	1.79	cps
Sulfur	34-1	175279	179315	182341	178978	1.98	cps
Terbium	159-1	6914668	7124688	6969684	7003013	1.56	cps
Terbium	159-2	4998268	4838438	4731410	4856039	2.77	cps
Thallium	203-1	9310	9844	9473	9542	2.87	cps
Thallium	205-1	22385	22525	22402	22437	0.34	cps
Tin	118-1	7429	7802	7816	7682	2.86	cps
Titanium	47-1	1653	1573	1573	1600	2.89	cps

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : S8 Instrumnet Name : P7
Client Sample ID : S8 Dilution Factor : 1
Date & Time Acquired : 2025-12-03 10:26:39 DataFile Name : 011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1177	1167	990	1111	9.45	cps
Vanadium	51-2	1593	1660	1687	1647	2.92	cps
Yttrium	89-1	7228584	7168674	7300851	7232703	0.92	cps
Yttrium	89-2	1928739	1873937	1893934	1898870	1.46	cps
Zinc	66-2	6488	6942	7082	6837	4.54	cps
Zirconium	90-1	7285	7262	7239	7262	0.32	cps
Zirconium	91-1	1533	1733	1603	1623	6.25	cps

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : ICV01 Instrumnet Name : P7
Client Sample ID : ICV01 Dilution Factor : 1
Date & Time Acquired : 2025-12-03 10:59:33 DataFile Name : 014ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	201804	207701	204519	204674	1.44	cps
Antimony	121-1	1845205	1823753	1890864	1853274	1.85	cps
Arsenic	75-2	275065	276583	276595	276081	0.32	cps
Barium	135-1	1683879	1721223	1716656	1707252	1.19	cps
Barium	137-1	2907281	2925079	2903448	2911936	0.40	cps
Beryllium	9-1	43477	43631	43153	43421	0.56	cps
Bismuth	209-1	4821183	4748091	4846157	4805144	1.06	cps
Bismuth	209-2	4026518	4005519	3951241	3994426	0.97	cps
Bromine	81-1	8896	8446	8696	8679	2.60	cps
Bromine	81-2	117	83	93	98	17.50	cps
Cadmium	108-1	18265	17467	17841	17858	2.23	cps
Cadmium	106-1	25730	26127	25833	25897	0.80	cps
Cadmium	111-1	268739	272951	273479	271723	0.96	cps
Calcium	43-1	59904	60862	60202	60323	0.81	cps
Calcium	44-1	982458	993902	993276	989879	0.65	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	378023	378394	373850	376756	0.67	cps
Cobalt	59-2	1496334	1508884	1512363	1505860	0.56	cps
Copper	63-2	543001	542746	541357	542368	0.16	cps
Dysprosium	156-1	17	27	17	20	28.86	cps
Dysprosium	156-2	90	77	80	82	8.44	cps
Erbium	164-1	37	17	33	29	37.08	cps
Erbium	164-2	20	23	30	24	20.83	cps
Gadolinium	160-1	30	40	43	38	18.36	cps
Gadolinium	160-2	323	333	417	358	14.32	cps
Holmium	165-1	7322479	7178020	7275241	7258580	1.01	cps
Holmium	165-2	5214855	5017343	5093214	5108471	1.95	cps
Indium	115-1	5995435	6019022	5907028	5973828	0.99	cps
Indium	115-2	2186837	2044587	2157537	2129654	3.53	cps
Iron	56-2	1714345	1722314	1715096	1717252	0.26	cps
Iron	57-2	44793	45870	45291	45318	1.19	cps
Iron	54-2	109703	111623	110690	110672	0.87	cps
Krypton	83-1	340	353	363	352	3.32	cps

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : ICV01 Instrumnet Name : P7
Client Sample ID : ICV01 Dilution Factor : 1
Date & Time Acquired : 2025-12-03 10:59:33 DataFile Name : 014ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1311445	1311219	1345845	1322836	1.51	cps
Lead	207-1	1139193	1148868	1154123	1147395	0.66	cps
Lead	208-1	5500348	5523501	5584333	5536061	0.78	cps
Lithium	6-1	1085462	1092962	1047028	1075151	2.29	cps
Magnesium	24-2	950218	957347	948537	952034	0.49	cps
Manganese	55-2	735700	739723	734334	736586	0.38	cps
Molybdenum	94-1	1220	1233	1157	1203	3.40	cps
Molybdenum	95-1	1647	1763	1773	1728	4.08	cps
Molybdenum	96-1	1917	2100	1997	2005	4.59	cps
Molybdenum	97-1	1003	1103	1013	1040	5.30	cps
Molybdenum	98-1	2747	2854	2854	2818	2.19	cps
Neodymium	150-1	70	53	63	62	13.48	cps
Neodymium	150-2	10	3	20	11	75.52	cps
Nickel	60-2	393303	391497	394567	393122	0.39	cps
Phosphorus	31-2	1023	877	850	917	10.18	cps
Potassium	39-2	1033452	1048457	1040622	1040844	0.72	cps
Rhodium	103-1	6009180	5889102	5952018	5950100	1.01	cps
Rhodium	103-2	3738611	3665958	3760016	3721528	1.32	cps
Scandium	45-1	4136050	4204564	4057586	4132733	1.78	cps
Scandium	45-2	362364	356726	357417	358836	0.86	cps
Selenium	82-1	54051	54666	54089	54269	0.63	cps
Selenium	77-2	5614	5414	5178	5402	4.05	cps
Selenium	78-2	18732	18532	18054	18439	1.89	cps
Silicon	28-1	1141400	861566	859391	954119	17.00	cps
Silver	107-1	1136062	1164615	1169532	1156736	1.56	cps
Silver	109-1	1078343	1100177	1108512	1095677	1.42	cps
Sodium	23-2	1544394	1566274	1549425	1553364	0.74	cps
Strontium	86-1	833	837	820	830	1.06	cps
Strontium	88-1	1593	1507	1547	1549	2.80	cps
Sulfur	34-1	182803	180850	181470	181707	0.55	cps
Terbium	159-1	7499027	7374929	7321246	7398401	1.23	cps
Terbium	159-2	5217283	5072475	5113240	5134333	1.45	cps
Thallium	203-1	1593657	1603453	1603124	1600078	0.35	cps
Thallium	205-1	4042555	3972397	3860603	3958518	2.32	cps
Tin	118-1	3084	3007	3037	3043	1.27	cps
Titanium	47-1	460	533	497	497	7.38	cps

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : ICV01 Instrumnet Name : P7
Client Sample ID : ICV01 Dilution Factor : 1
Date & Time Acquired : 2025-12-03 10:59:33 DataFile Name : 014ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	60	97	87	81	23.37	cps
Vanadium	51-2	774011	785343	771033	776796	0.97	cps
Yttrium	89-1	7825873	7874730	7797817	7832807	0.50	cps
Yttrium	89-2	2113456	2027033	2028076	2056189	2.41	cps
Zinc	66-2	214276	217611	217622	216503	0.89	cps
Zirconium	90-1	557	473	520	517	8.08	cps
Zirconium	91-1	287	260	263	270	5.38	cps

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : LLICV01 Instrumnet Name : P7
Client Sample ID : LLICV01 Dilution Factor : 1
Date & Time Acquired : 2025-12-03 11:10:21 DataFile Name : 017LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2997	3157	3250	3135	4.09	cps
Antimony	121-1	9253	9233	9273	9253	0.22	cps
Arsenic	75-2	798	870	848	839	4.37	cps
Barium	135-1	10417	10344	10050	10270	1.89	cps
Barium	137-1	18235	17671	17745	17884	1.71	cps
Beryllium	9-1	1240	1077	1243	1187	8.03	cps
Bismuth	209-1	4994526	4934005	4766551	4898361	2.41	cps
Bismuth	209-2	4010868	4090349	4162712	4087976	1.86	cps
Bromine	81-1	8736	8753	8766	8752	0.17	cps
Bromine	81-2	113	107	83	101	15.58	cps
Cadmium	108-1	103	57	100	87	30.04	cps
Cadmium	106-1	2004	2134	1943	2027	4.79	cps
Cadmium	111-1	2594	2684	2511	2596	3.34	cps
Calcium	43-1	8432	8489	8576	8499	0.85	cps
Calcium	44-1	157920	161830	160624	160125	1.25	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5484	5261	5241	5329	2.54	cps
Cobalt	59-2	4184	4234	4011	4143	2.83	cps
Copper	63-2	6525	6361	6685	6524	2.48	cps
Dysprosium	156-1	3	3	0	2	86.60	cps
Dysprosium	156-2	0	10	17	9	94.38	cps
Erbium	164-1	33	23	37	31	22.31	cps
Erbium	164-2	20	10	27	19	44.42	cps
Gadolinium	160-1	20	27	40	29	35.25	cps
Gadolinium	160-2	340	253	323	306	15.05	cps
Holmium	165-1	7489681	7311423	7438249	7413118	1.24	cps
Holmium	165-2	5066145	5252276	5142988	5153803	1.81	cps
Indium	115-1	6247409	6054624	6112227	6138087	1.61	cps
Indium	115-2	2168157	2231481	2153707	2184449	1.89	cps
Iron	56-2	127233	125516	122589	125113	1.88	cps
Iron	57-2	3974	3694	3817	3828	3.67	cps
Iron	54-2	7492	7679	7645	7605	1.31	cps
Krypton	83-1	347	343	430	373	13.15	cps

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : LLICV01 Instrumnet Name : P7
Client Sample ID : LLICV01 Dilution Factor : 1
Date & Time Acquired : 2025-12-03 11:10:21 DataFile Name : 017LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3240	3477	3397	3372	3.57	cps
Lead	207-1	3044	2900	3020	2988	2.57	cps
Lead	208-1	13623	13683	13740	13682	0.43	cps
Lithium	6-1	1138768	1109906	1128718	1125797	1.30	cps
Magnesium	24-2	122762	121661	122627	122350	0.49	cps
Manganese	55-2	2560	2410	2530	2500	3.18	cps
Molybdenum	94-1	10334	10167	10260	10254	0.82	cps
Molybdenum	95-1	12148	11882	12062	12031	1.13	cps
Molybdenum	96-1	13133	13463	13596	13397	1.78	cps
Molybdenum	97-1	7545	7465	7195	7402	2.48	cps
Molybdenum	98-1	18495	18912	19249	18886	2.00	cps
Neodymium	150-1	7	0	17	8	107.84	cps
Neodymium	150-2	0	7	0	2	173.21	cps
Nickel	60-2	1017	1020	1153	1063	7.33	cps
Phosphorus	31-2	2747	2937	2787	2824	3.55	cps
Potassium	39-2	165874	164296	164235	164802	0.56	cps
Rhodium	103-1	6243493	5984547	6106520	6111520	2.12	cps
Rhodium	103-2	3741577	3747226	3755805	3748203	0.19	cps
Scandium	45-1	4161583	4260999	4211179	4211254	1.18	cps
Scandium	45-2	359295	357038	361670	359334	0.64	cps
Selenium	82-1	837	873	753	821	7.51	cps
Selenium	77-2	63	90	97	83	21.17	cps
Selenium	78-2	517	507	487	503	3.03	cps
Silicon	28-1	854236	854002	872958	860399	1.26	cps
Silver	107-1	6995	7175	6995	7055	1.47	cps
Silver	109-1	6638	6495	6615	6583	1.17	cps
Sodium	23-2	202495	203578	202727	202933	0.28	cps
Strontium	86-1	2194	2250	2134	2192	2.66	cps
Strontium	88-1	13169	13610	13973	13584	2.96	cps
Sulfur	34-1	190646	190997	191052	190898	0.12	cps
Terbium	159-1	7510049	7540543	7441344	7497312	0.68	cps
Terbium	159-2	5092510	5274835	5145818	5171054	1.81	cps
Thallium	203-1	4794	4584	4801	4726	2.61	cps
Thallium	205-1	10744	11175	10831	10917	2.08	cps
Tin	118-1	19480	19700	19650	19610	0.59	cps
Titanium	47-1	3751	3680	3914	3782	3.17	cps

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : LLICV01 Instrumnet Name : P7
Client Sample ID : LLICV01 Dilution Factor : 1
Date & Time Acquired : 2025-12-03 11:10:21 DataFile Name : 017LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	13026	13247	13207	13160	0.89	cps
Vanadium	51-2	10067	9360	9920	9782	3.81	cps
Yttrium	89-1	8108924	8115396	7907073	8043798	1.47	cps
Yttrium	89-2	2070343	2078880	2062236	2070486	0.40	cps
Zinc	66-2	4147	4067	4014	4076	1.65	cps
Zirconium	90-1	8586	9146	8990	8907	3.25	cps
Zirconium	91-1	1887	1827	1843	1852	1.67	cps

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : ICB01 Instrumnet Name : P7
Client Sample ID : ICB01 Dilution Factor : 1
Date & Time Acquired : 2025-12-03 11:13:39 DataFile Name : 018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	803	890	850	848	5.12	cps
Antimony	121-1	207	180	213	200	8.82	cps
Arsenic	75-2	38	34	31	34	10.82	cps
Barium	135-1	100	110	97	102	6.79	cps
Barium	137-1	133	183	147	154	16.76	cps
Beryllium	9-1	7	17	17	13	43.29	cps
Bismuth	209-1	4749319	4781869	4686092	4739094	1.03	cps
Bismuth	209-2	4050556	3951325	3972927	3991603	1.31	cps
Bromine	81-1	8633	8422	8506	8520	1.24	cps
Bromine	81-2	73	107	77	86	21.46	cps
Cadmium	108-1	13	7	10	10	33.30	cps
Cadmium	106-1	1973	1960	1683	1872	8.75	cps
Cadmium	111-1	1399	1411	1215	1341	8.19	cps
Calcium	43-1	953	997	923	958	3.85	cps
Calcium	44-1	40651	40755	40979	40795	0.41	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	877	817	750	814	7.78	cps
Cobalt	59-2	217	237	210	221	6.28	cps
Copper	63-2	1050	1027	1053	1043	1.39	cps
Dysprosium	156-1	3	3	3	3	0.00	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	37	10	30	26	54.31	cps
Erbium	164-2	30	27	20	26	19.92	cps
Gadolinium	160-1	47	37	30	38	22.21	cps
Gadolinium	160-2	230	317	310	286	16.89	cps
Holmium	165-1	7222113	7199047	7083830	7168330	1.03	cps
Holmium	165-2	5141424	5086390	5180713	5136176	0.92	cps
Indium	115-1	6072873	5914426	5894252	5960517	1.64	cps
Indium	115-2	2172799	2121275	2156523	2150199	1.22	cps
Iron	56-2	14497	14133	14023	14218	1.74	cps
Iron	57-2	947	970	1067	994	6.40	cps
Iron	54-2	1420	1363	1437	1407	2.73	cps
Krypton	83-1	400	413	410	408	1.70	cps

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : ICB01 Instrumnet Name : P7
Client Sample ID : ICB01 Dilution Factor : 1
Date & Time Acquired : 2025-12-03 11:13:39 DataFile Name : 018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	357	333	317	336	5.99	cps
Lead	207-1	363	353	323	347	6.00	cps
Lead	208-1	1640	1480	1393	1504	8.32	cps
Lithium	6-1	1106003	1090867	1054665	1083845	2.43	cps
Magnesium	24-2	987	870	917	924	6.35	cps
Manganese	55-2	693	747	623	688	8.99	cps
Molybdenum	94-1	230	250	300	260	13.87	cps
Molybdenum	95-1	213	207	200	207	3.23	cps
Molybdenum	96-1	277	240	257	258	7.12	cps
Molybdenum	97-1	110	127	140	126	11.97	cps
Molybdenum	98-1	323	297	363	328	10.24	cps
Neodymium	150-1	3	3	7	4	43.40	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	163	150	133	149	10.09	cps
Phosphorus	31-2	863	797	787	816	5.11	cps
Potassium	39-2	44645	43338	43388	43791	1.69	cps
Rhodium	103-1	6114187	6034480	5995741	6048136	1.00	cps
Rhodium	103-2	3783895	3766280	3793387	3781187	0.36	cps
Scandium	45-1	4117537	4119191	4079629	4105453	0.55	cps
Scandium	45-2	350003	354904	353928	352945	0.73	cps
Selenium	82-1	107	124	91	107	15.11	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	260	293	303	286	7.94	cps
Silicon	28-1	843170	1142101	842210	942494	18.34	cps
Silver	107-1	167	153	217	179	18.66	cps
Silver	109-1	190	217	143	183	20.24	cps
Sodium	23-2	17256	17096	17050	17134	0.63	cps
Strontium	86-1	567	630	743	647	13.84	cps
Strontium	88-1	500	457	520	492	6.58	cps
Sulfur	34-1	180162	184195	182964	182440	1.13	cps
Terbium	159-1	7292517	7573515	7161585	7342539	2.87	cps
Terbium	159-2	5206223	5064082	5083835	5118047	1.50	cps
Thallium	203-1	227	210	177	204	12.45	cps
Thallium	205-1	500	460	510	490	5.40	cps
Tin	118-1	1187	1100	1140	1142	3.80	cps
Titanium	47-1	123	123	150	132	11.65	cps

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : ICB01 Instrumnet Name : P7
Client Sample ID : ICB01 Dilution Factor : 1
Date & Time Acquired : 2025-12-03 11:13:39 DataFile Name : 018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	137	80	120	112	25.95	cps
Vanadium	51-2	33	40	53	42	24.12	cps
Yttrium	89-1	7873898	7998788	7774179	7882289	1.43	cps
Yttrium	89-2	2060866	2037505	2057583	2051985	0.62	cps
Zinc	66-2	1183	1177	1160	1173	1.02	cps
Zirconium	90-1	413	470	503	462	9.84	cps
Zirconium	91-1	87	110	103	100	12.02	cps

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : ICSA01 Instrumnet Name : P7
Client Sample ID : ICSA01 Dilution Factor : 1
Date & Time Acquired : 2025-12-03 11:18:27 DataFile Name : 019ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12037821	11844814	12082026	11988220	1.05	cps
Antimony	121-1	4824	5094	4938	4952	2.74	cps
Arsenic	75-2	550	596	605	584	5.00	cps
Barium	135-1	1393	1727	1623	1581	10.79	cps
Barium	137-1	2507	2774	2634	2638	5.06	cps
Beryllium	9-1	363	280	350	331	13.52	cps
Bismuth	209-1	4587235	4592917	4738913	4639689	1.85	cps
Bismuth	209-2	3877130	3921355	3854133	3884206	0.88	cps
Bromine	81-1	9083	9680	10017	9593	4.93	cps
Bromine	81-2	433	357	433	408	10.85	cps
Cadmium	108-1	747	753	797	766	3.55	cps
Cadmium	106-1	1603	1737	1710	1683	4.19	cps
Cadmium	111-1	1550	1605	1643	1599	2.93	cps
Calcium	43-1	1393816	1403679	1377962	1391819	0.93	cps
Calcium	44-1	22380230	22733572	22631614	22581805	0.81	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	45719	45719	45291	45577	0.54	cps
Cobalt	59-2	4371	4727	4981	4693	6.53	cps
Copper	63-2	20728	20778	20911	20806	0.46	cps
Dysprosium	156-1	20	27	13	20	33.35	cps
Dysprosium	156-2	7	37	10	18	92.48	cps
Erbium	164-1	23	37	37	32	23.90	cps
Erbium	164-2	10	40	13	21	77.90	cps
Gadolinium	160-1	53	57	67	59	11.79	cps
Gadolinium	160-2	337	290	303	310	7.75	cps
Holmium	165-1	7154249	7305132	7357899	7272426	1.45	cps
Holmium	165-2	5125278	5208126	5005467	5112957	1.99	cps
Indium	115-1	5709863	5853789	5802561	5788737	1.26	cps
Indium	115-2	2058342	2018331	2056692	2044455	1.11	cps
Iron	56-2	203846330	207435030	204031177	205104179	0.99	cps
Iron	57-2	5104274	4989270	4993180	5028908	1.30	cps
Iron	54-2	11212057	11190104	11229400	11210520	0.18	cps
Krypton	83-1	373	397	403	391	4.03	cps

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : ICSA01 Instrumnet Name : P7
Client Sample ID : ICSA01 Dilution Factor : 1
Date & Time Acquired : 2025-12-03 11:18:27 DataFile Name : 019ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	15793	16640	15879	16104	2.90	cps
Lead	207-1	12342	13197	13200	12913	3.83	cps
Lead	208-1	58943	62493	61802	61079	3.08	cps
Lithium	6-1	1090838	1087937	1072755	1083843	0.90	cps
Magnesium	24-2	21843791	22675166	23010563	22509840	2.67	cps
Manganese	55-2	13833	13793	14037	13888	0.94	cps
Molybdenum	94-1	2625601	2592627	2591680	2603303	0.74	cps
Molybdenum	95-1	4435626	4567713	4502185	4501841	1.47	cps
Molybdenum	96-1	4618370	4835320	4823946	4759212	2.57	cps
Molybdenum	97-1	2802956	2759333	2848910	2803733	1.60	cps
Molybdenum	98-1	7137483	7151452	7256991	7181976	0.91	cps
Neodymium	150-1	13	20	20	18	21.66	cps
Neodymium	150-2	7	10	13	10	33.30	cps
Nickel	60-2	5868	5508	5444	5607	4.07	cps
Phosphorus	31-2	761806	773238	772022	769022	0.82	cps
Potassium	39-2	23003247	23061068	23474670	23179662	1.11	cps
Rhodium	103-1	5518885	5671105	5697247	5629079	1.71	cps
Rhodium	103-2	3630640	3564881	3593058	3596193	0.92	cps
Scandium	45-1	4117720	3976865	4043824	4046136	1.74	cps
Scandium	45-2	346497	347630	352093	348740	0.85	cps
Selenium	82-1	195	111	107	137	36.17	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	317	293	313	308	4.10	cps
Silicon	28-1	907756	1187489	1155784	1083676	14.13	cps
Silver	107-1	583	493	377	484	21.39	cps
Silver	109-1	597	443	257	432	39.40	cps
Sodium	23-2	36914334	37397898	38075259	37462497	1.56	cps
Strontium	86-1	48205	49085	49399	48897	1.27	cps
Strontium	88-1	414344	418429	423552	418775	1.10	cps
Sulfur	34-1	2733625	2754564	2810423	2766204	1.44	cps
Terbium	159-1	7236224	7402119	7439072	7359138	1.47	cps
Terbium	159-2	5077151	5123304	4998813	5066423	1.24	cps
Thallium	203-1	313	443	477	411	20.99	cps
Thallium	205-1	890	963	1217	1023	16.75	cps
Tin	118-1	1730	1880	2187	1932	12.05	cps
Titanium	47-1	1387797	1376013	1382092	1381968	0.43	cps

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : ICSA01 Instrumnet Name : P7
Client Sample ID : ICSA01 Dilution Factor : 1
Date & Time Acquired : 2025-12-03 11:18:27 DataFile Name : 019ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	290	347	310	316	9.11	cps
Vanadium	51-2	473	490	410	458	9.22	cps
Yttrium	89-1	7629075	7787335	7757453	7724621	1.09	cps
Yttrium	89-2	2037261	2008277	1970015	2005184	1.68	cps
Zinc	66-2	6658	6615	6778	6684	1.27	cps
Zirconium	90-1	930	887	840	886	5.08	cps
Zirconium	91-1	220	183	210	204	9.27	cps

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : ICSAB01 Instrumnet Name : P7
Client Sample ID : ICSAB01 Dilution Factor : 1
Date & Time Acquired : 2025-12-03 11:21:31 DataFile Name : 020ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12322601	12372539	12222250	12305797	0.62	cps
Antimony	121-1	92180	94975	94287	93814	1.55	cps
Arsenic	75-2	14170	13854	14074	14033	1.15	cps
Barium	135-1	21830	21947	22745	22174	2.24	cps
Barium	137-1	38425	40013	39435	39291	2.04	cps
Beryllium	9-1	21218	22046	21739	21667	1.93	cps
Bismuth	209-1	4685031	4871153	4775979	4777388	1.95	cps
Bismuth	209-2	3937568	3964748	3972511	3958276	0.46	cps
Bromine	81-1	10267	10984	11661	10971	6.36	cps
Bromine	81-2	463	440	440	448	3.01	cps
Cadmium	108-1	2340	2537	2334	2404	4.81	cps
Cadmium	106-1	4137	4314	4327	4260	2.49	cps
Cadmium	111-1	28283	28503	28995	28594	1.28	cps
Calcium	43-1	1413340	1423523	1437718	1424860	0.86	cps
Calcium	44-1	22500639	22966830	23222874	22896781	1.60	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	95802	94310	95889	95334	0.93	cps
Cobalt	59-2	78722	78028	78424	78391	0.44	cps
Copper	63-2	75791	74572	75419	75261	0.83	cps
Dysprosium	156-1	17	13	13	14	13.35	cps
Dysprosium	156-2	10	30	10	17	69.28	cps
Erbium	164-1	47	43	60	50	17.64	cps
Erbium	164-2	27	40	27	31	24.74	cps
Gadolinium	160-1	27	53	40	40	33.33	cps
Gadolinium	160-2	337	257	317	303	13.73	cps
Holmium	165-1	7245751	7621559	7409121	7425477	2.54	cps
Holmium	165-2	5032975	5327899	5184926	5181933	2.85	cps
Indium	115-1	5924866	5923003	6034466	5960778	1.07	cps
Indium	115-2	2098696	2162676	2145961	2135778	1.55	cps
Iron	56-2	205753197	211097257	213037537	209962664	1.80	cps
Iron	57-2	5123657	5173891	5122859	5140136	0.57	cps
Iron	54-2	11492767	11378335	11676921	11516007	1.31	cps
Krypton	83-1	370	390	353	371	4.95	cps

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : ICSAB01 Instrumnet Name : P7
Client Sample ID : ICSAB01 Dilution Factor : 1
Date & Time Acquired : 2025-12-03 11:21:31 DataFile Name : 020ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	82043	88210	84608	84954	3.65	cps
Lead	207-1	69932	73055	70572	71186	2.32	cps
Lead	208-1	324275	341322	330256	331951	2.61	cps
Lithium	6-1	1091130	1093278	1086029	1090146	0.34	cps
Magnesium	24-2	23130765	22776459	23166433	23024552	0.94	cps
Manganese	55-2	48414	49966	49244	49208	1.58	cps
Molybdenum	94-1	2660681	2704919	2730140	2698580	1.30	cps
Molybdenum	95-1	4635616	4706733	4867584	4736644	2.51	cps
Molybdenum	96-1	4948349	4989740	5074787	5004292	1.29	cps
Molybdenum	97-1	2891597	2884852	2961824	2912758	1.46	cps
Molybdenum	98-1	7345357	7501299	7388085	7411581	1.09	cps
Neodymium	150-1	23	3	20	16	68.90	cps
Neodymium	150-2	3	7	7	6	34.70	cps
Nickel	60-2	25245	24727	25702	25225	1.93	cps
Phosphorus	31-2	786408	791442	788007	788619	0.33	cps
Potassium	39-2	23715148	24140113	23764180	23873147	0.97	cps
Rhodium	103-1	5737987	5765515	5952194	5818565	2.00	cps
Rhodium	103-2	3545125	3712627	3685748	3647834	2.47	cps
Scandium	45-1	4171197	4111035	4287583	4189938	2.14	cps
Scandium	45-2	350083	368242	362903	360409	2.59	cps
Selenium	82-1	2670	2605	2832	2702	4.33	cps
Selenium	77-2	303	247	247	266	12.32	cps
Selenium	78-2	1097	1097	1167	1120	3.61	cps
Silicon	28-1	882280	1178105	1216337	1092240	16.74	cps
Silver	107-1	120496	122324	124980	122600	1.84	cps
Silver	109-1	114626	116783	116545	115985	1.02	cps
Sodium	23-2	38427421	38126248	38309169	38287613	0.40	cps
Strontium	86-1	51165	50951	52129	51415	1.22	cps
Strontium	88-1	435712	436600	452934	441749	2.20	cps
Sulfur	34-1	2763549	2856035	2859191	2826258	1.92	cps
Terbium	159-1	7556372	7598996	7581627	7578998	0.28	cps
Terbium	159-2	4979266	5236323	5182752	5132780	2.64	cps
Thallium	203-1	83867	88831	86616	86438	2.88	cps
Thallium	205-1	199903	210036	204125	204688	2.49	cps
Tin	118-1	2510	2590	2630	2577	2.37	cps
Titanium	47-1	1399939	1443216	1416397	1419851	1.54	cps

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : ICSAB01 Instrumnet Name : P7
Client Sample ID : ICSAB01 Dilution Factor : 1
Date & Time Acquired : 2025-12-03 11:21:31 DataFile Name : 020ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	380	417	343	380	9.65	cps
Vanadium	51-2	39358	39893	40551	39934	1.50	cps
Yttrium	89-1	7960853	7943883	8269890	8058209	2.28	cps
Yttrium	89-2	2003542	2097024	2054851	2051806	2.28	cps
Zinc	66-2	17704	17420	17701	17608	0.92	cps
Zirconium	90-1	740	747	707	731	2.93	cps
Zirconium	91-1	160	190	130	160	18.75	cps

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : CCV01 Instrumnet Name : P7
Client Sample ID : CCV01 Dilution Factor : 1
Date & Time Acquired : 2025-12-03 11:24:32 DataFile Name : 021CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6032692	6155486	6199118	6129099	1.41	cps
Antimony	121-1	2101078	2082436	2121020	2101511	0.92	cps
Arsenic	75-2	311728	309339	304149	308405	1.26	cps
Barium	135-1	2483741	2478439	2558440	2506873	1.78	cps
Barium	137-1	4393073	4314877	4411258	4373069	1.17	cps
Beryllium	9-1	437177	456714	465854	453248	3.23	cps
Bismuth	209-1	4161526	4205522	4148477	4171842	0.72	cps
Bismuth	209-2	3434459	3480745	3387465	3434223	1.36	cps
Bromine	81-1	9587	9903	9807	9766	1.66	cps
Bromine	81-2	187	173	150	170	10.92	cps
Cadmium	108-1	42198	43298	42997	42831	1.33	cps
Cadmium	106-1	60880	62049	61925	61618	1.04	cps
Cadmium	111-1	593763	603878	606136	601259	1.10	cps
Calcium	43-1	3175866	3318416	3341987	3278756	2.74	cps
Calcium	44-1	51664536	53231698	52728586	52541606	1.52	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1095112	1081702	1070681	1082498	1.13	cps
Cobalt	59-2	1715496	1719629	1663963	1699696	1.82	cps
Copper	63-2	13318261	12944951	13242519	13168577	1.50	cps
Dysprosium	156-1	143	147	143	144	1.33	cps
Dysprosium	156-2	167	230	247	214	19.68	cps
Erbium	164-1	257	257	267	260	2.22	cps
Erbium	164-2	180	197	123	167	23.06	cps
Gadolinium	160-1	123	170	183	159	19.83	cps
Gadolinium	160-2	320	257	360	312	16.69	cps
Holmium	165-1	6651042	6676854	6620618	6649505	0.42	cps
Holmium	165-2	4766322	4573614	4562367	4634101	2.47	cps
Indium	115-1	5324637	5247001	5320980	5297539	0.83	cps
Indium	115-2	1879909	1841923	1850447	1857426	1.07	cps
Iron	56-2	247320163	243576523	241980570	244292419	1.12	cps
Iron	57-2	6010805	6139411	5908543	6019587	1.92	cps
Iron	54-2	13639215	13407399	13306583	13451066	1.27	cps
Krypton	83-1	360	337	333	343	4.23	cps

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : CCV01 Instrumnet Name : P7
Client Sample ID : CCV01 Dilution Factor : 1
Date & Time Acquired : 2025-12-03 11:24:32 DataFile Name : 021CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	7900241	8125883	8124401	8050175	1.61	cps
Lead	207-1	6992929	7125405	7202305	7106880	1.49	cps
Lead	208-1	31932076	32527180	33274158	32577805	2.06	cps
Lithium	6-1	954483	927529	919342	933785	1.97	cps
Magnesium	24-2	56484577	57095644	56889844	56823355	0.55	cps
Manganese	55-2	8858013	8425477	8556629	8613373	2.57	cps
Molybdenum	94-1	7719505	7907117	8097145	7907922	2.39	cps
Molybdenum	95-1	10978169	11501863	11732437	11404157	3.39	cps
Molybdenum	96-1	12094594	12175521	12363521	12211212	1.13	cps
Molybdenum	97-1	6943769	7055978	7204490	7068079	1.85	cps
Molybdenum	98-1	17903890	17917711	17909691	17910430	0.04	cps
Neodymium	150-1	120	127	103	117	10.30	cps
Neodymium	150-2	77	40	30	49	50.26	cps
Nickel	60-2	438049	429032	435760	434280	1.08	cps
Phosphorus	31-2	8102	7602	8366	8023	4.83	cps
Potassium	39-2	27186695	26248427	27454588	26963237	2.35	cps
Rhodium	103-1	5226041	5163880	5119683	5169868	1.03	cps
Rhodium	103-2	3384044	3215630	3226788	3275488	2.88	cps
Scandium	45-1	3653632	3635316	3626753	3638567	0.38	cps
Scandium	45-2	324087	316797	316803	319229	1.32	cps
Selenium	82-1	54215	55407	56103	55242	1.73	cps
Selenium	77-2	5614	5344	5631	5530	2.91	cps
Selenium	78-2	18328	18018	18969	18438	2.63	cps
Silicon	28-1	7903570	8176769	8179035	8086458	1.96	cps
Silver	107-1	2876622	2883992	2870891	2877168	0.23	cps
Silver	109-1	2650974	2699909	2785509	2712131	2.51	cps
Sodium	23-2	89082305	87880519	88753385	88572070	0.70	cps
Strontium	86-1	679770	692277	702899	691649	1.67	cps
Strontium	88-1	6014626	6087815	6213242	6105228	1.65	cps
Sulfur	34-1	197019	200686	202205	199970	1.33	cps
Terbium	159-1	6682772	6809761	6729864	6740799	0.95	cps
Terbium	159-2	4709516	4681876	4545874	4645755	1.89	cps
Thallium	203-1	2082296	2040959	2091039	2071431	1.29	cps
Thallium	205-1	4792429	4954558	4904560	4883849	1.70	cps
Tin	118-1	1773665	1794272	1821690	1796542	1.34	cps
Titanium	47-1	3175275	3258527	3308554	3247452	2.07	cps

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : CCV01 Instrumnet Name : P7
Client Sample ID : CCV01 Dilution Factor : 1
Date & Time Acquired : 2025-12-03 11:24:32 DataFile Name : 021CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	6540948	6677892	7020138	6746326	3.66	cps
Vanadium	51-2	904790	899832	890068	898230	0.83	cps
Yttrium	89-1	7071107	7210603	7106156	7129288	1.02	cps
Yttrium	89-2	1828155	1830617	1803833	1820868	0.81	cps
Zinc	66-2	2490193	2434624	2488386	2471068	1.28	cps
Zirconium	90-1	3774226	3900287	4000538	3891684	2.91	cps
Zirconium	91-1	830308	847074	868502	848628	2.26	cps

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : CCB01 Instrumnet Name : P7
Client Sample ID : CCB01 Dilution Factor : 1
Date & Time Acquired : 2025-12-03 11:27:19 DataFile Name : 022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	797	887	930	871	7.81	cps
Antimony	121-1	1457	1683	2007	1716	16.11	cps
Arsenic	75-2	27	51	46	41	30.87	cps
Barium	135-1	153	87	143	128	28.14	cps
Barium	137-1	207	200	247	218	11.59	cps
Beryllium	9-1	30	37	40	36	14.32	cps
Bismuth	209-1	5093903	5072030	5023080	5063005	0.72	cps
Bismuth	209-2	4111931	4116405	4017299	4081878	1.37	cps
Bromine	81-1	9820	9193	9366	9460	3.42	cps
Bromine	81-2	123	93	130	116	16.90	cps
Cadmium	108-1	20	10	27	19	44.42	cps
Cadmium	106-1	2120	1913	1997	2010	5.17	cps
Cadmium	111-1	1567	1389	1476	1477	6.01	cps
Calcium	43-1	1167	1047	1083	1099	5.60	cps
Calcium	44-1	47056	46775	47400	47077	0.67	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	840	843	803	829	2.68	cps
Cobalt	59-2	203	247	293	248	18.17	cps
Copper	63-2	1877	1857	1870	1868	0.55	cps
Dysprosium	156-1	0	3	0	1	173.21	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	40	60	20	40	50.00	cps
Erbium	164-2	17	30	23	23	28.56	cps
Gadolinium	160-1	20	47	50	39	42.28	cps
Gadolinium	160-2	290	320	253	288	11.60	cps
Holmium	165-1	7585225	7730313	7246552	7520696	3.30	cps
Holmium	165-2	5381676	5259958	5380360	5340665	1.31	cps
Indium	115-1	6410036	6197528	6286408	6297991	1.69	cps
Indium	115-2	2198514	2194492	2184590	2192532	0.33	cps
Iron	56-2	30785	31106	31393	31094	0.98	cps
Iron	57-2	1533	1457	1380	1457	5.26	cps
Iron	54-2	2260	2317	2347	2308	1.91	cps
Krypton	83-1	427	347	407	393	10.59	cps

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : CCB01 Instrumnet Name : P7
Client Sample ID : CCB01 Dilution Factor : 1
Date & Time Acquired : 2025-12-03 11:27:19 DataFile Name : 022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	990	947	1070	1002	6.24	cps
Lead	207-1	780	767	850	799	5.60	cps
Lead	208-1	3864	3807	4074	3915	3.59	cps
Lithium	6-1	1095434	1112797	1094432	1100888	0.94	cps
Magnesium	24-2	4004	4207	4081	4097	2.51	cps
Manganese	55-2	787	843	763	798	5.16	cps
Molybdenum	94-1	987	953	960	967	1.82	cps
Molybdenum	95-1	1330	1240	1243	1271	4.01	cps
Molybdenum	96-1	1437	1270	1233	1313	8.25	cps
Molybdenum	97-1	763	817	727	769	5.89	cps
Molybdenum	98-1	1967	1900	2050	1972	3.81	cps
Neodymium	150-1	10	7	3	7	50.03	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	203	153	223	193	18.65	cps
Phosphorus	31-2	917	850	853	873	4.30	cps
Potassium	39-2	51624	49564	50169	50452	2.10	cps
Rhodium	103-1	6179138	6369958	6283654	6277583	1.52	cps
Rhodium	103-2	3943168	3891656	3850952	3895259	1.19	cps
Scandium	45-1	4267487	4361886	4189681	4273018	2.02	cps
Scandium	45-2	361042	366278	359414	362244	0.99	cps
Selenium	82-1	184	214	180	193	9.59	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	213	333	300	282	21.95	cps
Silicon	28-1	1144123	847051	846673	945949	18.14	cps
Silver	107-1	553	453	380	462	18.82	cps
Silver	109-1	540	3098	393	1344	113.18	cps
Sodium	23-2	38167	37743	36857	37589	1.78	cps
Strontium	86-1	690	633	707	677	5.68	cps
Strontium	88-1	693	687	703	694	1.21	cps
Sulfur	34-1	189475	188710	189857	189347	0.31	cps
Terbium	159-1	7684769	7825408	7665973	7725383	1.13	cps
Terbium	159-2	5334527	5187296	5244040	5255288	1.41	cps
Thallium	203-1	543	647	667	619	10.70	cps
Thallium	205-1	1470	1413	1433	1439	2.00	cps
Tin	118-1	1757	1623	1703	1695	3.96	cps
Titanium	47-1	243	277	280	267	7.60	cps

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : CCB01 Instrumnet Name : P7
Client Sample ID : CCB01 Dilution Factor : 1
Date & Time Acquired : 2025-12-03 11:27:19 DataFile Name : 022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	373	330	330	344	7.26	cps
Vanadium	51-2	90	77	67	78	15.05	cps
Yttrium	89-1	8192701	8254615	8291393	8246236	0.60	cps
Yttrium	89-2	2080380	2100769	2081961	2087703	0.54	cps
Zinc	66-2	1143	1120	1203	1156	3.72	cps
Zirconium	90-1	873	837	850	853	2.18	cps
Zirconium	91-1	177	150	180	169	9.74	cps

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : CRI Instrumnet Name : P7
Client Sample ID : CRI Dilution Factor : 1
Date & Time Acquired : 2025-12-03 11:42:43 DataFile Name : 025LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3304	3247	3174	3241	2.01	cps
Antimony	121-1	9060	9850	9537	9482	4.20	cps
Arsenic	75-2	775	838	845	820	4.69	cps
Barium	135-1	10217	10260	10194	10224	0.33	cps
Barium	137-1	17274	17881	18018	17724	2.24	cps
Beryllium	9-1	1180	1147	1107	1144	3.21	cps
Bismuth	209-1	4790215	4785511	4927657	4834461	1.67	cps
Bismuth	209-2	4114449	4158716	4029037	4100734	1.61	cps
Bromine	81-1	8466	8906	8599	8657	2.61	cps
Bromine	81-2	103	87	103	98	9.84	cps
Cadmium	108-1	107	110	130	116	10.92	cps
Cadmium	106-1	1970	1923	1967	1953	1.33	cps
Cadmium	111-1	2558	2653	2643	2618	1.99	cps
Calcium	43-1	8332	7969	8339	8213	2.58	cps
Calcium	44-1	160041	163221	161405	161556	0.99	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5491	5334	5438	5421	1.47	cps
Cobalt	59-2	4054	3951	4151	4052	2.47	cps
Copper	63-2	6542	6655	6655	6617	0.99	cps
Dysprosium	156-1	17	3	7	9	78.08	cps
Dysprosium	156-2	7	7	0	4	86.60	cps
Erbium	164-1	33	27	23	28	18.33	cps
Erbium	164-2	27	27	17	23	24.74	cps
Gadolinium	160-1	47	50	30	42	25.38	cps
Gadolinium	160-2	313	350	300	321	8.06	cps
Holmium	165-1	7501291	7423933	7367297	7430840	0.91	cps
Holmium	165-2	5308893	5240514	5134581	5227996	1.68	cps
Indium	115-1	6232345	6212698	6271168	6238737	0.48	cps
Indium	115-2	2160693	2198424	2211944	2190354	1.21	cps
Iron	56-2	128611	127573	128003	128062	0.41	cps
Iron	57-2	3887	3984	3841	3904	1.87	cps
Iron	54-2	8002	7789	7742	7844	1.77	cps
Krypton	83-1	327	317	333	326	2.58	cps

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : CRI Instrumnet Name : P7
Client Sample ID : CRI Dilution Factor : 1
Date & Time Acquired : 2025-12-03 11:42:43 DataFile Name : 025LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3564	3470	3581	3538	1.68	cps
Lead	207-1	3047	3260	3077	3128	3.69	cps
Lead	208-1	14206	14707	14440	14451	1.73	cps
Lithium	6-1	1056762	1078531	1084487	1073260	1.36	cps
Magnesium	24-2	118718	121139	120393	120084	1.03	cps
Manganese	55-2	2654	2584	2390	2542	5.37	cps
Molybdenum	94-1	10257	10440	10170	10289	1.34	cps
Molybdenum	95-1	11865	12459	12229	12184	2.46	cps
Molybdenum	96-1	13877	13600	13073	13516	3.02	cps
Molybdenum	97-1	7595	7735	7535	7622	1.35	cps
Molybdenum	98-1	19440	19733	18952	19375	2.04	cps
Neodymium	150-1	3	7	3	4	43.40	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	943	1033	1077	1018	6.68	cps
Phosphorus	31-2	2640	2894	2604	2712	5.82	cps
Potassium	39-2	166570	166857	167207	166878	0.19	cps
Rhodium	103-1	6046375	6001916	6147347	6065213	1.23	cps
Rhodium	103-2	3827705	3781877	3838776	3816119	0.79	cps
Scandium	45-1	4138502	4150624	4149321	4146149	0.16	cps
Scandium	45-2	357282	357465	353203	355983	0.68	cps
Selenium	82-1	875	936	921	911	3.54	cps
Selenium	77-2	93	57	77	76	24.29	cps
Selenium	78-2	490	523	477	497	4.84	cps
Silicon	28-1	843400	836103	832581	837361	0.66	cps
Silver	107-1	6975	6888	6978	6947	0.73	cps
Silver	109-1	6301	6565	6592	6486	2.47	cps
Sodium	23-2	204262	204751	205601	204871	0.33	cps
Strontium	86-1	2074	2317	2250	2214	5.68	cps
Strontium	88-1	13653	13867	13066	13529	3.07	cps
Sulfur	34-1	198039	197147	195591	196925	0.63	cps
Terbium	159-1	7606319	7614167	7461304	7560597	1.14	cps
Terbium	159-2	5142720	5324631	5145048	5204133	2.01	cps
Thallium	203-1	4868	4914	4878	4886	0.50	cps
Thallium	205-1	11395	11405	11245	11348	0.79	cps
Tin	118-1	19964	19500	19690	19718	1.18	cps
Titanium	47-1	3801	3727	3534	3687	3.74	cps

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : CRI Instrumnet Name : P7
Client Sample ID : CRI Dilution Factor : 1
Date & Time Acquired : 2025-12-03 11:42:43 DataFile Name : 025LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	12886	13040	13237	13054	1.35	cps
Vanadium	51-2	9490	9250	9827	9522	3.04	cps
Yttrium	89-1	8165721	7974726	8071854	8070767	1.18	cps
Yttrium	89-2	2078518	2114157	2028735	2073803	2.07	cps
Zinc	66-2	3987	4007	4157	4051	2.29	cps
Zirconium	90-1	8633	9136	8776	8848	2.93	cps
Zirconium	91-1	1933	1960	1893	1929	1.74	cps

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : PB170780BL Instrumnet Name : P7
Client Sample ID : PB170780BL Dilution Factor : 1
Date & Time Acquired : 2025-12-03 11:45:58 DataFile Name : 026CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1093	1157	1193	1148	4.41	cps
Antimony	121-1	93	87	203	128	51.28	cps
Arsenic	75-2	26	20	27	25	15.14	cps
Barium	135-1	73	33	67	58	37.09	cps
Barium	137-1	103	77	73	84	19.47	cps
Beryllium	9-1	13	17	20	17	20.01	cps
Bismuth	209-1	4946138	4835460	4936211	4905936	1.25	cps
Bismuth	209-2	4211142	4150475	4107082	4156233	1.26	cps
Bromine	81-1	9103	9170	8573	8948	3.66	cps
Bromine	81-2	87	127	97	103	20.14	cps
Cadmium	108-1	7	20	7	11	69.25	cps
Cadmium	106-1	1967	1863	1970	1933	3.14	cps
Cadmium	111-1	1405	1320	1398	1375	3.42	cps
Calcium	43-1	1097	1030	1000	1042	4.75	cps
Calcium	44-1	42981	43576	43074	43210	0.74	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	813	817	763	798	3.75	cps
Cobalt	59-2	193	170	173	179	7.06	cps
Copper	63-2	1143	1073	1070	1096	3.78	cps
Dysprosium	156-1	0	7	0	2	173.21	cps
Dysprosium	156-2	0	7	0	2	173.21	cps
Erbium	164-1	30	17	33	27	33.06	cps
Erbium	164-2	7	20	23	17	52.90	cps
Gadolinium	160-1	20	10	33	21	55.45	cps
Gadolinium	160-2	367	327	383	359	8.12	cps
Holmium	165-1	7207701	7486059	7326101	7339954	1.90	cps
Holmium	165-2	5265658	5294615	5219297	5259856	0.72	cps
Indium	115-1	6127022	6269478	6142330	6179610	1.27	cps
Indium	115-2	2127020	2148455	2159960	2145145	0.78	cps
Iron	56-2	16419	16803	16296	16506	1.60	cps
Iron	57-2	1080	1063	937	1027	7.63	cps
Iron	54-2	1490	1497	1500	1496	0.34	cps
Krypton	83-1	310	420	360	363	15.16	cps

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : PB170780BL Instrumnet Name : P7
Client Sample ID : PB170780BL Dilution Factor : 1
Date & Time Acquired : 2025-12-03 11:45:58 DataFile Name : 026CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	533	490	540	521	5.21	cps
Lead	207-1	433	413	387	411	5.69	cps
Lead	208-1	2010	1993	1970	1991	1.01	cps
Lithium	6-1	1120669	1060296	1065534	1082166	3.09	cps
Magnesium	24-2	1223	1207	1057	1162	7.90	cps
Manganese	55-2	623	743	673	680	8.86	cps
Molybdenum	94-1	250	273	303	276	9.70	cps
Molybdenum	95-1	270	270	207	249	14.69	cps
Molybdenum	96-1	297	287	340	308	9.21	cps
Molybdenum	97-1	203	157	200	187	13.95	cps
Molybdenum	98-1	430	423	403	419	3.31	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	7	3	0	3	100.05	cps
Nickel	60-2	160	177	177	171	5.62	cps
Phosphorus	31-2	773	960	987	907	12.82	cps
Potassium	39-2	43783	44742	44512	44346	1.13	cps
Rhodium	103-1	6088676	6251722	6099554	6146651	1.48	cps
Rhodium	103-2	3825494	3805826	3743629	3791650	1.13	cps
Scandium	45-1	4130977	4154324	4185155	4156819	0.65	cps
Scandium	45-2	361484	358225	350840	356849	1.53	cps
Selenium	82-1	228	97	108	144	50.35	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	277	263	273	271	2.56	cps
Silicon	28-1	826891	817138	816214	820081	0.72	cps
Silver	107-1	147	173	210	177	18.00	cps
Silver	109-1	143	197	123	154	24.54	cps
Sodium	23-2	19326	19169	18868	19121	1.22	cps
Strontium	86-1	670	620	667	652	4.29	cps
Strontium	88-1	543	580	500	541	7.40	cps
Sulfur	34-1	190420	191837	190855	191037	0.38	cps
Terbium	159-1	7560334	7782803	7541106	7628081	1.76	cps
Terbium	159-2	5195314	5166116	5042319	5134583	1.58	cps
Thallium	203-1	320	363	307	330	8.98	cps
Thallium	205-1	727	713	817	752	7.47	cps
Tin	118-1	1343	1267	1207	1272	5.39	cps
Titanium	47-1	150	167	123	147	14.90	cps

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : PB170780BL Instrumnet Name : P7
Client Sample ID : PB170780BL Dilution Factor : 1
Date & Time Acquired : 2025-12-03 11:45:58 DataFile Name : 026CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	50	83	67	67	25.00	cps
Vanadium	51-2	40	23	27	30	29.40	cps
Yttrium	89-1	8102257	8135040	8024529	8087275	0.70	cps
Yttrium	89-2	2049976	2111647	2119032	2093552	1.81	cps
Zinc	66-2	1357	1243	1233	1278	5.36	cps
Zirconium	90-1	377	490	467	444	13.47	cps
Zirconium	91-1	90	127	120	112	17.41	cps

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : PB170780BS Instrumnet Name : P7
Client Sample ID : PB170780BS Dilution Factor : 1
Date & Time Acquired : 2025-12-03 11:49:16 DataFile Name : 027LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1136037	1117896	1131974	1128636	0.84	cps
Antimony	121-1	2000006	2057650	2039674	2032443	1.45	cps
Arsenic	75-2	293962	295274	291610	293615	0.63	cps
Barium	135-1	2334987	2366231	2374190	2358469	0.88	cps
Barium	137-1	4014863	4117582	4185755	4106066	2.10	cps
Beryllium	9-1	441413	454608	452170	449397	1.56	cps
Bismuth	209-1	4357991	4417638	4345192	4373607	0.88	cps
Bismuth	209-2	3549840	3630362	3533316	3571173	1.45	cps
Bromine	81-1	8809	8889	8739	8813	0.85	cps
Bromine	81-2	80	93	120	98	20.83	cps
Cadmium	108-1	41827	42920	42930	42559	1.49	cps
Cadmium	106-1	59836	61262	60231	60443	1.22	cps
Cadmium	111-1	580560	600220	596227	592336	1.75	cps
Calcium	43-1	631330	653944	645515	643596	1.78	cps
Calcium	44-1	9796474	10394717	10206037	10132409	3.02	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1010318	1000836	997457	1002870	0.66	cps
Cobalt	59-2	1598209	1617122	1589223	1601518	0.89	cps
Copper	63-2	12870342	12713334	12685682	12756453	0.78	cps
Dysprosium	156-1	30	37	37	34	11.18	cps
Dysprosium	156-2	140	117	113	123	11.78	cps
Erbium	164-1	67	90	83	80	15.02	cps
Erbium	164-2	70	30	40	47	44.61	cps
Gadolinium	160-1	70	73	33	59	37.69	cps
Gadolinium	160-2	290	307	370	322	13.10	cps
Holmium	165-1	6449489	6701102	6867331	6672641	3.15	cps
Holmium	165-2	4587987	4777721	4678765	4681491	2.03	cps
Indium	115-1	5262033	5416115	5255469	5311205	1.71	cps
Indium	115-2	1841721	1887144	1839370	1856078	1.45	cps
Iron	56-2	47166938	46465774	47813894	47148869	1.43	cps
Iron	57-2	1200865	1199670	1192606	1197714	0.37	cps
Iron	54-2	2610794	2584430	2607858	2601027	0.56	cps
Krypton	83-1	403	483	363	417	14.67	cps

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : PB170780BS Instrumnet Name : P7
Client Sample ID : PB170780BS Dilution Factor : 1
Date & Time Acquired : 2025-12-03 11:49:16 DataFile Name : 027LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	7623566	7904732	8012080	7846793	2.56	cps
Lead	207-1	6848531	6905157	7154893	6969527	2.34	cps
Lead	208-1	31145487	31808521	32666942	31873650	2.39	cps
Lithium	6-1	1001696	967747	944216	971220	2.98	cps
Magnesium	24-2	10718925	10234933	10590500	10514786	2.38	cps
Manganese	55-2	8363276	8124914	8130610	8206267	1.66	cps
Molybdenum	94-1	7090166	7482187	7496079	7356144	3.13	cps
Molybdenum	95-1	10362397	10854671	10846542	10687870	2.64	cps
Molybdenum	96-1	11266969	11856603	11592436	11572003	2.55	cps
Molybdenum	97-1	6404438	6608620	6669065	6560708	2.11	cps
Molybdenum	98-1	16454543	16776353	17128451	16786449	2.01	cps
Neodymium	150-1	67	90	103	87	21.41	cps
Neodymium	150-2	27	20	33	27	24.99	cps
Nickel	60-2	416998	420597	411594	416396	1.09	cps
Phosphorus	31-2	7642	7919	7655	7739	2.02	cps
Potassium	39-2	5206751	5097682	5112515	5138983	1.15	cps
Rhodium	103-1	5343909	5408246	5261395	5337850	1.38	cps
Rhodium	103-2	3250001	3306250	3315321	3290524	1.08	cps
Scandium	45-1	3589167	3681506	3672060	3647578	1.39	cps
Scandium	45-2	304527	319379	316228	313378	2.50	cps
Selenium	82-1	55142	56946	58034	56707	2.58	cps
Selenium	77-2	5778	5785	5544	5702	2.40	cps
Selenium	78-2	19086	18879	18518	18828	1.53	cps
Silicon	28-1	7648262	7927581	7880612	7818818	1.91	cps
Silver	107-1	2809776	2868330	2905788	2861298	1.69	cps
Silver	109-1	2643213	2718593	2747070	2702959	1.99	cps
Sodium	23-2	17074928	16328799	16345539	16583089	2.57	cps
Strontium	86-1	633157	649989	654314	645820	1.73	cps
Strontium	88-1	5571951	5756526	5675553	5668010	1.63	cps
Sulfur	34-1	207955	204779	202841	205191	1.26	cps
Terbium	159-1	6515168	6852572	6949837	6772526	3.37	cps
Terbium	159-2	4526140	4690232	4740085	4652152	2.41	cps
Thallium	203-1	1906590	2025806	2036326	1989574	3.62	cps
Thallium	205-1	4630803	4842763	4885428	4786331	2.85	cps
Tin	118-1	1668138	1690387	1737797	1698774	2.09	cps
Titanium	47-1	2943048	3117172	3071537	3043919	2.97	cps

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : PB170780BS Instrumnet Name : P7
Client Sample ID : PB170780BS Dilution Factor : 1
Date & Time Acquired : 2025-12-03 11:49:16 DataFile Name : 027LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	6167392	6389367	6363257	6306672	1.92	cps
Vanadium	51-2	839307	828125	824127	830520	0.95	cps
Yttrium	89-1	7130674	7199273	7202468	7177472	0.57	cps
Yttrium	89-2	1738146	1791658	1831584	1787129	2.62	cps
Zinc	66-2	2498468	2459879	2480077	2479475	0.78	cps
Zirconium	90-1	3602797	3633605	3651701	3629367	0.68	cps
Zirconium	91-1	779319	804333	798922	794191	1.66	cps

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : Q3743-01DLX5 Instrumnet Name : P7
Client Sample ID : TW-1125-1DL Dilution Factor : 5
Date & Time Acquired : 2025-12-03 11:52:02 DataFile Name : 028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4339675	4308231	4253392	4300433	1.02	cps
Antimony	121-1	3927	3774	3874	3858	2.02	cps
Arsenic	75-2	48172	47464	46901	47512	1.34	cps
Barium	135-1	468610	487382	482721	479571	2.04	cps
Barium	137-1	818933	836973	845431	833779	1.62	cps
Beryllium	9-1	3107	3234	3130	3157	2.14	cps
Bismuth	209-1	4779184	4836834	4780017	4798678	0.69	cps
Bismuth	209-2	4051826	4044417	3941897	4012713	1.53	cps
Bromine	81-1	32422	40332	45533	39429	16.74	cps
Bromine	81-2	7339	7555	7695	7530	2.39	cps
Cadmium	108-1	423	363	407	398	7.79	cps
Cadmium	106-1	2597	2534	2414	2515	3.70	cps
Cadmium	111-1	6019	6170	6272	6154	2.07	cps
Calcium	43-1	418297	443087	438937	433440	3.06	cps
Calcium	44-1	6692174	6924538	6937952	6851555	2.02	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1189104	1181807	1168075	1179662	0.91	cps
Cobalt	59-2	155165	152385	153409	153653	0.91	cps
Copper	63-2	564753	556614	556465	559277	0.85	cps
Dysprosium	156-1	58039	58371	59636	58682	1.44	cps
Dysprosium	156-2	53184	51886	52909	52660	1.30	cps
Erbium	164-1	53883	54767	55048	54566	1.11	cps
Erbium	164-2	38878	38363	38510	38583	0.69	cps
Gadolinium	160-1	58971	61247	61290	60502	2.19	cps
Gadolinium	160-2	46527	45919	45788	46078	0.86	cps
Holmium	165-1	7405384	7260429	7370271	7345361	1.03	cps
Holmium	165-2	5246709	5191026	5095178	5177638	1.48	cps
Indium	115-1	5993968	6079748	5979872	6017862	0.90	cps
Indium	115-2	2127509	2143382	2115961	2128950	0.65	cps
Iron	56-2	193031190	192731057	186549317	190770522	1.92	cps
Iron	57-2	4611992	4636910	4633567	4627489	0.29	cps
Iron	54-2	10599658	10199388	10420281	10406442	1.93	cps
Krypton	83-1	407	410	437	418	3.94	cps

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : Q3743-01DLX5 Instrumnet Name : P7
Client Sample ID : TW-1125-1DL Dilution Factor : 5
Date & Time Acquired : 2025-12-03 11:52:02 DataFile Name : 028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1630308	1715853	1654890	1667017	2.64	cps
Lead	207-1	1350348	1386656	1377791	1371598	1.38	cps
Lead	208-1	6557960	6772310	6725648	6685306	1.69	cps
Lithium	6-1	1089687	1068953	1071968	1076869	1.04	cps
Magnesium	24-2	4942975	4888945	4878300	4903407	0.71	cps
Manganese	55-2	5371061	5194901	5210673	5258878	1.85	cps
Molybdenum	94-1	26307	26594	26771	26557	0.88	cps
Molybdenum	95-1	10948	11104	11158	11070	0.99	cps
Molybdenum	96-1	16236	15962	16346	16181	1.22	cps
Molybdenum	97-1	6695	6742	6672	6703	0.53	cps
Molybdenum	98-1	17257	17090	17581	17309	1.44	cps
Neodymium	150-1	93444	95112	95776	94777	1.27	cps
Neodymium	150-2	57349	58340	56730	57473	1.41	cps
Nickel	60-2	81989	81587	83085	82221	0.94	cps
Phosphorus	31-2	24146	24186	24323	24218	0.38	cps
Potassium	39-2	1349674	1324641	1319670	1331328	1.21	cps
Rhodium	103-1	5874101	5873522	5950579	5899401	0.75	cps
Rhodium	103-2	3731962	3624323	3607848	3654711	1.84	cps
Scandium	45-1	4115295	4157225	4184146	4152222	0.84	cps
Scandium	45-2	359405	361423	359931	360253	0.29	cps
Selenium	82-1	508	530	491	509	3.84	cps
Selenium	77-2	297	280	280	286	3.37	cps
Selenium	78-2	590	583	550	574	3.73	cps
Silicon	28-1	71720256	71673204	72303704	71899054	0.49	cps
Silver	107-1	5634	5825	6071	5843	3.75	cps
Silver	109-1	5301	5438	5614	5451	2.88	cps
Sodium	23-2	1059509	1065466	1066715	1063897	0.36	cps
Strontium	86-1	206740	215614	213371	211908	2.18	cps
Strontium	88-1	1777821	1830438	1887596	1831951	3.00	cps
Sulfur	34-1	244110	246357	246640	245702	0.56	cps
Terbium	159-1	7437307	7543735	7715507	7565516	1.86	cps
Terbium	159-2	5135453	5205848	5075536	5138946	1.27	cps
Thallium	203-1	3801	3611	3567	3659	3.39	cps
Thallium	205-1	8529	9310	8853	8897	4.41	cps
Tin	118-1	16199	16263	17174	16545	3.30	cps
Titanium	47-1	534650	552082	550215	545649	1.75	cps

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : Q3743-01DLX5 Instrumnet Name : P7
Client Sample ID : TW-1125-1DL Dilution Factor : 5
Date & Time Acquired : 2025-12-03 11:52:02 DataFile Name : 028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	66117	68559	67835	67504	1.86	cps
Vanadium	51-2	144797	144169	140027	142998	1.81	cps
Yttrium	89-1	8502487	8588220	8622356	8571021	0.72	cps
Yttrium	89-2	2237884	2202025	2234662	2224857	0.89	cps
Zinc	66-2	665447	659635	661420	662168	0.45	cps
Zirconium	90-1	55729	56053	55260	55681	0.72	cps
Zirconium	91-1	12559	12198	12379	12379	1.46	cps

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : Q3743-02DLX5 Instrumnet Name : P7
Client Sample ID : TW-1125-2DL Dilution Factor : 5
Date & Time Acquired : 2025-12-03 11:55:10 DataFile Name : 029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1332671	1340872	1324412	1332651	0.62	cps
Antimony	121-1	2690	2910	2860	2820	4.09	cps
Arsenic	75-2	43705	43641	42885	43410	1.05	cps
Barium	135-1	188302	189938	188917	189052	0.44	cps
Barium	137-1	320211	332255	330353	327606	1.98	cps
Beryllium	9-1	953	1173	1097	1074	10.39	cps
Bismuth	209-1	4825678	4937918	4826636	4863411	1.33	cps
Bismuth	209-2	4053199	4047747	4065957	4055634	0.23	cps
Bromine	81-1	34263	41986	45998	40749	14.64	cps
Bromine	81-2	7902	7439	7949	7763	3.63	cps
Cadmium	108-1	170	203	193	189	9.06	cps
Cadmium	106-1	2124	2007	2184	2105	4.27	cps
Cadmium	111-1	3668	3606	3483	3586	2.62	cps
Calcium	43-1	388199	397119	399132	394817	1.47	cps
Calcium	44-1	6025500	6309735	6262322	6199186	2.46	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	643772	645711	644053	644512	0.16	cps
Cobalt	59-2	106612	105277	105397	105762	0.70	cps
Copper	63-2	269562	269924	269968	269818	0.08	cps
Dysprosium	156-1	19180	19767	19737	19562	1.69	cps
Dysprosium	156-2	17584	17865	17948	17799	1.07	cps
Erbium	164-1	17061	17398	17091	17183	1.09	cps
Erbium	164-2	12459	12582	11969	12337	2.63	cps
Gadolinium	160-1	19627	20001	19524	19717	1.27	cps
Gadolinium	160-2	15018	15185	15298	15167	0.93	cps
Holmium	165-1	7368250	7467282	7242739	7359424	1.53	cps
Holmium	165-2	5105777	5286799	5158848	5183808	1.80	cps
Indium	115-1	5973777	6239362	6039516	6084218	2.27	cps
Indium	115-2	2173029	2145216	2130054	2149433	1.01	cps
Iron	56-2	84356560	84765962	83586809	84236444	0.71	cps
Iron	57-2	2071424	2097660	2072513	2080532	0.71	cps
Iron	54-2	4631506	4635903	4552490	4606633	1.02	cps
Krypton	83-1	343	443	350	379	14.76	cps

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : Q3743-02DLX5 Instrumnet Name : P7
Client Sample ID : TW-1125-2DL Dilution Factor : 5
Date & Time Acquired : 2025-12-03 11:55:10 DataFile Name : 029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	787547	805468	796113	796376	1.13	cps
Lead	207-1	660882	679359	674472	671571	1.43	cps
Lead	208-1	3076316	3263645	3130640	3156867	3.05	cps
Lithium	6-1	1059382	1118416	1090394	1089398	2.71	cps
Magnesium	24-2	3276140	3282959	3238168	3265755	0.74	cps
Manganese	55-2	1753037	1812682	1771896	1779205	1.71	cps
Molybdenum	94-1	6158	6461	6101	6240	3.10	cps
Molybdenum	95-1	1687	1713	1623	1675	2.76	cps
Molybdenum	96-1	3180	3280	3127	3196	2.44	cps
Molybdenum	97-1	1080	1047	1117	1081	3.24	cps
Molybdenum	98-1	2804	2920	2747	2824	3.13	cps
Neodymium	150-1	33867	34318	33967	34051	0.70	cps
Neodymium	150-2	20542	20572	20291	20468	0.75	cps
Nickel	60-2	34777	35342	34376	34832	1.39	cps
Phosphorus	31-2	12769	12585	12535	12630	0.97	cps
Potassium	39-2	878465	868957	866627	871349	0.72	cps
Rhodium	103-1	5949159	6061675	5818361	5943065	2.05	cps
Rhodium	103-2	3741998	3734383	3689082	3721821	0.77	cps
Scandium	45-1	4113683	4076546	4193816	4128015	1.45	cps
Scandium	45-2	360594	358553	356679	358608	0.55	cps
Selenium	82-1	352	280	369	333	14.08	cps
Selenium	77-2	80	80	120	93	24.74	cps
Selenium	78-2	440	397	373	403	8.39	cps
Silicon	28-1	37789605	39210599	39590574	38863593	2.44	cps
Silver	107-1	3691	4001	4077	3923	5.22	cps
Silver	109-1	3767	3714	3724	3735	0.76	cps
Sodium	23-2	2544295	2548935	2572159	2555130	0.58	cps
Strontium	86-1	166067	168190	167563	167273	0.65	cps
Strontium	88-1	1419230	1463972	1478882	1454028	2.14	cps
Sulfur	34-1	186739	183746	185565	185350	0.81	cps
Terbium	159-1	7468908	7675681	7390928	7511839	1.96	cps
Terbium	159-2	5213002	5156896	5065077	5144992	1.45	cps
Thallium	203-1	1810	2024	1980	1938	5.82	cps
Thallium	205-1	4724	4841	4858	4808	1.51	cps
Tin	118-1	15639	16897	16109	16215	3.92	cps
Titanium	47-1	149306	149925	151141	150124	0.62	cps

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : Q3743-02DLX5 Instrumnet Name : P7
Client Sample ID : TW-1125-2DL Dilution Factor : 5
Date & Time Acquired : 2025-12-03 11:55:10 DataFile Name : 029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	21838	21628	22900	22122	3.08	cps
Vanadium	51-2	36771	36374	36404	36516	0.61	cps
Yttrium	89-1	8099143	8258642	8283747	8213844	1.22	cps
Yttrium	89-2	2124297	2118526	2111989	2118271	0.29	cps
Zinc	66-2	392524	387394	390328	390082	0.66	cps
Zirconium	90-1	14247	14677	14687	14537	1.73	cps
Zirconium	91-1	3360	3307	3294	3320	1.06	cps

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : Q3743-02DUPDLX5 Instrumnet Name : P7
Client Sample ID : TW-1125-2DUPDL Dilution Factor : 5
Date & Time Acquired : 2025-12-03 11:58:17 DataFile Name : 030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1343679	1370780	1384127	1366195	1.51	cps
Antimony	121-1	2477	2344	2587	2469	4.94	cps
Arsenic	75-2	43982	44078	44090	44050	0.13	cps
Barium	135-1	189161	191618	191953	190911	0.80	cps
Barium	137-1	326845	335072	335054	332324	1.43	cps
Beryllium	9-1	1057	1093	1067	1072	1.77	cps
Bismuth	209-1	4772670	4873816	4771775	4806087	1.22	cps
Bismuth	209-2	4115157	3611506	3998589	3908417	6.75	cps
Bromine	81-1	40222	46102	50780	45701	11.58	cps
Bromine	81-2	8022	8152	8606	8260	3.71	cps
Cadmium	108-1	160	170	210	180	14.70	cps
Cadmium	106-1	2264	2444	2197	2301	5.55	cps
Cadmium	111-1	3823	3745	3731	3766	1.31	cps
Calcium	43-1	397055	406379	402836	402090	1.17	cps
Calcium	44-1	6323365	6287974	6416111	6342483	1.04	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	658205	662175	656244	658875	0.46	cps
Cobalt	59-2	107347	107670	107220	107412	0.22	cps
Copper	63-2	274747	274579	272045	273790	0.55	cps
Dysprosium	156-1	19580	20178	19931	19896	1.51	cps
Dysprosium	156-2	17858	17922	17444	17741	1.46	cps
Erbium	164-1	16857	17928	17257	17348	3.12	cps
Erbium	164-2	12759	12302	12102	12388	2.72	cps
Gadolinium	160-1	19594	19918	19520	19677	1.07	cps
Gadolinium	160-2	15188	15158	14835	15060	1.30	cps
Holmium	165-1	7549977	7507162	7553409	7536849	0.34	cps
Holmium	165-2	5320388	4759402	5332912	5137567	6.38	cps
Indium	115-1	5969931	6075775	6014859	6020188	0.88	cps
Indium	115-2	2177719	1942078	2121740	2080512	5.92	cps
Iron	56-2	84782849	86145135	85153317	85360434	0.83	cps
Iron	57-2	2130874	2092800	2064048	2095907	1.60	cps
Iron	54-2	4735001	4796917	4702855	4744924	1.01	cps
Krypton	83-1	357	427	437	407	10.72	cps

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : Q3743-02DUPDLX5 Instrumnet Name : P7
Client Sample ID : TW-1125-2DUPDL Dilution Factor : 5
Date & Time Acquired : 2025-12-03 11:58:17 DataFile Name : 030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	790380	804576	806901	800619	1.12	cps
Lead	207-1	667003	679030	666629	670887	1.05	cps
Lead	208-1	3110362	3262761	3270415	3214513	2.81	cps
Lithium	6-1	1081028	1109826	1071031	1087295	1.85	cps
Magnesium	24-2	3260745	3358356	3223138	3280746	2.13	cps
Manganese	55-2	1815490	1852798	1791720	1820002	1.69	cps
Molybdenum	94-1	5988	6351	6448	6263	3.87	cps
Molybdenum	95-1	1593	1687	1637	1639	2.85	cps
Molybdenum	96-1	3147	3270	3260	3226	2.12	cps
Molybdenum	97-1	897	1047	1083	1009	9.80	cps
Molybdenum	98-1	2534	2544	2600	2559	1.40	cps
Neodymium	150-1	33797	34746	33867	34137	1.55	cps
Neodymium	150-2	20795	19961	20235	20330	2.09	cps
Nickel	60-2	36337	36154	35529	36007	1.18	cps
Phosphorus	31-2	13222	13069	12829	13040	1.52	cps
Potassium	39-2	883691	895828	887784	889101	0.69	cps
Rhodium	103-1	5953018	6102344	5908752	5988038	1.69	cps
Rhodium	103-2	3751279	3461260	3741805	3651448	4.51	cps
Scandium	45-1	4175485	4267613	4174280	4205793	1.27	cps
Scandium	45-2	363928	332667	359130	351908	4.78	cps
Selenium	82-1	341	246	284	290	16.40	cps
Selenium	77-2	120	113	117	117	2.85	cps
Selenium	78-2	487	470	353	437	16.64	cps
Silicon	28-1	38995809	40375707	39910620	39760712	1.77	cps
Silver	107-1	3917	4077	3937	3977	2.19	cps
Silver	109-1	3340	3871	3714	3642	7.48	cps
Sodium	23-2	2547348	2600364	2507995	2551902	1.82	cps
Strontium	86-1	166093	169632	170190	168638	1.32	cps
Strontium	88-1	1482415	1506711	1478646	1489257	1.02	cps
Sulfur	34-1	188507	188234	187356	188032	0.32	cps
Terbium	159-1	7486221	7750338	7514443	7583667	1.91	cps
Terbium	159-2	5157516	4745736	5204646	5035966	5.01	cps
Thallium	203-1	2144	2034	1937	2038	5.07	cps
Thallium	205-1	4848	4918	4821	4862	1.03	cps
Tin	118-1	16647	16693	16556	16632	0.42	cps
Titanium	47-1	151962	153299	153527	152929	0.55	cps

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : Q3743-02DUPDLX5 Instrumnet Name : P7
Client Sample ID : TW-1125-2DUPDL Dilution Factor : 5
Date & Time Acquired : 2025-12-03 11:58:17 DataFile Name : 030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	21337	22272	22095	21901	2.27	cps
Vanadium	51-2	36825	37176	36775	36925	0.59	cps
Yttrium	89-1	8025083	8333028	8205954	8188022	1.89	cps
Yttrium	89-2	2188755	1943916	2082941	2071871	5.93	cps
Zinc	66-2	396362	398439	393221	396007	0.66	cps
Zirconium	90-1	14430	15656	15128	15072	4.08	cps
Zirconium	91-1	3187	3317	3330	3278	2.42	cps

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : Q3743-02LDLX25 Instrumnet Name : P7
Client Sample ID : TW-1125-2LDL Dilution Factor : 25
Date & Time Acquired : 2025-12-03 12:01:25 DataFile Name : 031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	265304	265753	264568	265208	0.23	cps
Antimony	121-1	640	650	683	658	3.45	cps
Arsenic	75-2	8710	8868	9135	8904	2.41	cps
Barium	135-1	38452	38001	38435	38296	0.67	cps
Barium	137-1	64693	66662	67295	66217	2.05	cps
Beryllium	9-1	210	250	190	217	14.10	cps
Bismuth	209-1	4829425	4900706	4797665	4842599	1.09	cps
Bismuth	209-2	4169455	4068392	4183066	4140305	1.51	cps
Bromine	81-1	20792	20681	20952	20808	0.65	cps
Bromine	81-2	2180	2154	2064	2132	2.87	cps
Cadmium	108-1	43	47	47	46	4.23	cps
Cadmium	106-1	2097	1970	1890	1986	5.25	cps
Cadmium	111-1	1867	1860	1750	1826	3.59	cps
Calcium	43-1	80884	81169	80851	80968	0.22	cps
Calcium	44-1	1326111	1318687	1309432	1318076	0.63	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	131258	131283	130338	130960	0.41	cps
Cobalt	59-2	21786	22066	22263	22039	1.09	cps
Copper	63-2	55168	56275	56296	55913	1.15	cps
Dysprosium	156-1	3887	4074	3851	3937	3.04	cps
Dysprosium	156-2	3621	3360	3574	3518	3.94	cps
Erbium	164-1	3641	3624	3671	3645	0.65	cps
Erbium	164-2	2504	2397	2434	2445	2.22	cps
Gadolinium	160-1	4044	4127	3731	3967	5.27	cps
Gadolinium	160-2	3227	3150	3644	3340	7.95	cps
Holmium	165-1	7322537	7458818	7398446	7393267	0.92	cps
Holmium	165-2	5399499	5061246	5239180	5233308	3.23	cps
Indium	115-1	6216574	6228214	6163151	6202647	0.56	cps
Indium	115-2	2159194	2188811	2119819	2155941	1.61	cps
Iron	56-2	16729455	17110705	16696042	16845401	1.37	cps
Iron	57-2	425302	431508	433962	430257	1.04	cps
Iron	54-2	965401	958841	970750	964997	0.62	cps
Krypton	83-1	353	393	400	382	6.60	cps

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : Q3743-02LDLX25 Instrumnet Name : P7
Client Sample ID : TW-1125-2LDL Dilution Factor : 25
Date & Time Acquired : 2025-12-03 12:01:25 DataFile Name : 031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	159311	159563	157404	158759	0.74	cps
Lead	207-1	135551	135771	132399	134574	1.40	cps
Lead	208-1	622877	630976	625386	626413	0.66	cps
Lithium	6-1	1081451	1060065	1096136	1079217	1.68	cps
Magnesium	24-2	650127	646806	650575	649170	0.32	cps
Manganese	55-2	353368	362150	356041	357186	1.26	cps
Molybdenum	94-1	1547	1483	1490	1507	2.31	cps
Molybdenum	95-1	527	660	607	598	11.23	cps
Molybdenum	96-1	883	920	993	932	6.01	cps
Molybdenum	97-1	383	380	350	371	4.95	cps
Molybdenum	98-1	1000	927	920	949	4.68	cps
Neodymium	150-1	6785	6818	6812	6805	0.26	cps
Neodymium	150-2	4204	4097	4194	4165	1.41	cps
Nickel	60-2	7479	7268	7035	7261	3.06	cps
Phosphorus	31-2	2940	3427	3147	3171	7.70	cps
Potassium	39-2	213387	212591	213700	213226	0.27	cps
Rhodium	103-1	5947808	6197403	6033761	6059657	2.09	cps
Rhodium	103-2	3823898	3788755	3848005	3820219	0.78	cps
Scandium	45-1	4142594	4176074	4146042	4154903	0.44	cps
Scandium	45-2	362887	356690	359036	359538	0.87	cps
Selenium	82-1	233	151	135	173	30.51	cps
Selenium	77-2	27	27	20	24	15.75	cps
Selenium	78-2	323	290	350	321	9.36	cps
Silicon	28-1	8648468	8822211	8834263	8768314	1.19	cps
Silver	107-1	883	883	943	903	3.83	cps
Silver	109-1	817	843	843	834	1.85	cps
Sodium	23-2	515189	514543	516167	515300	0.16	cps
Strontium	86-1	33832	33568	33639	33680	0.41	cps
Strontium	88-1	292653	296464	294758	294625	0.65	cps
Sulfur	34-1	162032	163197	162884	162704	0.37	cps
Terbium	159-1	7225990	7652097	7473884	7450657	2.87	cps
Terbium	159-2	5376062	5119774	5166285	5220707	2.62	cps
Thallium	203-1	617	600	593	603	1.99	cps
Thallium	205-1	1403	1437	1450	1430	1.68	cps
Tin	118-1	4187	4104	4161	4151	1.03	cps
Titanium	47-1	30684	31403	31139	31075	1.17	cps

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : Q3743-02LDLX25 Instrumnet Name : P7
Client Sample ID : TW-1125-2LDL Dilution Factor : 25
Date & Time Acquired : 2025-12-03 12:01:25 DataFile Name : 031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	4431	4427	4294	4384	1.78	cps
Vanadium	51-2	7342	7302	7422	7355	0.83	cps
Yttrium	89-1	8029941	8175208	7989007	8064719	1.21	cps
Yttrium	89-2	2109759	2046350	2090145	2082084	1.56	cps
Zinc	66-2	80791	81511	80768	81023	0.52	cps
Zirconium	90-1	3250	3240	3210	3234	0.64	cps
Zirconium	91-1	657	650	790	699	11.30	cps

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : Q3743-02MSDLX5 Instrumnet Name : P7
Client Sample ID : TW-1125-2MSDL Dilution Factor : 5
Date & Time Acquired : 2025-12-03 12:04:40 DataFile Name : 032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1479882	1524240	1527286	1510469	1.76	cps
Antimony	121-1	391158	406949	402304	400137	2.03	cps
Arsenic	75-2	103447	104861	104951	104420	0.81	cps
Barium	135-1	585154	609947	602175	599092	2.12	cps
Barium	137-1	1022513	1062951	1048820	1044761	1.96	cps
Beryllium	9-1	92279	93161	90498	91979	1.47	cps
Bismuth	209-1	4815730	4656664	4638495	4703630	2.07	cps
Bismuth	209-2	4010264	3941938	3974946	3975716	0.86	cps
Bromine	81-1	36823	42441	45734	41666	10.81	cps
Bromine	81-2	7769	7879	8079	7909	1.99	cps
Cadmium	108-1	8282	8846	8706	8612	3.41	cps
Cadmium	106-1	13813	14371	14484	14223	2.52	cps
Cadmium	111-1	122178	126643	126192	125005	1.97	cps
Calcium	43-1	500440	506809	501445	502898	0.68	cps
Calcium	44-1	7730439	7971192	7868207	7856613	1.54	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	811816	819438	811875	814376	0.54	cps
Cobalt	59-2	428137	434173	432835	431715	0.73	cps
Copper	63-2	2709624	2690736	2720113	2706824	0.55	cps
Dysprosium	156-1	18282	18996	18312	18530	2.18	cps
Dysprosium	156-2	17080	17431	17177	17230	1.05	cps
Erbium	164-1	16366	16223	16587	16392	1.12	cps
Erbium	164-2	11812	11665	11882	11786	0.94	cps
Gadolinium	160-1	18643	18566	19123	18777	1.61	cps
Gadolinium	160-2	14718	14621	14795	14711	0.59	cps
Holmium	165-1	7413944	7417737	7076262	7302647	2.68	cps
Holmium	165-2	5212796	5192285	5197279	5200787	0.21	cps
Indium	115-1	5895687	5886288	5969611	5917195	0.77	cps
Indium	115-2	2113542	2067638	2053545	2078242	1.51	cps
Iron	56-2	90537045	90482255	87324502	89447934	2.06	cps
Iron	57-2	2172567	2220072	2238871	2210503	1.55	cps
Iron	54-2	4869118	5006081	4999387	4958196	1.56	cps
Krypton	83-1	383	367	443	398	10.14	cps

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : Q3743-02MSDLX5 Instrumnet Name : P7
Client Sample ID : TW-1125-2MSDL Dilution Factor : 5
Date & Time Acquired : 2025-12-03 12:04:40 DataFile Name : 032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2324517	2357073	2328547	2336712	0.76	cps
Lead	207-1	2077243	2095595	2055277	2076038	0.97	cps
Lead	208-1	9415621	9655303	9360523	9477149	1.65	cps
Lithium	6-1	1040500	1072964	978210	1030558	4.67	cps
Magnesium	24-2	5222546	5300676	5279907	5267710	0.77	cps
Manganese	55-2	3205426	3305392	3224354	3245057	1.64	cps
Molybdenum	94-1	689260	703047	709918	700742	1.50	cps
Molybdenum	95-1	747831	756060	772542	758811	1.66	cps
Molybdenum	96-1	839170	857033	880446	858883	2.41	cps
Molybdenum	97-1	469295	483846	490327	481156	2.24	cps
Molybdenum	98-1	1190251	1218694	1251672	1220206	2.52	cps
Neodymium	150-1	30804	32561	31846	31737	2.78	cps
Neodymium	150-2	19724	19283	19384	19464	1.19	cps
Nickel	60-2	120523	119774	120463	120253	0.35	cps
Phosphorus	31-2	12262	12332	12248	12281	0.36	cps
Potassium	39-2	1825942	1789723	1800756	1805474	1.03	cps
Rhodium	103-1	5690791	5734618	6030146	5818518	3.17	cps
Rhodium	103-2	3714855	3703820	3637482	3685386	1.14	cps
Scandium	45-1	4147275	4047327	4066162	4086921	1.30	cps
Scandium	45-2	353882	353534	353604	353673	0.05	cps
Selenium	82-1	11896	11952	11992	11946	0.40	cps
Selenium	77-2	1330	1297	1343	1323	1.82	cps
Selenium	78-2	4407	4344	4361	4371	0.75	cps
Silicon	28-1	39010096	38608552	38265989	38628212	0.96	cps
Silver	107-1	91946	96572	100548	96356	4.47	cps
Silver	109-1	87043	92332	93422	90932	3.75	cps
Sodium	23-2	5657491	5818688	5868761	5781647	1.91	cps
Strontium	86-1	309644	314006	319857	314502	1.63	cps
Strontium	88-1	2755847	2741890	2778544	2758761	0.67	cps
Sulfur	34-1	184792	182944	182435	183390	0.68	cps
Terbium	159-1	7301812	7232994	7290696	7275167	0.51	cps
Terbium	159-2	5151263	5192066	5135378	5159569	0.57	cps
Thallium	203-1	365689	378708	373219	372539	1.75	cps
Thallium	205-1	878350	892240	873257	881282	1.11	cps
Tin	118-1	302795	318512	320588	313965	3.10	cps
Titanium	47-1	144070	146557	143380	144669	1.16	cps

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : Q3743-02MSDLX5 Instrumnet Name : P7
Client Sample ID : TW-1125-2MSDL Dilution Factor : 5
Date & Time Acquired : 2025-12-03 12:04:40 DataFile Name : 032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1154979	1189263	1155628	1166623	1.68	cps
Vanadium	51-2	210617	212337	212051	211668	0.44	cps
Yttrium	89-1	8219876	8019964	8057655	8099165	1.31	cps
Yttrium	89-2	2148512	2134038	2073696	2118749	1.87	cps
Zinc	66-2	839949	839233	841352	840178	0.13	cps
Zirconium	90-1	709985	724160	731703	721950	1.53	cps
Zirconium	91-1	157168	158918	161218	159101	1.28	cps

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : Q3743-02MSDDLX5 Instrumnet Name : P7
Client Sample ID : TW-1125-2MSDDL Dilution Factor : 5
Date & Time Acquired : 2025-12-03 12:07:42 DataFile Name : 033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1545534	1598700	1566383	1570206	1.71	cps
Antimony	121-1	410845	407803	415549	411399	0.95	cps
Arsenic	75-2	106739	107059	107565	107121	0.39	cps
Barium	135-1	607290	609108	622338	612912	1.34	cps
Barium	137-1	1055304	1056472	1079280	1063685	1.27	cps
Beryllium	9-1	89878	95887	99553	95106	5.14	cps
Bismuth	209-1	4810923	4807822	4838374	4819039	0.35	cps
Bismuth	209-2	4064147	3922999	4177218	4054788	3.14	cps
Bromine	81-1	40837	47058	52971	46955	12.92	cps
Bromine	81-2	8949	8763	9019	8911	1.49	cps
Cadmium	108-1	8533	8866	8719	8706	1.92	cps
Cadmium	106-1	14240	13566	14574	14127	3.63	cps
Cadmium	111-1	127518	125542	128838	127299	1.30	cps
Calcium	43-1	503791	531170	541132	525364	3.68	cps
Calcium	44-1	7906246	8245324	8466382	8205984	3.44	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	839127	834711	838449	837429	0.28	cps
Cobalt	59-2	441141	440118	445320	442193	0.62	cps
Copper	63-2	2795733	2791621	2768708	2785354	0.52	cps
Dysprosium	156-1	18566	19383	19297	19082	2.35	cps
Dysprosium	156-2	17855	17424	17568	17616	1.24	cps
Erbium	164-1	16053	16396	16757	16402	2.15	cps
Erbium	164-2	12222	11822	12129	12058	1.74	cps
Gadolinium	160-1	18763	19450	19554	19256	2.23	cps
Gadolinium	160-2	15022	14745	14488	14751	1.81	cps
Holmium	165-1	7384053	7446084	7449859	7426665	0.50	cps
Holmium	165-2	5231707	5199872	5427960	5286513	2.34	cps
Indium	115-1	6072949	6024615	6166493	6088019	1.18	cps
Indium	115-2	2115000	2113372	2223334	2150569	2.93	cps
Iron	56-2	89530762	90496695	92811059	90946172	1.85	cps
Iron	57-2	2252749	2263559	2316937	2277748	1.51	cps
Iron	54-2	4978348	5084504	5030331	5031061	1.06	cps
Krypton	83-1	380	403	363	382	5.26	cps

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : Q3743-02MSDDLX5 Instrumnet Name : P7
Client Sample ID : TW-1125-2MSDDL Dilution Factor : 5
Date & Time Acquired : 2025-12-03 12:07:42 DataFile Name : 033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2388308	2427677	2436720	2417568	1.06	cps
Lead	207-1	2031140	2208722	2190855	2143572	4.56	cps
Lead	208-1	9418416	9831263	9978083	9742587	2.98	cps
Lithium	6-1	993028	1065197	1091291	1049839	4.85	cps
Magnesium	24-2	5402139	5324985	5439916	5389013	1.09	cps
Manganese	55-2	3370550	3311985	3431916	3371484	1.78	cps
Molybdenum	94-1	732448	738709	742522	737893	0.69	cps
Molybdenum	95-1	789791	794159	794004	792651	0.31	cps
Molybdenum	96-1	888708	896916	900106	895243	0.66	cps
Molybdenum	97-1	497815	504670	505512	502666	0.84	cps
Molybdenum	98-1	1252335	1257711	1271495	1260514	0.78	cps
Neodymium	150-1	32507	31732	32745	32328	1.64	cps
Neodymium	150-2	19888	19504	19978	19790	1.27	cps
Nickel	60-2	124751	123409	124083	124081	0.54	cps
Phosphorus	31-2	12195	12652	12715	12521	2.27	cps
Potassium	39-2	1882143	1876447	1876744	1878445	0.17	cps
Rhodium	103-1	6025725	5902331	5828712	5918923	1.68	cps
Rhodium	103-2	3740313	3670449	3817301	3742688	1.96	cps
Scandium	45-1	4109367	4155305	4210660	4158444	1.22	cps
Scandium	45-2	356579	352509	367274	358787	2.13	cps
Selenium	82-1	12685	12779	12827	12764	0.56	cps
Selenium	77-2	1340	1237	1290	1289	4.01	cps
Selenium	78-2	4737	4554	4557	4616	2.27	cps
Silicon	28-1	38204382	40895024	40964768	40021391	3.93	cps
Silver	107-1	97663	98196	99365	98408	0.88	cps
Silver	109-1	92395	94251	93472	93373	1.00	cps
Sodium	23-2	5965733	5924377	6004927	5965012	0.68	cps
Strontium	86-1	321185	326194	330168	325849	1.38	cps
Strontium	88-1	2838347	2840175	2906990	2861837	1.37	cps
Sulfur	34-1	181190	181605	182836	181877	0.47	cps
Terbium	159-1	7458487	7550889	7469096	7492824	0.67	cps
Terbium	159-2	5352722	5207181	5186526	5248810	1.73	cps
Thallium	203-1	370718	382816	389259	380931	2.47	cps
Thallium	205-1	873845	917140	936213	909066	3.52	cps
Tin	118-1	321362	320263	326464	322697	1.03	cps
Titanium	47-1	144706	151995	154404	150368	3.36	cps

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : Q3743-02MSDDLX5 Instrumnet Name : P7
Client Sample ID : TW-1125-2MSDDL Dilution Factor : 5
Date & Time Acquired : 2025-12-03 12:07:42 DataFile Name : 033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1170991	1233364	1252605	1218986	3.50	cps
Vanadium	51-2	216784	213666	217071	215840	0.87	cps
Yttrium	89-1	8333859	8272988	8392498	8333115	0.72	cps
Yttrium	89-2	2127982	2073272	2175725	2125660	2.41	cps
Zinc	66-2	871182	859728	868169	866360	0.69	cps
Zirconium	90-1	744047	755604	773529	757727	1.96	cps
Zirconium	91-1	163181	168149	170040	167123	2.12	cps

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : Q3743-02ADLX5 Instrumnet Name : P7
Client Sample ID : TW-1125-2ADL Dilution Factor : 5
Date & Time Acquired : 2025-12-03 12:10:41 DataFile Name : 034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1600633	1604895	1626741	1610756	0.87	cps
Antimony	121-1	425607	427828	425633	426356	0.30	cps
Arsenic	75-2	110240	110521	109707	110156	0.38	cps
Barium	135-1	632049	641817	630879	634915	0.95	cps
Barium	137-1	1097485	1102433	1090039	1096652	0.57	cps
Beryllium	9-1	91461	96451	98399	95437	3.75	cps
Bismuth	209-1	4838290	4739433	4921851	4833192	1.89	cps
Bismuth	209-2	4051430	3982667	4043002	4025700	0.93	cps
Bromine	81-1	43086	51707	57009	50601	13.89	cps
Bromine	81-2	9460	9920	9697	9692	2.38	cps
Cadmium	108-1	9186	8919	9106	9071	1.51	cps
Cadmium	106-1	15245	15305	15508	15353	0.90	cps
Cadmium	111-1	131340	133860	131921	132374	1.00	cps
Calcium	43-1	521067	541309	551851	538076	2.91	cps
Calcium	44-1	8277959	8490386	8625358	8464568	2.07	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	868895	870608	863872	867791	0.40	cps
Cobalt	59-2	454188	459246	449391	454275	1.08	cps
Copper	63-2	2930281	2873880	2850566	2884909	1.42	cps
Dysprosium	156-1	19146	19534	19691	19457	1.44	cps
Dysprosium	156-2	17701	18733	18205	18213	2.83	cps
Erbium	164-1	16887	16924	16613	16808	1.01	cps
Erbium	164-2	12266	12359	12022	12215	1.42	cps
Gadolinium	160-1	19644	19390	19307	19447	0.90	cps
Gadolinium	160-2	15559	15312	14951	15274	2.00	cps
Holmium	165-1	7612371	7161664	7194490	7322842	3.43	cps
Holmium	165-2	5331101	5382705	5147677	5287161	2.34	cps
Indium	115-1	6077998	6187420	6148460	6137959	0.90	cps
Indium	115-2	2151267	2204416	2095888	2150523	2.52	cps
Iron	56-2	95390835	94286559	93626952	94434782	0.94	cps
Iron	57-2	2338696	2359366	2301035	2333032	1.27	cps
Iron	54-2	5161056	5255239	5172861	5196385	0.99	cps
Krypton	83-1	393	397	440	410	6.35	cps

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : Q3743-02ADLX5 Instrumnet Name : P7
Client Sample ID : TW-1125-2ADL Dilution Factor : 5
Date & Time Acquired : 2025-12-03 12:10:41 DataFile Name : 034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2420110	2482401	2468902	2457138	1.33	cps
Lead	207-1	2104364	2164094	2210000	2159486	2.45	cps
Lead	208-1	9825163	9925917	10036136	9929072	1.06	cps
Lithium	6-1	1061050	1044513	1090846	1065470	2.20	cps
Magnesium	24-2	5532490	5615916	5574379	5574262	0.75	cps
Manganese	55-2	3391893	3492772	3412168	3432278	1.55	cps
Molybdenum	94-1	743150	774674	769596	762473	2.22	cps
Molybdenum	95-1	813974	836718	833369	828020	1.48	cps
Molybdenum	96-1	918936	944355	947572	936955	1.67	cps
Molybdenum	97-1	513410	523669	520627	519236	1.01	cps
Molybdenum	98-1	1295677	1317064	1314470	1309070	0.89	cps
Neodymium	150-1	33246	33370	32939	33185	0.67	cps
Neodymium	150-2	20388	20492	20418	20433	0.26	cps
Nickel	60-2	128266	126461	127164	127297	0.71	cps
Phosphorus	31-2	12879	13249	12882	13003	1.64	cps
Potassium	39-2	1950694	1919233	1915133	1928354	1.01	cps
Rhodium	103-1	6242669	6072061	6088396	6134375	1.53	cps
Rhodium	103-2	3780965	3851847	3753384	3795399	1.34	cps
Scandium	45-1	4120901	4259051	4213968	4197973	1.68	cps
Scandium	45-2	364765	363505	359492	362587	0.76	cps
Selenium	82-1	12554	13469	13270	13098	3.67	cps
Selenium	77-2	1267	1540	1327	1378	10.43	cps
Selenium	78-2	4888	4781	4467	4712	4.63	cps
Silicon	28-1	39735174	41974828	41250822	40986941	2.79	cps
Silver	107-1	104839	104668	103039	104182	0.95	cps
Silver	109-1	96365	97116	96472	96651	0.42	cps
Sodium	23-2	6098883	6190995	6045024	6111634	1.21	cps
Strontium	86-1	334554	343525	344641	340907	1.62	cps
Strontium	88-1	2977462	3041140	3064155	3027586	1.48	cps
Sulfur	34-1	180643	182329	178870	180614	0.96	cps
Terbium	159-1	7789188	7598301	7375474	7587654	2.73	cps
Terbium	159-2	5183184	5274271	5071837	5176431	1.96	cps
Thallium	203-1	389840	386363	392478	389560	0.79	cps
Thallium	205-1	913274	915133	936027	921478	1.37	cps
Tin	118-1	334356	335942	335383	335227	0.24	cps
Titanium	47-1	149906	156589	159499	155331	3.17	cps

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : Q3743-02ADLX5 Instrumnet Name : P7
Client Sample ID : TW-1125-2ADL Dilution Factor : 5
Date & Time Acquired : 2025-12-03 12:10:41 DataFile Name : 034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1210247	1218250	1256364	1228287	2.01	cps
Vanadium	51-2	223595	225867	223624	224362	0.58	cps
Yttrium	89-1	8372218	8476877	8465482	8438192	0.68	cps
Yttrium	89-2	2175850	2248942	2124574	2183122	2.86	cps
Zinc	66-2	894651	894186	886960	891932	0.48	cps
Zirconium	90-1	767226	789763	798457	785149	2.05	cps
Zirconium	91-1	172749	176742	178014	175835	1.56	cps

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : CCV02 Instrumnet Name : P7
Client Sample ID : CCV02 Dilution Factor : 1
Date & Time Acquired : 2025-12-03 12:20:42 DataFile Name : 036CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6087328	5961947	6069570	6039615	1.12	cps
Antimony	121-1	2051031	2120902	2060123	2077352	1.83	cps
Arsenic	75-2	303409	302831	302305	302848	0.18	cps
Barium	135-1	2468121	2495677	2414578	2459458	1.68	cps
Barium	137-1	4210886	4265111	4306107	4260701	1.12	cps
Beryllium	9-1	457277	461431	465047	461252	0.84	cps
Bismuth	209-1	4111307	4217031	4121109	4149816	1.41	cps
Bismuth	209-2	3480037	3476645	3522264	3492982	0.73	cps
Bromine	81-1	10304	9960	10364	10209	2.13	cps
Bromine	81-2	350	307	377	344	10.26	cps
Cadmium	108-1	42148	43609	42465	42741	1.80	cps
Cadmium	106-1	59675	61476	62246	61133	2.16	cps
Cadmium	111-1	581121	599884	597654	592887	1.73	cps
Calcium	43-1	3215255	3293912	3331870	3280346	1.81	cps
Calcium	44-1	51615441	52573269	52794059	52327590	1.20	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1057214	1066900	1064682	1062932	0.48	cps
Cobalt	59-2	1661295	1668238	1670417	1666650	0.29	cps
Copper	63-2	13130970	12827931	12850008	12936303	1.31	cps
Dysprosium	156-1	93	130	110	111	16.52	cps
Dysprosium	156-2	240	257	187	228	16.05	cps
Erbium	164-1	220	273	227	240	12.11	cps
Erbium	164-2	160	190	203	184	12.03	cps
Gadolinium	160-1	147	183	157	162	11.68	cps
Gadolinium	160-2	393	370	323	362	9.84	cps
Holmium	165-1	6623611	6693248	6435287	6584049	2.03	cps
Holmium	165-2	4720437	4706216	4738528	4721727	0.34	cps
Indium	115-1	5321360	5342549	5272100	5312003	0.68	cps
Indium	115-2	1908906	1836261	1861803	1868990	1.97	cps
Iron	56-2	239158276	235089323	238059290	237435630	0.89	cps
Iron	57-2	5870223	6025572	5928676	5941490	1.32	cps
Iron	54-2	13184803	12820984	13254356	13086714	1.78	cps
Krypton	83-1	400	380	330	370	9.74	cps

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : CCV02 Instrumnet Name : P7
Client Sample ID : CCV02 Dilution Factor : 1
Date & Time Acquired : 2025-12-03 12:20:42 DataFile Name : 036CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	7993698	7967211	8018994	7993301	0.32	cps
Lead	207-1	7082820	7122320	7123999	7109713	0.33	cps
Lead	208-1	31797306	31948311	32658127	32134581	1.43	cps
Lithium	6-1	954249	984413	965581	968081	1.57	cps
Magnesium	24-2	57553747	55013639	55980458	56182615	2.28	cps
Manganese	55-2	8530721	8515724	8495805	8514083	0.21	cps
Molybdenum	94-1	7624744	7911345	7754928	7763672	1.85	cps
Molybdenum	95-1	10828201	11530709	10963779	11107563	3.36	cps
Molybdenum	96-1	12166100	12236558	12078575	12160411	0.65	cps
Molybdenum	97-1	6835959	7016983	6970505	6941149	1.35	cps
Molybdenum	98-1	17421667	17806255	18146817	17791580	2.04	cps
Neodymium	150-1	127	107	113	116	8.81	cps
Neodymium	150-2	37	57	53	49	21.91	cps
Nickel	60-2	430389	426641	430972	429334	0.55	cps
Phosphorus	31-2	7975	8326	7745	8016	3.65	cps
Potassium	39-2	26972890	26775929	26200347	26649722	1.51	cps
Rhodium	103-1	5066031	5215251	5057241	5112841	1.74	cps
Rhodium	103-2	3232929	3167136	3149731	3183265	1.38	cps
Scandium	45-1	3690923	3642449	3681982	3671785	0.70	cps
Scandium	45-2	317228	308781	315780	313930	1.44	cps
Selenium	82-1	52620	54680	53897	53732	1.93	cps
Selenium	77-2	5418	5424	5268	5370	1.65	cps
Selenium	78-2	17687	18388	18181	18086	1.99	cps
Silicon	28-1	8065180	8202153	8219791	8162375	1.04	cps
Silver	107-1	2854217	2826598	2907078	2862631	1.43	cps
Silver	109-1	2681115	2743282	2707302	2710566	1.15	cps
Sodium	23-2	88647979	86213479	87917172	87592876	1.43	cps
Strontium	86-1	665879	693857	687399	682378	2.15	cps
Strontium	88-1	5897989	6122388	6067987	6029455	1.94	cps
Sulfur	34-1	203763	202412	200497	202224	0.81	cps
Terbium	159-1	6650400	6859163	6573264	6694276	2.21	cps
Terbium	159-2	4673877	4593305	4555469	4607550	1.31	cps
Thallium	203-1	2002668	2094225	2044923	2047272	2.24	cps
Thallium	205-1	4881823	4922581	4855085	4886496	0.70	cps
Tin	118-1	1763300	1779021	1778695	1773672	0.51	cps
Titanium	47-1	3144913	3268883	3245478	3219758	2.05	cps

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : CCV02 Instrumnet Name : P7
Client Sample ID : CCV02 Dilution Factor : 1
Date & Time Acquired : 2025-12-03 12:20:42 DataFile Name : 036CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	6443232	6792735	6573144	6603037	2.68	cps
Vanadium	51-2	882405	874901	886790	881365	0.68	cps
Yttrium	89-1	7077448	7180460	7080611	7112840	0.82	cps
Yttrium	89-2	1808548	1774080	1778491	1787040	1.05	cps
Zinc	66-2	2413085	2397773	2414844	2408567	0.39	cps
Zirconium	90-1	3803218	3841869	3967833	3870974	2.22	cps
Zirconium	91-1	816330	850398	837926	834884	2.06	cps

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : CCB02 Instrumnet Name : P7
Client Sample ID : CCB02 Dilution Factor : 1
Date & Time Acquired : 2025-12-03 12:27:34 DataFile Name : 037CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	640	683	657	660	3.31	cps
Antimony	121-1	763	950	973	896	12.85	cps
Arsenic	75-2	45	45	70	53	27.31	cps
Barium	135-1	147	207	160	171	18.41	cps
Barium	137-1	310	330	343	328	5.12	cps
Beryllium	9-1	40	53	53	49	15.74	cps
Bismuth	209-1	4619223	4897022	4745407	4753884	2.93	cps
Bismuth	209-2	4083647	4103107	3943916	4043557	2.15	cps
Bromine	81-1	9476	9053	9393	9307	2.41	cps
Bromine	81-2	157	153	203	171	16.34	cps
Cadmium	108-1	3	13	3	7	86.65	cps
Cadmium	106-1	1627	1843	1740	1737	6.24	cps
Cadmium	111-1	1210	1344	1286	1280	5.28	cps
Calcium	43-1	1080	993	1153	1076	7.45	cps
Calcium	44-1	47879	47761	49383	48341	1.87	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	857	840	853	850	1.04	cps
Cobalt	59-2	317	313	300	310	2.84	cps
Copper	63-2	2007	1960	1823	1930	4.94	cps
Dysprosium	156-1	3	10	3	6	69.34	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	30	33	33	32	5.97	cps
Erbium	164-2	23	27	17	22	22.91	cps
Gadolinium	160-1	33	47	23	34	34.00	cps
Gadolinium	160-2	243	360	293	299	19.58	cps
Holmium	165-1	7020674	7304560	7356526	7227253	2.50	cps
Holmium	165-2	5284569	5205724	5130025	5206772	1.48	cps
Indium	115-1	5973686	6184319	6039223	6065742	1.78	cps
Indium	115-2	2194679	2133795	2109938	2146137	2.04	cps
Iron	56-2	32565	35211	33704	33827	3.92	cps
Iron	57-2	1497	1590	1403	1497	6.24	cps
Iron	54-2	2387	2534	2654	2525	5.29	cps
Krypton	83-1	307	340	403	350	14.03	cps

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : CCB02 Instrumnet Name : P7
Client Sample ID : CCB02 Dilution Factor : 1
Date & Time Acquired : 2025-12-03 12:27:34 DataFile Name : 037CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	910	877	947	911	3.84	cps
Lead	207-1	737	787	823	782	5.56	cps
Lead	208-1	3360	3690	3544	3531	4.68	cps
Lithium	6-1	1042944	1127008	1053100	1074351	4.27	cps
Magnesium	24-2	4274	4087	4427	4263	4.00	cps
Manganese	55-2	1003	1083	1033	1040	3.89	cps
Molybdenum	94-1	647	677	787	703	10.48	cps
Molybdenum	95-1	727	823	923	824	11.93	cps
Molybdenum	96-1	880	1040	1040	987	9.36	cps
Molybdenum	97-1	420	587	560	522	17.14	cps
Molybdenum	98-1	1417	1373	1473	1421	3.53	cps
Neodymium	150-1	7	7	10	8	24.71	cps
Neodymium	150-2	7	7	3	6	34.70	cps
Nickel	60-2	223	157	180	187	18.12	cps
Phosphorus	31-2	703	753	713	723	3.66	cps
Potassium	39-2	45046	44635	45461	45048	0.92	cps
Rhodium	103-1	6091606	6094799	5970563	6052323	1.17	cps
Rhodium	103-2	3852040	3713768	3684292	3750033	2.39	cps
Scandium	45-1	4139035	4151535	4078985	4123185	0.94	cps
Scandium	45-2	352383	353237	348091	351237	0.79	cps
Selenium	82-1	212	206	121	180	28.15	cps
Selenium	77-2	7	0	3	3	100.05	cps
Selenium	78-2	333	283	277	298	10.40	cps
Silicon	28-1	814587	813271	811613	813157	0.18	cps
Silver	107-1	200	270	267	246	16.08	cps
Silver	109-1	190	183	230	201	12.55	cps
Sodium	23-2	27892	27625	27511	27676	0.71	cps
Strontium	86-1	613	713	703	677	8.14	cps
Strontium	88-1	967	987	933	962	2.80	cps
Sulfur	34-1	181555	180424	181169	181049	0.32	cps
Terbium	159-1	7347909	7517917	7511138	7458988	1.29	cps
Terbium	159-2	5311544	5076475	5007206	5131741	3.11	cps
Thallium	203-1	417	400	413	410	2.15	cps
Thallium	205-1	1010	920	1003	978	5.13	cps
Tin	118-1	1163	1173	1137	1158	1.64	cps
Titanium	47-1	267	243	280	263	7.05	cps

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : CCB02 Instrumnet Name : P7
Client Sample ID : CCB02 Dilution Factor : 1
Date & Time Acquired : 2025-12-03 12:27:34 DataFile Name : 037CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	320	410	447	392	16.62	cps
Vanadium	51-2	67	83	67	72	13.32	cps
Yttrium	89-1	7867019	7955979	7867524	7896841	0.65	cps
Yttrium	89-2	2072115	2060951	2003923	2045663	1.79	cps
Zinc	66-2	1187	1180	1243	1203	2.89	cps
Zirconium	90-1	613	653	657	641	3.76	cps
Zirconium	91-1	150	143	170	154	8.98	cps

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : Q3749-01DLX5 Instrumnet Name : P7
Client Sample ID : AUD-25-0204DL Dilution Factor : 5
Date & Time Acquired : 2025-12-03 12:51:34 DataFile Name : 038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	35388	35645	36363	35798	1.41	cps
Antimony	121-1	78530	81875	87156	82520	5.27	cps
Arsenic	75-2	8506	8408	8968	8627	3.46	cps
Barium	135-1	10941	11655	12112	11569	5.10	cps
Barium	137-1	19393	19811	20862	20022	3.78	cps
Beryllium	9-1	200	183	213	199	7.56	cps
Bismuth	209-1	5757411	5877829	6157730	5930990	3.46	cps
Bismuth	209-2	5049720	5107577	5278173	5145156	2.31	cps
Bromine	81-1	453716	606203	670441	576787	19.30	cps
Bromine	81-2	124160	122886	124745	123930	0.77	cps
Cadmium	108-1	173	247	223	214	17.47	cps
Cadmium	106-1	2144	2420	2287	2284	6.06	cps
Cadmium	111-1	3366	3525	3638	3510	3.89	cps
Calcium	43-1	17947	19439	19610	18999	4.81	cps
Calcium	44-1	409499	437320	458653	435157	5.66	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	13753	13676	13983	13804	1.16	cps
Cobalt	59-2	7038	6928	7122	7029	1.38	cps
Copper	63-2	54629	55185	55810	55208	1.07	cps
Dysprosium	156-1	133	127	107	122	11.36	cps
Dysprosium	156-2	183	180	170	178	3.90	cps
Erbium	164-1	53	43	47	48	10.66	cps
Erbium	164-2	47	43	47	46	4.23	cps
Gadolinium	160-1	73	70	57	67	13.22	cps
Gadolinium	160-2	377	390	403	390	3.42	cps
Holmium	165-1	9247652	9472195	9857115	9525654	3.24	cps
Holmium	165-2	7045894	7062232	7121251	7076459	0.56	cps
Indium	115-1	7107414	7504287	8032685	7548129	6.15	cps
Indium	115-2	2751302	2814438	2869639	2811793	2.11	cps
Iron	56-2	9947380	10108157	9781727	9945755	1.64	cps
Iron	57-2	250416	255796	255642	253951	1.21	cps
Iron	54-2	569396	565131	570022	568183	0.47	cps
Krypton	83-1	333	347	333	338	2.28	cps

LB Number : LB138105 Operator : Jaswal

Lab Sample ID : Q3749-01DLX5 Instrumnet Name : P7

Client Sample ID : AUD-25-0204DL Dilution Factor : 5

Date & Time Acquired : 2025-12-03 12:51:34 DataFile Name : 038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	181982	192702	195638	190107	3.78	cps
Lead	207-1	151969	160915	165436	159440	4.30	cps
Lead	208-1	712195	748455	773114	744588	4.12	cps
Lithium	6-1	1282402	1288819	1333850	1301690	2.15	cps
Magnesium	24-2	184753	189268	189058	187693	1.36	cps
Manganese	55-2	206091	207408	209968	207822	0.95	cps
Molybdenum	94-1	22895	21896	21883	22225	2.61	cps
Molybdenum	95-1	24965	26063	27242	26090	4.37	cps
Molybdenum	96-1	28381	29500	30255	29378	3.21	cps
Molybdenum	97-1	15288	16716	16900	16301	5.41	cps
Molybdenum	98-1	38314	42051	42324	40896	5.48	cps
Neodymium	150-1	27	37	7	23	65.46	cps
Neodymium	150-2	27	23	27	26	7.55	cps
Nickel	60-2	4911	5014	5021	4982	1.24	cps
Phosphorus	31-2	4335639	4371766	4336705	4348036	0.47	cps
Potassium	39-2	292420602	295673756	296897276	294997211	0.78	cps
Rhodium	103-1	7082215	7306036	7686447	7358233	4.15	cps
Rhodium	103-2	4939724	4919021	4950181	4936309	0.32	cps
Scandium	45-1	4929803	5287244	5418079	5211708	4.85	cps
Scandium	45-2	469896	479493	487131	478840	1.80	cps
Selenium	82-1	2904	4087	5081	4024	27.08	cps
Selenium	77-2	557	473	570	533	9.82	cps
Selenium	78-2	1957	2150	2157	2088	5.44	cps
Silicon	28-1	12950731	13792354	14801186	13848091	6.69	cps
Silver	107-1	12769	13443	13800	13337	3.93	cps
Silver	109-1	11795	12495	13106	12465	5.26	cps
Sodium	23-2	7441433	7602056	7424437	7489309	1.31	cps
Strontium	86-1	64296	67869	71251	67806	5.13	cps
Strontium	88-1	558541	590343	607557	585480	4.25	cps
Sulfur	34-1	210381	208140	205387	207970	1.20	cps
Terbium	159-1	9166499	9398677	9887743	9484306	3.88	cps
Terbium	159-2	6843878	6971712	7071944	6962511	1.64	cps
Thallium	203-1	9837	10578	11111	10509	6.09	cps
Thallium	205-1	24475	25688	25965	25376	3.12	cps
Tin	118-1	21236	23102	23967	22768	6.13	cps
Titanium	47-1	86641	89132	94658	90143	4.55	cps

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : Q3749-01DLX5 Instrumnet Name : P7
Client Sample ID : AUD-25-0204DL Dilution Factor : 5
Date & Time Acquired : 2025-12-03 12:51:34 DataFile Name : 038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	857	810	1037	901	13.28	cps
Vanadium	51-2	2850	2830	3047	2909	4.12	cps
Yttrium	89-1	9754937	9898998	10439002	10030979	3.60	cps
Yttrium	89-2	2768080	2723559	2750196	2747278	0.82	cps
Zinc	66-2	57848	57871	59582	58434	1.70	cps
Zirconium	90-1	22841	18415	18382	19879	12.90	cps
Zirconium	91-1	5041	4104	3824	4323	14.74	cps

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : Q3749-01DL2X25 Instrumnet Name : P7
Client Sample ID : AUD-25-0204DL2 Dilution Factor : 25
Date & Time Acquired : 2025-12-03 12:57:32 DataFile Name : 039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6091	6015	5688	5931	3.61	cps
Antimony	121-1	14374	14027	14327	14243	1.32	cps
Arsenic	75-2	1463	1449	1439	1451	0.84	cps
Barium	135-1	1923	2067	1933	1975	4.05	cps
Barium	137-1	3601	3420	3714	3578	4.14	cps
Beryllium	9-1	27	50	53	43	33.52	cps
Bismuth	209-1	5437406	5505044	5440236	5460895	0.70	cps
Bismuth	209-2	4431228	4494518	4510231	4478659	0.93	cps
Bromine	81-1	97913	122430	129996	116780	14.36	cps
Bromine	81-2	22177	22270	21973	22140	0.69	cps
Cadmium	108-1	40	23	63	42	47.59	cps
Cadmium	106-1	2000	1667	2047	1905	10.88	cps
Cadmium	111-1	1819	1590	1808	1739	7.42	cps
Calcium	43-1	4177	3967	4181	4108	2.98	cps
Calcium	44-1	132842	133074	135731	133882	1.20	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2934	2880	3010	2941	2.22	cps
Cobalt	59-2	1200	1290	1357	1282	6.13	cps
Copper	63-2	10073	10550	10467	10364	2.46	cps
Dysprosium	156-1	40	17	33	30	40.05	cps
Dysprosium	156-2	50	30	27	36	35.49	cps
Erbium	164-1	20	27	40	29	35.25	cps
Erbium	164-2	17	30	20	22	31.22	cps
Gadolinium	160-1	47	40	60	49	20.83	cps
Gadolinium	160-2	337	340	360	346	3.65	cps
Holmium	165-1	8272675	8411949	8515747	8400124	1.45	cps
Holmium	165-2	6015120	5973257	6033764	6007380	0.52	cps
Indium	115-1	6842678	7029922	6900215	6924272	1.39	cps
Indium	115-2	2403816	2382788	2477910	2421505	2.06	cps
Iron	56-2	1663141	1655109	1648589	1655613	0.44	cps
Iron	57-2	41364	41818	42463	41882	1.32	cps
Iron	54-2	92942	94293	91999	93078	1.24	cps
Krypton	83-1	477	373	410	420	12.47	cps

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : Q3749-01DL2X25 Instrumnet Name : P7
Client Sample ID : AUD-25-0204DL2 Dilution Factor : 25
Date & Time Acquired : 2025-12-03 12:57:32 DataFile Name : 039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	33591	34567	33204	33788	2.08	cps
Lead	207-1	28089	27859	28630	28193	1.40	cps
Lead	208-1	130259	132616	131737	131537	0.91	cps
Lithium	6-1	1201376	1102985	1080121	1128161	5.71	cps
Magnesium	24-2	30550	29866	30223	30213	1.13	cps
Manganese	55-2	33938	33711	34399	34016	1.03	cps
Molybdenum	94-1	3867	3821	3444	3711	6.26	cps
Molybdenum	95-1	4611	4661	4571	4614	0.98	cps
Molybdenum	96-1	5068	5028	5304	5133	2.91	cps
Molybdenum	97-1	2964	2760	2797	2840	3.82	cps
Molybdenum	98-1	6818	7385	7195	7133	4.05	cps
Neodymium	150-1	23	7	10	13	66.12	cps
Neodymium	150-2	0	7	7	4	86.60	cps
Nickel	60-2	977	1103	1040	1040	6.09	cps
Phosphorus	31-2	612207	599091	614805	608701	1.38	cps
Potassium	39-2	48048713	46078836	47641358	47256302	2.20	cps
Rhodium	103-1	6752930	6706629	6946452	6802003	1.87	cps
Rhodium	103-2	4233451	4405409	4341984	4326948	2.01	cps
Scandium	45-1	4631753	4744790	4708746	4695096	1.23	cps
Scandium	45-2	397952	401598	403489	401013	0.70	cps
Selenium	82-1	1533	1654	1630	1606	3.97	cps
Selenium	77-2	160	140	140	147	7.87	cps
Selenium	78-2	937	833	807	859	7.99	cps
Silicon	28-1	3235196	3433977	3442349	3370507	3.48	cps
Silver	107-1	2434	2330	2587	2450	5.27	cps
Silver	109-1	2180	2274	2304	2252	2.86	cps
Sodium	23-2	1226676	1205655	1207160	1213163	0.97	cps
Strontium	86-1	12385	12489	12759	12544	1.54	cps
Strontium	88-1	102491	103357	103361	103070	0.49	cps
Sulfur	34-1	155425	153502	151401	153442	1.31	cps
Terbium	159-1	8481120	8508253	8739905	8576426	1.66	cps
Terbium	159-2	5722047	5848942	5956684	5842557	2.01	cps
Thallium	203-1	2104	1733	2110	1982	10.88	cps
Thallium	205-1	4768	4814	4764	4782	0.58	cps
Tin	118-1	5221	4878	4968	5022	3.55	cps
Titanium	47-1	12966	13626	12859	13150	3.16	cps

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : Q3749-01DL2X25 Instrumnet Name : P7
Client Sample ID : AUD-25-0204DL2 Dilution Factor : 25
Date & Time Acquired : 2025-12-03 12:57:32 DataFile Name : 039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	143	133	130	136	5.12	cps
Vanadium	51-2	500	447	560	502	11.29	cps
Yttrium	89-1	9362467	9207158	9276735	9282120	0.84	cps
Yttrium	89-2	2299136	2390232	2368061	2352476	2.02	cps
Zinc	66-2	11391	11598	11851	11613	1.99	cps
Zirconium	90-1	2927	2817	2910	2885	2.06	cps
Zirconium	91-1	707	723	697	709	1.90	cps

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : CCV03 Instrumnet Name : P7
Client Sample ID : CCV03 Dilution Factor : 1
Date & Time Acquired : 2025-12-03 13:00:43 DataFile Name : 040CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6485355	6341562	6221179	6349365	2.08	cps
Antimony	121-1	2166647	2231660	2206598	2201635	1.49	cps
Arsenic	75-2	331431	329343	325799	328858	0.87	cps
Barium	135-1	2550665	2628437	2589063	2589388	1.50	cps
Barium	137-1	4280146	4540804	4644666	4488539	4.18	cps
Beryllium	9-1	445376	462722	472701	460266	3.00	cps
Bismuth	209-1	4396389	4422758	4476640	4431929	0.92	cps
Bismuth	209-2	3590778	3599269	3584180	3591409	0.21	cps
Bromine	81-1	13733	13583	13129	13482	2.33	cps
Bromine	81-2	470	497	470	479	3.22	cps
Cadmium	108-1	45478	46795	46384	46219	1.46	cps
Cadmium	106-1	64241	65283	64442	64655	0.85	cps
Cadmium	111-1	620893	637041	634893	630942	1.39	cps
Calcium	43-1	3438272	3570407	3559345	3522675	2.08	cps
Calcium	44-1	54664243	58451964	58370042	57162083	3.78	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1153022	1156647	1143267	1150979	0.60	cps
Cobalt	59-2	1810703	1814104	1778018	1800942	1.11	cps
Copper	63-2	14268322	14125515	14222514	14205450	0.51	cps
Dysprosium	156-1	140	173	140	151	12.74	cps
Dysprosium	156-2	197	250	187	211	16.13	cps
Erbium	164-1	227	270	267	254	9.48	cps
Erbium	164-2	123	173	173	157	18.43	cps
Gadolinium	160-1	157	123	177	152	17.70	cps
Gadolinium	160-2	377	393	350	373	5.85	cps
Holmium	165-1	6914665	7240375	7253910	7136317	2.69	cps
Holmium	165-2	5045404	5063952	4983087	5030815	0.84	cps
Indium	115-1	5483292	5739253	5835171	5685905	3.20	cps
Indium	115-2	1997644	1984520	1994022	1992062	0.34	cps
Iron	56-2	256458310	262752103	257819836	259010083	1.28	cps
Iron	57-2	6640327	6410440	6385859	6478876	2.17	cps
Iron	54-2	14386189	14468217	14151087	14335164	1.15	cps
Krypton	83-1	370	433	423	409	8.33	cps

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : CCV03 Instrumnet Name : P7
Client Sample ID : CCV03 Dilution Factor : 1
Date & Time Acquired : 2025-12-03 13:00:43 DataFile Name : 040CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	8101193	8353532	8592377	8349034	2.94	cps
Lead	207-1	7187655	7361058	7596900	7381871	2.78	cps
Lead	208-1	32793078	33521063	34178278	33497473	2.07	cps
Lithium	6-1	921794	937485	960196	939825	2.05	cps
Magnesium	24-2	60401974	58037644	58018799	58819472	2.33	cps
Manganese	55-2	9233005	9331207	9221924	9262045	0.65	cps
Molybdenum	94-1	8175679	8448992	8540668	8388446	2.26	cps
Molybdenum	95-1	11916382	11991383	12354553	12087439	1.94	cps
Molybdenum	96-1	12985863	12989655	13280377	13085298	1.29	cps
Molybdenum	97-1	7345634	7614873	7629545	7530017	2.12	cps
Molybdenum	98-1	19293286	19101796	19305365	19233482	0.59	cps
Neodymium	150-1	147	140	153	147	4.55	cps
Neodymium	150-2	47	57	50	51	9.96	cps
Nickel	60-2	465878	468777	461765	465474	0.76	cps
Phosphorus	31-2	8599	8996	8302	8633	4.03	cps
Potassium	39-2	28524827	29185279	28630160	28780088	1.23	cps
Rhodium	103-1	5468268	5580906	5538202	5529125	1.03	cps
Rhodium	103-2	3394887	3447627	3363727	3402081	1.25	cps
Scandium	45-1	3938733	4049654	4009770	3999385	1.40	cps
Scandium	45-2	343495	339528	340164	341062	0.62	cps
Selenium	82-1	59134	60657	60450	60081	1.38	cps
Selenium	77-2	6101	6055	5681	5946	3.87	cps
Selenium	78-2	20324	20561	20114	20333	1.10	cps
Silicon	28-1	8746792	8892324	8993807	8877641	1.40	cps
Silver	107-1	2988332	3036219	3113291	3045947	2.07	cps
Silver	109-1	2902210	2922113	2955506	2926610	0.92	cps
Sodium	23-2	93512012	93110909	90682559	92435160	1.66	cps
Strontium	86-1	725446	741065	741480	735997	1.24	cps
Strontium	88-1	6413150	6592759	6665848	6557252	1.98	cps
Sulfur	34-1	195618	199889	202540	199349	1.75	cps
Terbium	159-1	7043628	7229990	7215644	7163087	1.45	cps
Terbium	159-2	4971830	4834195	4792848	4866291	1.93	cps
Thallium	203-1	2095920	2178636	2239001	2171186	3.31	cps
Thallium	205-1	4983392	5105288	5135484	5074721	1.59	cps
Tin	118-1	1826102	1894752	1892786	1871213	2.09	cps
Titanium	47-1	3402247	3545910	3499113	3482423	2.10	cps

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : CCV03 Instrumnet Name : P7
Client Sample ID : CCV03 Dilution Factor : 1
Date & Time Acquired : 2025-12-03 13:00:43 DataFile Name : 040CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	6574645	6843495	7061790	6826643	3.57	cps
Vanadium	51-2	957514	946306	951824	951882	0.59	cps
Yttrium	89-1	7558911	7687322	7619343	7621859	0.84	cps
Yttrium	89-2	1968841	1904265	1974132	1949080	2.00	cps
Zinc	66-2	2625778	2637425	2609537	2624246	0.53	cps
Zirconium	90-1	4078627	4225500	4269245	4191124	2.38	cps
Zirconium	91-1	874726	903360	913825	897304	2.26	cps

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : CCB03 Instrumnet Name : P7
Client Sample ID : CCB03 Dilution Factor : 1
Date & Time Acquired : 2025-12-03 13:05:44 DataFile Name : 041CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	660	617	550	609	9.10	cps
Antimony	121-1	827	870	1013	903	10.82	cps
Arsenic	75-2	74	83	54	71	20.98	cps
Barium	135-1	83	103	70	86	19.61	cps
Barium	137-1	133	103	127	121	13.01	cps
Beryllium	9-1	23	17	23	21	18.21	cps
Bismuth	209-1	5167932	5209576	5261149	5212886	0.90	cps
Bismuth	209-2	4328771	4381758	4485236	4398588	1.81	cps
Bromine	81-1	10521	10174	10597	10430	2.16	cps
Bromine	81-2	147	180	213	180	18.52	cps
Cadmium	108-1	3	7	13	8	65.47	cps
Cadmium	106-1	1867	1827	1873	1856	1.36	cps
Cadmium	111-1	1374	1317	1325	1339	2.31	cps
Calcium	43-1	1150	1093	1023	1089	5.83	cps
Calcium	44-1	50424	50246	49771	50147	0.67	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	910	840	897	882	4.21	cps
Cobalt	59-2	173	167	177	172	2.96	cps
Copper	63-2	1300	1323	1347	1323	1.76	cps
Dysprosium	156-1	0	7	7	4	86.60	cps
Dysprosium	156-2	7	3	0	3	100.05	cps
Erbium	164-1	17	23	23	21	18.21	cps
Erbium	164-2	47	20	40	36	39.03	cps
Gadolinium	160-1	33	20	57	37	50.62	cps
Gadolinium	160-2	393	383	283	353	17.22	cps
Holmium	165-1	7992525	7946526	7965589	7968213	0.29	cps
Holmium	165-2	5574555	5577986	5718481	5623674	1.46	cps
Indium	115-1	6550005	6674989	6681791	6635595	1.12	cps
Indium	115-2	2349896	2318890	2349424	2339403	0.76	cps
Iron	56-2	18461	18094	18652	18402	1.54	cps
Iron	57-2	1103	1127	1130	1120	1.30	cps
Iron	54-2	1580	1507	1477	1521	3.50	cps
Krypton	83-1	360	357	450	389	13.62	cps

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : CCB03 Instrumnet Name : P7
Client Sample ID : CCB03 Dilution Factor : 1
Date & Time Acquired : 2025-12-03 13:05:44 DataFile Name : 041CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	470	380	423	424	10.60	cps
Lead	207-1	347	457	320	374	19.35	cps
Lead	208-1	1890	1807	1710	1802	5.00	cps
Lithium	6-1	1121289	1080316	1135334	1112313	2.57	cps
Magnesium	24-2	1610	1573	1750	1645	5.67	cps
Manganese	55-2	597	547	520	554	7.02	cps
Molybdenum	94-1	580	637	607	608	4.66	cps
Molybdenum	95-1	610	527	593	577	7.65	cps
Molybdenum	96-1	570	657	660	629	8.11	cps
Molybdenum	97-1	393	267	387	349	20.43	cps
Molybdenum	98-1	827	820	903	850	5.45	cps
Neodymium	150-1	0	3	3	2	86.60	cps
Neodymium	150-2	0	7	13	7	99.98	cps
Nickel	60-2	240	230	267	246	7.72	cps
Phosphorus	31-2	850	827	890	856	3.74	cps
Potassium	39-2	54297	54223	54300	54273	0.08	cps
Rhodium	103-1	6677802	6716910	6691364	6695359	0.30	cps
Rhodium	103-2	4138778	4175026	4153463	4155755	0.44	cps
Scandium	45-1	4499055	4530166	4515255	4514825	0.34	cps
Scandium	45-2	382781	383085	392718	386195	1.46	cps
Selenium	82-1	596	541	444	527	14.59	cps
Selenium	77-2	10	20	27	19	44.42	cps
Selenium	78-2	380	490	483	451	13.67	cps
Silicon	28-1	1297917	1300047	1300205	1299390	0.10	cps
Silver	107-1	243	207	263	238	12.09	cps
Silver	109-1	197	217	187	200	7.64	cps
Sodium	23-2	26533	25291	25551	25792	2.54	cps
Strontium	86-1	657	667	670	664	1.04	cps
Strontium	88-1	647	627	670	648	3.35	cps
Sulfur	34-1	184610	188496	190390	187832	1.57	cps
Terbium	159-1	8056666	8209173	8031937	8099259	1.19	cps
Terbium	159-2	5565615	5436786	5597405	5533269	1.54	cps
Thallium	203-1	283	270	237	263	9.13	cps
Thallium	205-1	633	667	580	627	6.98	cps
Tin	118-1	1343	1203	1260	1269	5.55	cps
Titanium	47-1	127	150	193	157	21.59	cps

LB Number : LB138105 Operator : Jaswal
Lab Sample ID : CCB03 Instrumnet Name : P7
Client Sample ID : CCB03 Dilution Factor : 1
Date & Time Acquired : 2025-12-03 13:05:44 DataFile Name : 041CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	173	190	157	173	9.61	cps
Vanadium	51-2	47	43	30	40	22.05	cps
Yttrium	89-1	8647233	8625861	8754255	8675783	0.79	cps
Yttrium	89-2	2232005	2246057	2234254	2237439	0.34	cps
Zinc	66-2	1237	1197	1140	1191	4.08	cps
Zirconium	90-1	603	697	697	666	8.10	cps
Zirconium	91-1	143	150	137	143	4.65	cps

SOP ID : M7470A-Mercury-20

SDG No : NA

Matrix : WATER

Pipette ID: HG A

Balance ID : N/A

Filter paper ID : NA

pH Strip ID : M6069

Hood ID : #1

Block ID: 1. HG HOT BLOCK#3 2. N/A

Start Digest Date: 12/04/2025 Time : 06:30 Temp : 93 °C

End Digest Date: 12/04/2025 Time : 08:30 Temp : 94 °C

Digestion tube ID: M5595

Block thermometer ID: HG-DIG#3

Dig Technician Signature: *MB*

Supervisor Signature: *12*

Temp : 1. 93°C 2. N/A

Standard Name	MLS USED	STD REF. # FROM LOG
ICV	30mL	MP88202
CCV	30mL	MP88204
CRA	30mL	MP88206
Blank Spike	0.48mL	MP88195
Matrix Spike	0.48mL	MP88195

Chemical Used	ML/SAMPLE USED	Lot Number
HNO3/H2SO4(1:2)	2.25mL	MP87633
KMnO4 (5%)	4.5mL	MP87634
K2S2O8 (5%)	2.4mL	MP87635
Hydroxylamine HCL (12%)	1.8mL	MP87636
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

LAB SAMPLE ID	CLIENT SAMPLE ID	Wt(g)/Vol(ml)	Comment
0.0 ppb	S0	30mL	MP88196
0.05 ppb	S0.05	N/A	N/A
0.2 ppb	S0.2	30mL	MP88197
2.5 ppb	S2.5	30mL	MP88198
5.0 ppb	S5.0	30mL	MP88199
7.5 ppb	S7.5	30mL	MP88200
10.0 ppb	S10.0	30mL	MP88201
ICV	ICV	30mL	MP88202
ICB	ICB	30mL	MP88203
CCV	CCV	30mL	MP88204
CCB	CCB	30mL	MP88205
CRI	CRI	30mL	MP88206
CHK STD	CHK STD	30mL	MP88207

Extraction Conformance/Non-Conformance Comments:

N/A		
Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
12/4/25 @ 8:55	<i>MB - N/A Lab</i>	<i>MB - Metal Lab</i>
	Preparation Group	Analysis Group

Lab Sample ID	Client Sample ID	Initial Vol (ml)	Final Vol (ml)	pH	Comment	Prep Pos
PB170813BL	PBW813	30	30	<2	N/A	3-19
PB170813BS	LCS813	30	30	<2	MP88195	20
Q3743-01DUP	TW-1125-1DUP	30	30	<2	N/A	22
Q3743-01MS	TW-1125-1MS	30	30	<2	MP88195	23
Q3743-01MSD	TW-1125-1MSD	30	30	<2	MP88195	24
Q3743-01	TW-1125-1	30	30	<2	N/A	21
Q3743-02	TW-1125-2	30	30	<2	N/A	25
Q3749-01	AUD-25-0204	30	30	<2	N/A	26
Q3771-02	COMP	30	30	<2	N/A	27

WORKLIST(Hardcopy Internal Chain)

WorkList Name : 120425_7470 WorkList ID : 193473 Department : Digestion Date : 12-04-2025 09:48:41

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3743-01	TW-1125-1	Water	Mercury	1:1 HNO3 to pH < 2	REMI01	A12	11/26/2025	7470A
Q3743-02	TW-1125-2	Water	Mercury	1:1 HNO3 to pH < 2	REMI01	A12	11/26/2025	7470A
Q3749-01	AUD-25-0204	Water	Mercury	1:1 HNO3 to pH < 2	PSEG05	A11	12/01/2025	7470A
Q3771-02	Comp	Water	Mercury	1:1 HNO3 to pH < 2	ARAM01	A11	12/04/2025	7470A

Date/Time 12/4/25 @ 8:10
 Raw Sample Received by: [Signature]
 Raw Sample Relinquished by: [Signature]

Date/Time 12/4/25 @ 8:15
 Raw Sample Received by: [Signature]
 Raw Sample Relinquished by: [Signature]

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: 12/02/2025 Time : 09:30 Temp : 96 °C

End Digest Date: 12/02/2025 Time : 11:35 Temp : 96 °C

Digestion tube ID: M5595

Block thermometer ID: MET-DIG. #1

Dig Technician Signature: SKG

Supervisor Signature: [Signature]

Temp : 1. 96°C 2. N/A

Standard Name	MLS USED	STD REF. # FROM LOG
Spike Sol 1	0.50	MP88170
Spike Sol 2	1.00	MP88171
Spike Sol 3	1.00	MP88172
Spike Sol 4	1.00	MP88173
Spike Sol 5	1.00mL	MP88174

Chemical Used	ML/SAMPLE USED	Lot Number
Conc. HNO3	3.00	M6187
1:1 HCL	5.00	MP87148
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

HOT BLOCK#1 CELL#50 96C
X*, MP88172,MP88173,MP88174

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
12/02/25 12:35	SKG met dia	SD (metals lab)
	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
PB170780BL	PBW780	<2	50	50	Colorless	Colorless	Clear	Clear	N/A	1
PB170780BS	LCS780	<2	50	50	Colorless	Colorless	Clear	Clear	MP88170,MP88171,X*	2
Q3743-01	TW-1125-1	<2	50	50	Brown	ligh	Cloudy	Clear	N/A	3
Q3743-02	TW-1125-2	<2	50	50	Brown	light	Cloudy	Clear	N/A	4
Q3743-02MS	TW-1125-2MS	<2	50	50	Brown	ligh	Cloudy	Clear	MP88170,MP88171,X*	6
Q3743-02MSD	TW-1125-2MSD	<2	50	50	Brown	ligh	Cloudy	Clear	MP88170,MP88171,X*	7
Q3743-02DUP	TW-1125-2DUP	<2	50	50	Brown	ligh	Cloudy	Clear	N/A	5
Q3749-01	AUD-25-0204	<2	50	50	Pink	Light Pink	Clear	Clear	N/A	8

WORKLIST(Hardcopy Internal Chain)

Worklist Name : PB170780

Worklist ID : 193416

Department : Digestion

Date : 12-02-2025 08:37:37

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3743-01	TW-1125-1	Water	Metals ICP-TAL	1:1 HNO3 to pH < 2	REM101	A12	11/26/2025	6020B
Q3743-02	TW-1125-2	Water	Metals ICP-TAL	1:1 HNO3 to pH < 2	REM101	A12	11/26/2025	6020B
Q3749-01	AUD-25-0204	Water	Metals ICP-TAL	1:1 HNO3 to pH < 2	PSEG05	A11	12/01/2025	6020B

Date/Time 12/02/25 09:03

Raw Sample Received by: SP28 met dig

Raw Sample Relinquished by: SP28 met dig

Date/Time 12/02/25 10:30

Raw Sample Received by: SP28 met dig

Raw Sample Relinquished by: SP28 met dig

Instrument ID: P7

Daily Analysis Runlog For Sequence/QC Batch ID # LB138105

Review By	Janvi	Review On	12/4/2025 10:27:33 AM
Supervise By	jaswal	Supervise On	12/5/2025 11:29:34 AM
STD. NAME	STD REF.#		
ICAL Standard	MP88152,MP88162,MP88160,MP88158,MP88157,MP88156,MP88155,MP88154,MP88153		
ICV Standard	MP88163,MP88162		
CCV Standard	MP88164		
ICSA Standard	MP88165,MP88166		
CRI Standard	MP88162		
LCS Standard			
Chk Standard	MP88168,MP88169		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	TUNE	TUNE	TUNE	12/03/25 09:17		Jaswal	OK
2	S0	S0	CAL1	12/03/25 10:05		Jaswal	OK
3	S2	S2	CAL3	12/03/25 10:08		Jaswal	OK
4	S3	S3	CAL4	12/03/25 10:12		Jaswal	OK
5	S4	S4	CAL5	12/03/25 10:15		Jaswal	OK
6	S5	S5	CAL6	12/03/25 10:18		Jaswal	OK
7	S6	S6	CAL7	12/03/25 10:21		Jaswal	OK
8	S7	S7	CAL8	12/03/25 10:23		Jaswal	OK
9	S8	S8	CAL9	12/03/25 10:26		Jaswal	OK
10	ICV01	ICV01	ICV	12/03/25 10:59		Jaswal	OK
11	LLICV01	LLICV01	LLICV	12/03/25 11:10		Jaswal	OK
12	ICB01	ICB01	ICB	12/03/25 11:13		Jaswal	OK
13	ICSA01	ICSA01	ICSA	12/03/25 11:18		Jaswal	OK
14	ICSAB01	ICSAB01	ICSAB	12/03/25 11:21		Jaswal	OK
15	CCV01	CCV01	CCV	12/03/25 11:24		Jaswal	OK
16	CCB01	CCB01	CCB	12/03/25 11:27		Jaswal	OK
17	CRI	CRI	CRDL	12/03/25 11:42		Jaswal	OK
18	PB170780BL	PB170780BL	MB	12/03/25 11:45		Jaswal	OK

Instrument ID: P7

Daily Analysis Runlog For Sequence/QC Batch ID # LB138105

Review By	Janvi	Review On	12/4/2025 10:27:33 AM
Supervise By	jaswal	Supervise On	12/5/2025 11:29:34 AM
STD. NAME	STD REF.#		
ICAL Standard	MP88152,MP88162,MP88160,MP88158,MP88157,MP88156,MP88155,MP88154,MP88153		
ICV Standard	MP88163,MP88162		
CCV Standard	MP88164		
ICSA Standard	MP88165,MP88166		
CRI Standard	MP88162		
LCS Standard			
Chk Standard	MP88168,MP88169		

19	PB170780BS	PB170780BS	LCS	12/03/25 11:49		Jaswal	OK
20	Q3743-01DL	TW-1125-1DL	SAM	12/03/25 11:52		Jaswal	OK
21	Q3743-02DL	TW-1125-2DL	SAM	12/03/25 11:55		Jaswal	OK
22	Q3743-02DUPDL	TW-1125-2DUPDL	DUP	12/03/25 11:58		Jaswal	OK
23	Q3743-02LDL	TW-1125-2LDL	SD	12/03/25 12:01		Jaswal	OK
24	Q3743-02MSDL	TW-1125-2MSDL	MS	12/03/25 12:04		Jaswal	OK
25	Q3743-02MSDDL	TW-1125-2MSDDL	MSD	12/03/25 12:07		Jaswal	OK
26	Q3743-02ADL	TW-1125-2ADL	PS	12/03/25 12:10	0.1 ML OF MP88170 AND 0.2ML OF EACH MP88171,MP88172,MP88 173 IN 10ML SAMPLE BEFORE DILUTION.	Jaswal	OK
27	CCV02	CCV02	CCV	12/03/25 12:20		Jaswal	OK
28	CCB02	CCB02	CCB	12/03/25 12:27		Jaswal	OK
29	Q3749-01DL	AUD-25-0204DL	SAM	12/03/25 12:51	K High , INT_STD 89Y(2) Fail	Jaswal	Dilution
30	Q3749-01DL2	AUD-25-0204DL2	SAM	12/03/25 12:57	25X For K , 25X For INT_STD 89Y(2)	Jaswal	Confirms
31	CCV03	CCV03	CCV	12/03/25 13:00		Jaswal	OK
32	CCB03	CCB03	CCB	12/03/25 13:05		Jaswal	OK

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QC Batch ID # LB138109

Review By	mohan	Review On	12/5/2025 1:12:25 PM
Supervise By	jaswal	Supervise On	12/5/2025 8:54:44 PM

STD. NAME	STD REF.#
ICAL Standard	MP88196,MP88197,MP88198,MP88199,MP88200,MP88201
ICV Standard	MP88202
CCV Standard	MP88204
ICSA Standard	
CRI Standard	MP88206
LCS Standard	
Chk Standard	MP88203,MP88205,MP88207,MP88209

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	12/04/25 09:24		mohan	OK
2	S0.2	S0.2	CAL2	12/04/25 09:26		mohan	OK
3	S2.5	S2.5	CAL3	12/04/25 09:28		mohan	OK
4	S5	S5	CAL4	12/04/25 09:31		mohan	OK
5	S7.5	S7.5	CAL5	12/04/25 09:33		mohan	OK
6	S10	S10	CAL6	12/04/25 09:41		mohan	OK
7	ICV137	ICV137	ICV	12/04/25 09:45		mohan	OK
8	ICB137	ICB137	ICB	12/04/25 09:47		mohan	OK
9	CCV59	CCV59	CCV	12/04/25 09:51		mohan	OK
10	CCB59	CCB59	CCB	12/04/25 09:54		mohan	OK
11	CRA	CRA	CRDL	12/04/25 09:56		mohan	OK
12	HighStd	HighStd	HIGH STD	12/04/25 09:58		mohan	OK
13	ChkStd	ChkStd	SAM	12/04/25 10:00		mohan	OK
14	PB170812BL	PB170812BL	MB	12/04/25 10:03		mohan	OK
15	PB170812BS	PB170812BS	LCS	12/04/25 10:05		mohan	OK
16	Q3750-07	FENCE WC-1	SAM	12/04/25 10:07		mohan	OK
17	Q3750-08	FENCE WC-2	SAM	12/04/25 10:10		mohan	OK
18	Q3753-03	MOO-25-334-337	SAM	12/04/25 10:12		mohan	OK

Instrument ID: CV1

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ICV Standard	MP88202		
CCV Standard	MP88204		
ICSA Standard			
CRI Standard	MP88206		
LCS Standard			
Chk Standard	MP88203,MP88205,MP88207,MP88209		

19	Q3753-05	AR520-0002	SAM	12/04/25 10:14		mohan	OK
20	Q3753-05DUP	AR520-0002DUP	DUP	12/04/25 10:16		mohan	OK
21	CCV60	CCV60	CCV	12/04/25 10:19		mohan	OK
22	CCB60	CCB60	CCB	12/04/25 10:21		mohan	OK
23	Q3753-05MS	AR520-0002MS	MS	12/04/25 10:23		mohan	OK
24	Q3753-05MSD	AR520-0002MSD	MSD	12/04/25 10:25		mohan	OK
25	PB170813BL	PB170813BL	MB	12/04/25 10:28		mohan	OK
26	Q3743-01	TW-1125-1	SAM	12/04/25 10:37	Hg is high, Need dilution	mohan	Dilution
27	Q3743-01DUP	TW-1125-1DUP	DUP	12/04/25 10:40	Hg is high, Need dilution	mohan	Dilution
28	Q3743-01MS	TW-1125-1MS	MS	12/04/25 10:42	Hg is high, Need dilution	mohan	Dilution
29	Q3743-01MSD	TW-1125-1MSD	MSD	12/04/25 10:44	Hg is high, Need dilution	mohan	Dilution
30	Q3743-02	TW-1125-2	SAM	12/04/25 10:47		mohan	OK
31	Q3749-01	AUD-25-0204	SAM	12/04/25 10:49		mohan	OK
32	CCV61	CCV61	CCV	12/04/25 10:51		mohan	OK
33	CCB61	CCB61	CCB	12/04/25 10:54		mohan	OK
34	Q3771-02	Comp	SAM	12/04/25 10:56		mohan	OK
35	PB170785TB	PB170785TB	MB	12/04/25 10:58		mohan	OK
36	Q3753-05L	AR520-0002L	SD	12/04/25 11:00		mohan	OK
37	Q3753-05A	AR520-0002A	PS	12/04/25 11:03		mohan	OK
38	Q3743-01L	TW-1125-1L	SD	12/04/25 11:05		mohan	OK

Instrument ID: CV1

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ICV Standard	MP88202
CCV Standard	MP88204
ICSA Standard	
CRI Standard	MP88206
LCS Standard	
Chk Standard	MP88203,MP88205,MP88207,MP88209

39	Q3743-01A	TW-1125-1A	PS	12/04/25 11:07	Hg is high, Need dilution	mohan	Dilution
40	CCV62	CCV62	CCV	12/04/25 11:10		mohan	OK
41	CCB62	CCB62	CCB	12/04/25 11:12		mohan	OK
42	Q3743-01DL	TW-1125-1DL	SAM	12/04/25 11:14	5x For Hg	mohan	Confirms
43	Q3743-01DUPDL	TW-1125-1DUPDL	DUP	12/04/25 11:16	5x For Hg	mohan	Confirms
44	Q3743-01MSDL	TW-1125-1MSDL	MS	12/04/25 11:19	5x For Hg	mohan	Confirms
45	Q3743-01MSDDL	TW-1125-1MSDDL	MSD	12/04/25 11:21	5x For Hg	mohan	Confirms
46	Q3743-01LDL	TW-1125-1LDL	SD	12/04/25 11:23	Not Required	mohan	Not Ok
47	Q3743-01ADL	TW-1125-1ADL	PS	12/04/25 11:26	5x For Hg	mohan	Confirms
48	PB170813BS	PB170813BS	LCS	12/04/25 12:16		mohan	OK
49	CCV63	CCV63	CCV	12/04/25 12:19		mohan	OK
50	CCB63	CCB63	CCB	12/04/25 12:21		mohan	OK



SHIPPING DOCUMENTS

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: Remington Vernick Engineers
ADDRESS: 2059 Springdale Road
CITY Cherry Hill STATE: NJ ZIP: 08003
ATTENTION: Kyle Carlson eRVE.com
PHONE: 609-682-3049 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: Saddler Property
PROJECT NO.: 04001003 LOCATION: Camden, NJ
PROJECT MANAGER: Kyle Carlson
e-mail: Kyle.Carlson@RVE.com
PHONE: 609-682-3049 FAX:

CLIENT BILLING INFORMATION

BILL TO: AP Invoices eRVE.com PO#: 04001003
ADDRESS: 2059 Springdale Road
CITY Cherry Hill STATE: NJ ZIP: 08003
ATTENTION: Kyle Carlson PHONE: 609-682-3049

ANALYSIS

DATA TURNAROUND INFORMATION

FAX (RUSH) _____ DAYS*
HARDCOPY (DATA PACKAGE): Standard DAYS*
EDD: _____ DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

☐ Level 1 (Results Only) ☐ Level 4 (QC + Full Raw Data)
☐ Level 2 (Results + QC) ☒ NJ Reduced ☐ US EPA CLP
☐ Level 3 (Results + QC) ☐ NYS ASP A ☐ NYS ASP B
+ Raw Data ☐ Other
☒ EDD FORMAT NJ HazSite

1: PCB
2: Pesticide TCL
3: SVOC-TCL-BNA20
4: VOC-TCL-VOA+ID
5: VOC SIM
6: Heavy Metals TCLICP
7: Cyanide
8:
9:

PRESERVATIVES

COMMENTS

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES	PRESERVATIVES								COMMENTS ← Specify Preservatives A-HCl D-NaOH B-HNO3 E-ICE C-H2SO4 F-OTHER
			COMP	GRAB	DATE	TIME		E	E	E	A	A	B	D		
1.	TW - 1125-1	GW		X	11/26/25	915	9	1	1	1	2	2	1	1		
2.	TW - 1125-2	GW		X	11/26/25	1000	9	1	1	1	2	2	1	1		
3.	TB				11/26/25	1000	2				2					
4.	TB				11/26/25	1000	2				2					
5.	TB				11/26/25	1000	2					2				
6.																
7.																
8.																
9.																
10.																

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

RELINQUISHED BY SAMPLER: 1. <u>Sutton Zook eRVE.com</u>	DATE/TIME: <u>11/26/25</u>	RECEIVED BY: <u>[Signature]</u> <u>11-26-25</u>	Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP <u>2.8</u> °C
RELINQUISHED BY SAMPLER: 2.	DATE/TIME:	RECEIVED BY: 2.	Comments:
RELINQUISHED BY SAMPLER: 3.	DATE/TIME: <u>11-26-25</u>	RECEIVED BY: 3.	Page <u>1</u> of <u>1</u> CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete
☐ YES ☐ NO

Laboratory Certification

Certified By	License No.
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255425
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	TX-C25-00189
Virginia	460312



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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q3743	REMI01	Order Date : 12/1/2025 9:45:00 AM	Project Mgr : Deepak
Client Name : Remington & Vernick		Project Name : Sadler Property	Report Type : Level 1
Client Contact : Justin Zarzecki		Receive Date/Time : 11/26/2025 6:20:00 PM	EDD Type : EXCEL-NICLEANUP
Invoice Name : Remington & Vernick		Purchase Order :	Hard Copy Date : <i>HT Redwood</i>
Invoice Contact : Justin Zarzecki			Date Signoff : 12/1/2025 1:00:29 PM

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q3743-01	TW-1125-1	Water	11/26/2025	09:15	VOC-SIM		SFAM_VOCSIM	10 Bus. Days	
					VOC-TCLVOA-10	TCL+30/TAL	8260-Low	10 Bus. Days	
Q3743-02	TW-1125-2	Water	11/26/2025	10:00	VOC-SIM		SFAM_VOCSIM	10 Bus. Days	
					VOC-TCLVOA-10	TCL+30/TAL	8260-Low	10 Bus. Days	
Q3743-03	TB	Water	11/26/2025	10:00	VOC-TCLVOA-10	TCL+30/TAL	8260-Low	10 Bus. Days	
Q3743-04	TB	Water	11/26/2025	10:00	VOC-TCLVOA-10	TCL+30/TAL	8260-Low	10 Bus. Days	
Q3743-05	TB	Water	11/26/2025	10:00	VOC-SIM		SFAM_VOCSIM	10 Bus. Days	

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q3743	REMI01	Order Date : 12/1/2025 9:45:00 AM	Project Mgr : Deepak
Client Name : Remington & Vernick		Project Name : Sadler Property	Report Type : Level 1
Client Contact : Justin Zarzecki		Receive DateTime : 11/26/2025 6:20:00 PM	EDD Type : EXCEL-NICLEANUP
Invoice Name : Remington & Vernick		Purchase Order :	Hard Copy Date : <i>MS Pedersen</i>
Invoice Contact : Justin Zarzecki			Date Signoff : 12/1/2025 1:00:29 PM

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
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*Sporel in vial
REF # 04*

Relinquished By :

Date / Time :

[Signature]
12/1/25 1421

Received By :

Date / Time :

[Signature]
12/1/25 14:30

Storage Area : VOA Refridgerator Room