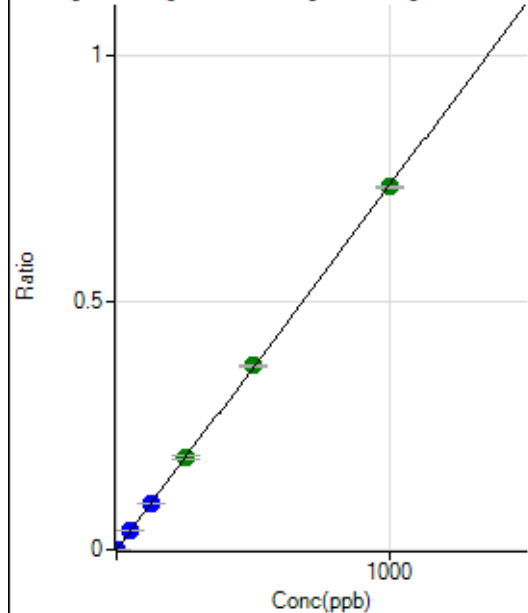


Batch Folder: D:\Agilent\ICPMH\1\DATA\P8021125 MS.b\
Analysis File: P8021125 MS.batch.bin
DA Date-Time: 2025-02-11 16:41:16
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2025-02-11 12:05:13
2	005CALS.d	S02	2025-02-11 12:08:35
3	006CALB.d	S03	2025-02-11 12:11:58
4	007CALS.d	S04	2025-02-11 12:15:02
5	008CALS.d	S05	2025-02-11 12:18:01
6	009CALS.d	S06	2025-02-11 12:20:51
7	010CALS.d	S07	2025-02-11 12:23:38
8	011CALS.d	S08	2025-02-11 12:26:23

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	361.63	0.0000	P	1.2
2	☐	1.000	1.074	6278.90	0.0008	P	1.1
3	☐	50.000	51.377	280845.21	0.0379	P	2.5
4	☐	125.000	125.718	687140.12	0.0927	P	2.1
5	☐	250.000	253.365	1368162.02	0.1867	A	2.4
6	☐	500.000	505.733	2695154.28	0.3726	A	0.9
7	☐	1000.000	996.134	5226624.33	0.7338	A	0.3
8	☐			1942.39	0.0003	P	10.4

$$y = 7.3661E-004 * x + 4.8717E-005$$

$$R = 1.0000$$

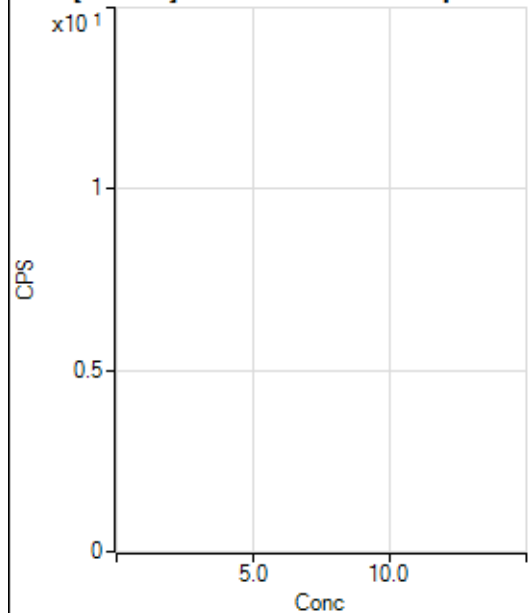
$$DL = 0.00238$$

$$BEC = 0.06614$$

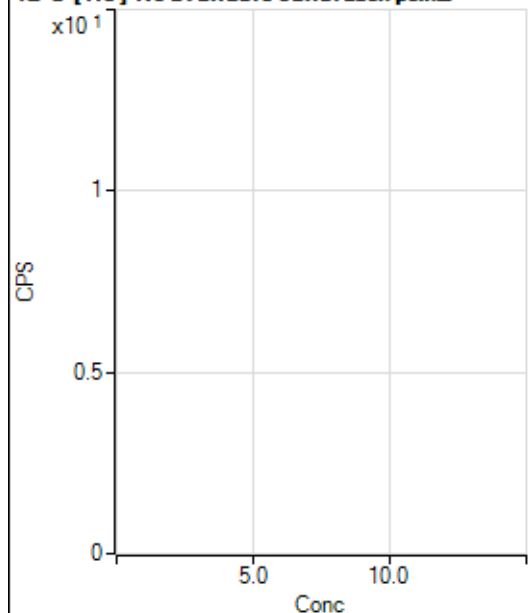
Weight: <None>

Min Conc: 0

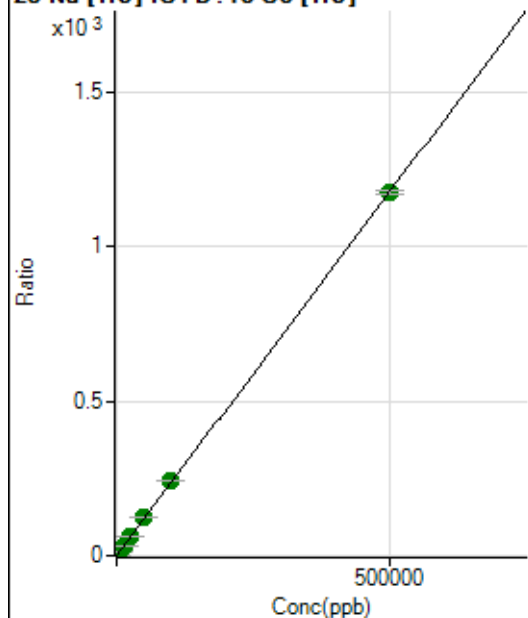
12 C [No Gas] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			3360557.45		A	1.2
2	☐			3369094.92		A	0.1
3	☐			3438303.32		A	0.4
4	☐			3592506.75		A	0.6
5	☐			3714614.04		A	1.3
6	☐			3972299.70		A	1.7
7	☐			4509665.94		A	3.1
8	☐			4069612.27		A	2.3

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			22745.42		P	1.3
2	☐			22698.71		P	1.5
3	☐			23193.93		P	0.5
4	☐			24332.42		P	1.1
5	☐			26180.01		P	1.6
6	☐			28867.23		P	1.0
7	☐			34647.49		P	2.1
8	☐			38443.49		P	0.4

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	56834.43	0.3075	P	1.5
2	☐	500.000	541.926	296212.48	1.5827	P	0.9
3	☐	5000.000	5395.509	2384490.40	13.0036	A	1.7
4	☐	12500.000	13008.194	5714264.08	30.9169	A	0.1
5	☐	25000.000	26266.120	11455199.41	62.1139	A	2.8
6	☐	50000.000	52959.770	22737010.22	124.9263	A	0.9
7	☐	100000.00	103433.66	44802141.00	243.6956	A	0.1
8	☐	500000.00	498937.28	205456994.7	1,174.348	A	1.2

$$y = 0.0024 * x + 0.3075$$

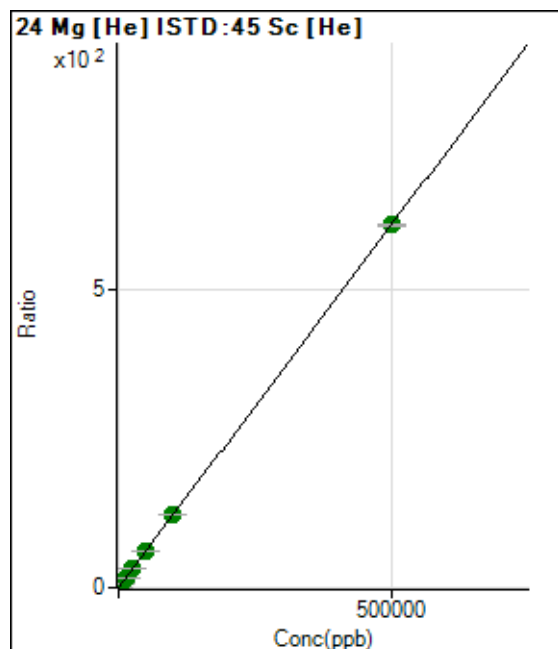
$$R = 1.0000$$

$$DL = 5.923$$

$$BEC = 130.7$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	4133.96	0.0224	P	4.3
2	☐	500.000	535.768	126672.02	0.6768	P	0.5
3	☐	5000.000	5346.022	1201561.62	6.5525	A	1.4
4	☐	12500.000	12958.730	2929735.09	15.8514	A	0.7
5	☐	25000.000	25946.260	5849317.27	31.7157	A	2.8
6	☐	50000.000	51175.425	11381502.05	62.5332	A	0.4
7	☐	100000.00	100144.98	22493654.67	122.3495	A	0.6
8	☐	500000.00	499791.18	106819078.4	610.5175	A	0.3

$$y = 0.0012 * x + 0.0224$$

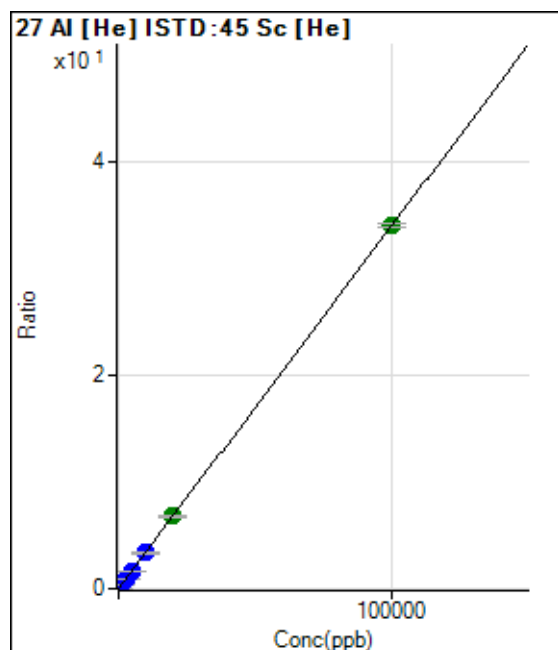
$$R = 1.0000$$

$$DL = 2.376$$

$$BEC = 18.3$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	113.33	0.0006	P	11.1
2	☐	20.000	18.890	1317.85	0.0070	P	4.6
3	☐	1000.000	1002.990	62685.38	0.3418	P	0.2
4	☐	2500.000	2460.172	154800.30	0.8376	P	0.8
5	☐	5000.000	4942.658	310252.35	1.6821	P	2.1
6	☐	10000.000	9829.508	608743.34	3.3446	P	0.5
7	☐	20000.000	19944.046	1247461.68	6.7856	A	1.6
8	☐	100000.00	100032.07	5954172.07	34.0317	A	0.9

$$y = 3.4020E-004 * x + 6.1331E-004$$

$$R = 1.0000$$

$$DL = 0.5992$$

$$BEC = 1.803$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	513265.19	0.0490	P	0.6
2	☐	10.000	6.376	590083.28	0.0567	P	0.4
3	☐	50.000	51.081	1168455.04	0.1105	A	0.8
4	☐	125.000	128.798	2134505.19	0.2041	A	1.2
5	☐	250.000	253.013	3706115.15	0.3536	A	2.6
6	☐	500.000	512.571	6836667.26	0.6661	A	2.9
7	☐	1000.000	992.469	12718038.98	1.2438	A	1.5
8	☐			670331.67	0.0697	P	2.2

$$y = 0.0012 * x + 0.0490$$

$$R = 0.9999$$

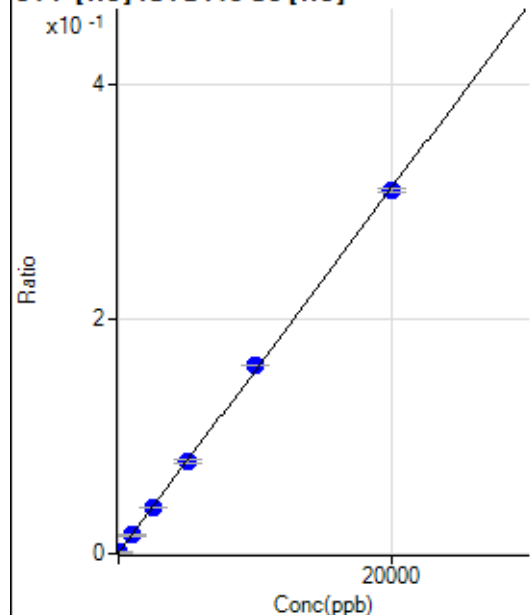
$$DL = 0.7172$$

$$BEC = 40.75$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-11.458	86.67	0.0005	P	16.3
2	☐	0.000	11.458	154.45	0.0008	P	18.3
3	☐	1000.000	982.833	2924.77	0.0160	P	5.7
4	☐	2500.000	2513.659	7354.15	0.0398	P	0.4
5	☐	5000.000	4977.904	14412.81	0.0782	P	3.8
6	☐	10000.000	10324.689	29379.74	0.1614	P	0.3
7	☐	20000.000	19842.330	56922.18	0.3096	P	0.9
8	☐			88.89	0.0005	P	18.3

$$y = 1.5572E-005 * x + 6.4699E-004$$

$$R = 0.9998$$

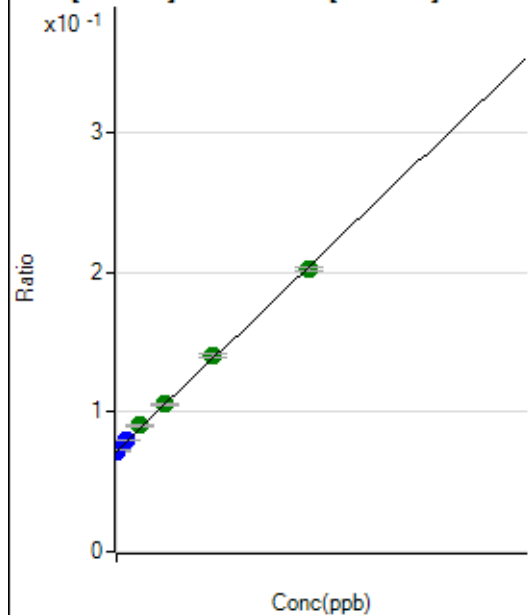
$$DL = 21.95$$

$$BEC = 41.55$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	-122.073	746544.49	0.0713	P	0.2
2	☐	0.000	122.073	758825.73	0.0729	P	0.2
3	☐	1000.000	1186.137	844998.56	0.0799	P	0.6
4	☐	2500.000	2786.306	946100.82	0.0905	A	1.5
5	☐	5000.000	5051.511	1104109.44	0.1053	A	2.0
6	☐	10000.000	10299.215	1435460.71	0.1398	A	1.9
7	☐	20000.000	19792.420	2067919.90	0.2022	A	1.3
8	☐			682747.53	0.0710	P	1.3

$$y = 6.5727E-006 * x + 0.0721$$

R = 0.9997

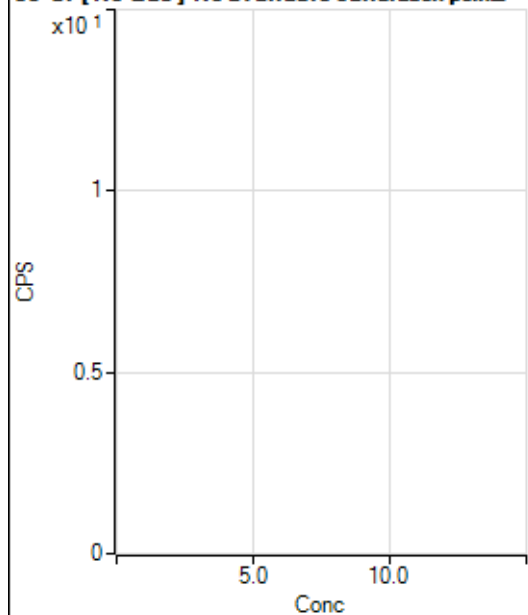
DL = 52.29

BEC = 1.098E+04

Weight: <None>

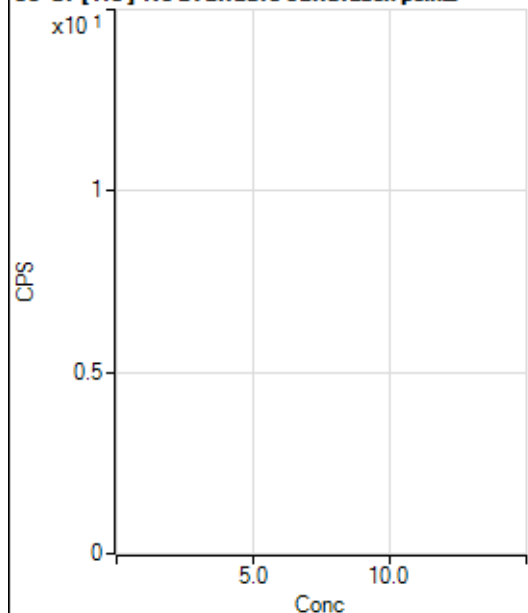
Min Conc: 0

35 Cl [No Gas] No available calibration points



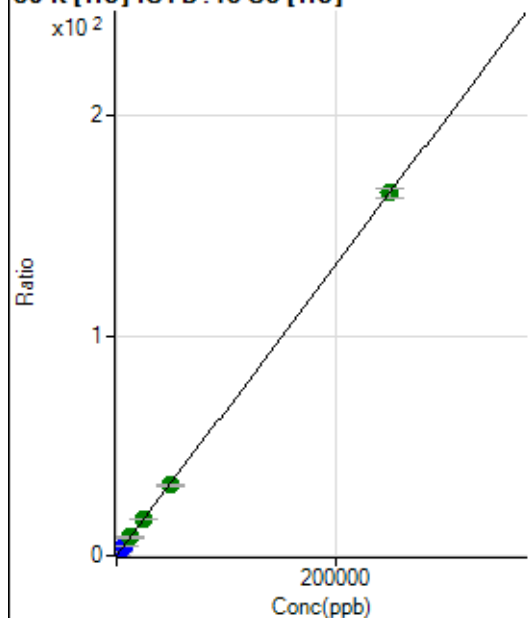
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			127507.58		P	0.4
2	☐			127300.34		P	1.0
3	☐			126941.70		P	0.1
4	☐			128789.58		P	0.7
5	☐			132751.66		P	1.2
6	☐			143977.44		P	1.3
7	☐			165127.62		P	1.8
8	☐			125792.96		P	1.6

35 Cl [He] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			496.68		P	4.4
2	☐			426.68		P	6.8
3	☐			451.12		P	10.6
4	☐			468.90		P	15.1
5	☐			474.46		P	5.4
6	☐			556.68		P	2.2
7	☐			630.02		P	7.4
8	☐			472.23		P	12.0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	9404.26	0.0509	P	2.0
2	☐	500.000	511.948	72701.71	0.3885	P	0.9
3	☐	2500.000	2515.987	313557.84	1.7099	P	0.8
4	☐	6250.000	6130.526	756536.93	4.0933	P	0.6
5	☐	12500.000	12535.253	1533826.82	8.3166	A	2.5
6	☐	25000.000	25173.078	3030279.68	16.6499	A	1.2
7	☐	50000.000	48434.432	5880779.98	31.9883	A	0.9
8	☐	250000.00	250296.84	28881381.23	165.0952	A	2.5

$$y = 6.5939E-004 * x + 0.0509$$

$$R = 1.0000$$

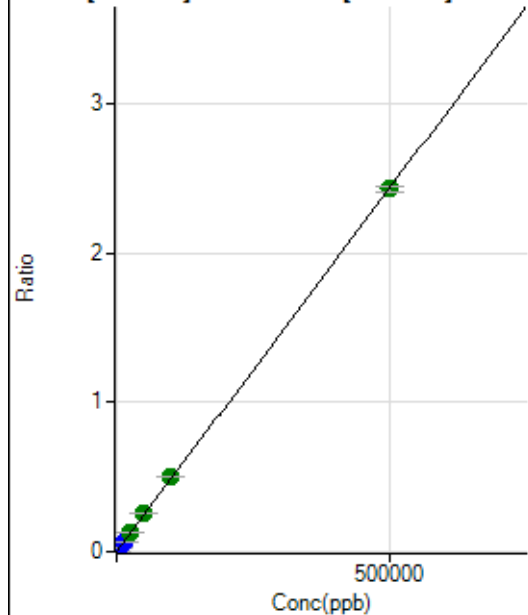
$$DL = 4.646$$

$$BEC = 77.16$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	418.90	0.0000	P	8.2
2	☐	500.000	557.274	28606.29	0.0027	P	1.0
3	☐	5000.000	5237.620	269627.71	0.0255	P	1.6
4	☐	12500.000	12948.521	658945.87	0.0630	P	1.0
5	☐	25000.000	25865.046	1318677.40	0.1258	A	2.3
6	☐	50000.000	52812.055	2636408.17	0.2569	A	2.6
7	☐	100000.00	102909.14	5117125.24	0.5005	A	1.9
8	☐	500000.00	499080.06	23340811.32	2.4270	A	1.8

$$y = 4.8628E-006 * x + 4.0045E-005$$

R = 1.0000

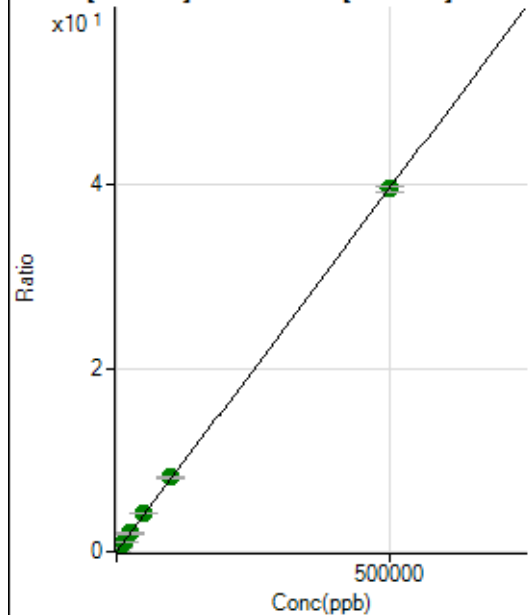
DL = 2.029

BEC = 8.235

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	29255.37	0.0028	P	1.1
2	☐	500.000	550.279	482897.91	0.0464	P	0.9
3	☐	5000.000	5237.700	4418528.03	0.4180	A	1.7
4	☐	12500.000	12884.254	10712373.38	1.0243	A	0.1
5	☐	25000.000	25348.293	21091365.24	2.0124	A	2.7
6	☐	50000.000	52048.012	42391909.09	4.1292	A	1.5
7	☐	100000.00	102351.35	83002634.32	8.1172	A	1.1
8	☐	500000.00	499295.47	380710749.8	39.5869	A	1.9

$$y = 7.9280E-005 * x + 0.0028$$

R = 1.0000

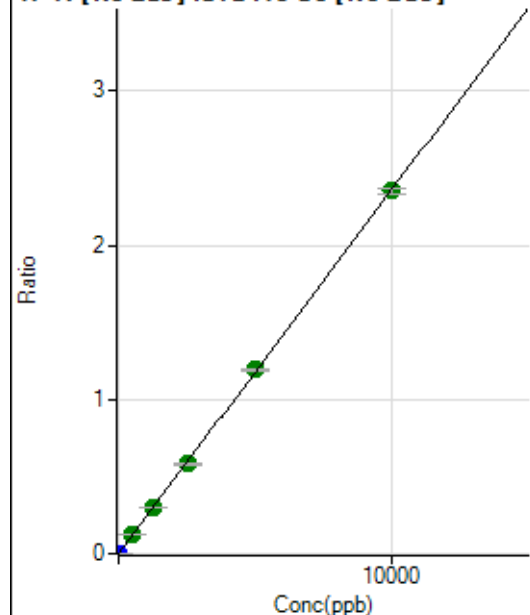
DL = 1.132

BEC = 35.26

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	640.08	0.0001	P	15.8
2	☐	5.000	5.289	13608.75	0.0013	P	0.9
3	☐	500.000	512.437	1277689.90	0.1209	A	1.8
4	☐	1250.000	1266.661	3124153.88	0.2987	A	0.9
5	☐	2500.000	2461.336	6083835.88	0.5804	A	1.1
6	☐	5000.000	5058.425	12245010.10	1.1927	A	1.2
7	☐	10000.000	9977.749	24056862.42	2.3526	A	1.3
8	☐			4429.62	0.0005	P	3.8

$$y = 2.3578E-004 * x + 6.1210E-005$$

$$R = 1.0000$$

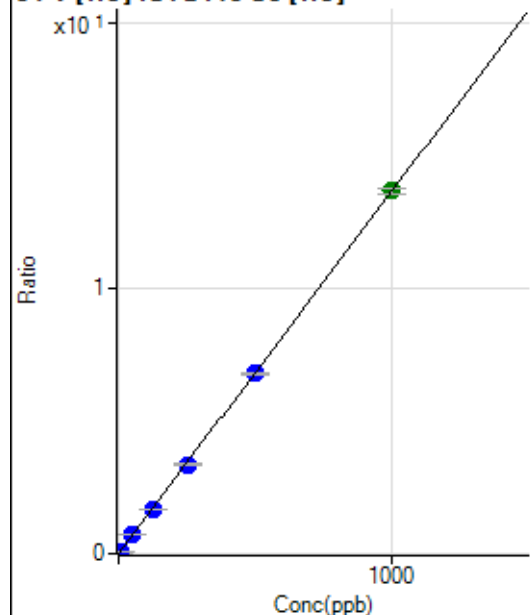
$$DL = 0.1232$$

$$BEC = 0.2596$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	15.55	0.0001	P	45.5
2	☐	5.000	5.287	13518.69	0.0722	P	1.4
3	☐	50.000	50.766	127068.63	0.6929	P	0.7
4	☐	125.000	124.016	312836.60	1.6926	P	0.2
5	☐	250.000	246.737	621038.67	3.3674	P	2.7
6	☐	500.000	497.839	1236563.13	6.7943	P	1.2
7	☐	1000.000	1001.980	2513928.26	13.6746	A	1.4
8	☐			721.14	0.0041	P	5.7

$$y = 0.0136 * x + 8.4396E-005$$

$$R = 1.0000$$

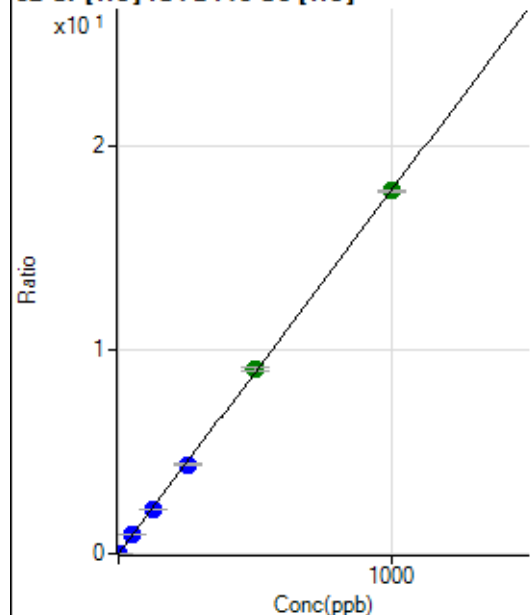
$$DL = 0.008434$$

$$BEC = 0.006184$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	746.69	0.0040	P	5.8
2	☐	2.000	2.074	7658.78	0.0409	P	1.3
3	☐	50.000	50.527	165473.33	0.9024	P	0.7
4	☐	125.000	123.544	406715.60	2.2006	P	0.4
5	☐	250.000	243.673	799782.35	4.3364	P	2.2
6	☐	500.000	506.313	1639015.11	9.0059	A	2.1
7	☐	1000.000	998.581	3264720.71	17.7580	A	0.5
8	☐			10331.59	0.0590	P	1.9

$$y = 0.0178 * x + 0.0040$$

$$R = 0.9999$$

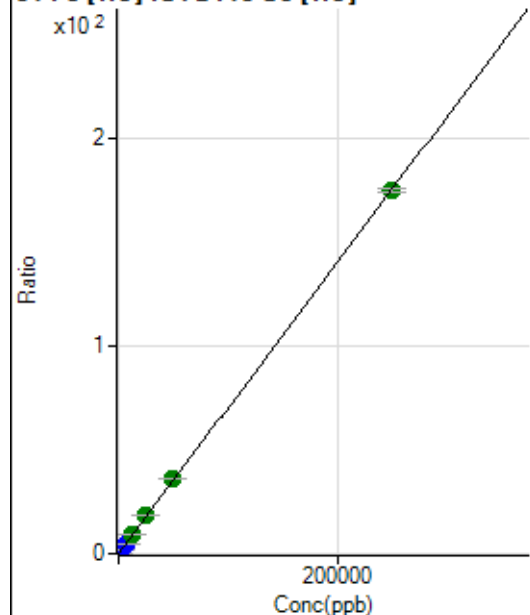
$$DL = 0.03972$$

$$BEC = 0.2271$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	363.34	0.0020	P	15.0
2	☐	50.000	56.743	7796.63	0.0417	P	1.1
3	☐	2500.000	2696.478	346196.43	1.8879	P	0.6
4	☐	6250.000	6564.854	848945.15	4.5934	P	1.1
5	☐	12500.000	13288.875	1714697.87	9.2961	A	1.8
6	☐	25000.000	26612.619	3387818.60	18.6147	A	1.5
7	☐	50000.000	51759.812	6655597.40	36.2025	A	0.4
8	☐	250000.00	249437.49	30521899.54	174.4570	A	1.2

$$y = 6.9939E-004 * x + 0.0020$$

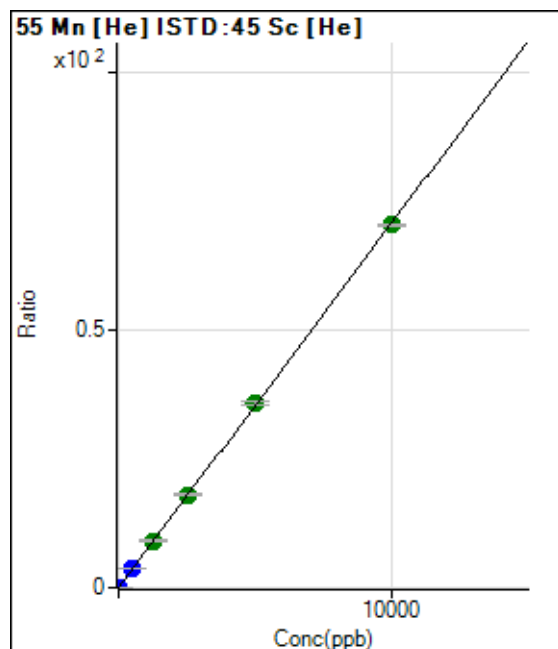
$$R = 1.0000$$

$$DL = 1.267$$

$$BEC = 2.814$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	164.45	0.0009	P	13.9
2	☐	1.000	1.039	1540.10	0.0082	P	3.3
3	☐	500.000	514.385	666753.06	3.6359	P	0.4
4	☐	1250.000	1288.953	1683574.99	9.1096	A	1.8
5	☐	2500.000	2554.575	3330009.78	18.0535	A	1.5
6	☐	5000.000	5051.624	6497271.29	35.6995	A	1.6
7	☐	10000.000	9954.956	12933611.89	70.3502	A	0.3
8	☐			5867.92	0.0335	P	2.6

$$y = 0.0071 * x + 8.8853E-004$$

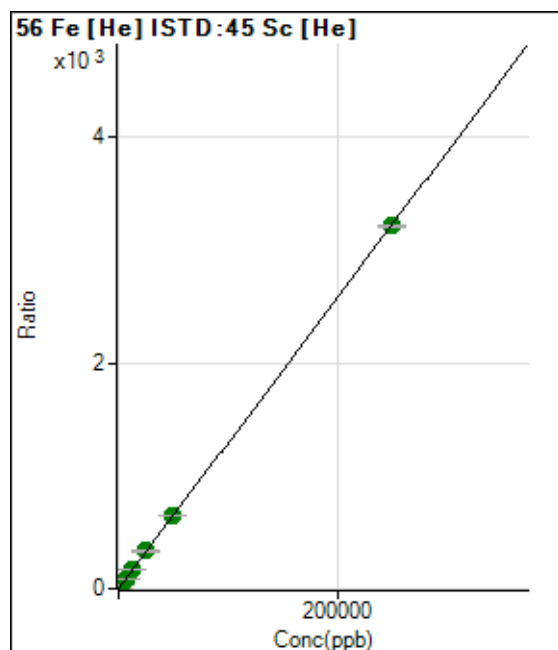
$$R = 1.0000$$

$$DL = 0.05231$$

$$BEC = 0.1257$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	5986.86	0.0324	P	1.5
2	☐	50.000	55.418	139578.56	0.7458	P	0.7
3	☐	2500.000	2687.743	6350587.89	34.6310	A	0.8
4	☐	6250.000	6542.381	15571277.27	84.2508	A	0.8
5	☐	12500.000	12986.197	30836203.98	167.2004	A	2.6
6	☐	25000.000	25941.773	60784408.54	333.9742	A	1.1
7	☐	50000.000	50686.796	119961205.9	652.5106	A	0.3
8	☐	250000.00	249734.96	562514476.0	3,214.807	A	0.7

$$y = 0.0129 * x + 0.0324$$

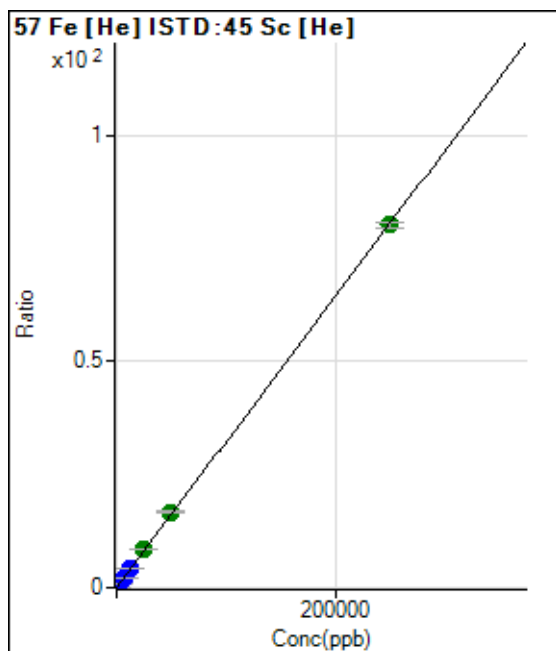
$$R = 1.0000$$

$$DL = 0.1131$$

$$BEC = 2.516$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	137.78	0.0007	P	10.4
2	☐	50.000	54.915	3446.01	0.0184	P	2.5
3	☐	2500.000	2653.277	156656.71	0.8543	P	0.5
4	☐	6250.000	6481.522	385499.25	2.0858	P	0.7
5	☐	12500.000	12791.724	759108.12	4.1157	P	2.0
6	☐	25000.000	26686.958	1562671.56	8.5857	A	0.8
7	☐	50000.000	51971.331	3073859.16	16.7194	A	1.2
8	☐	250000.00	249415.13	14037437.98	80.2350	A	1.6

$$y = 3.2169E-004 * x + 7.4458E-004$$

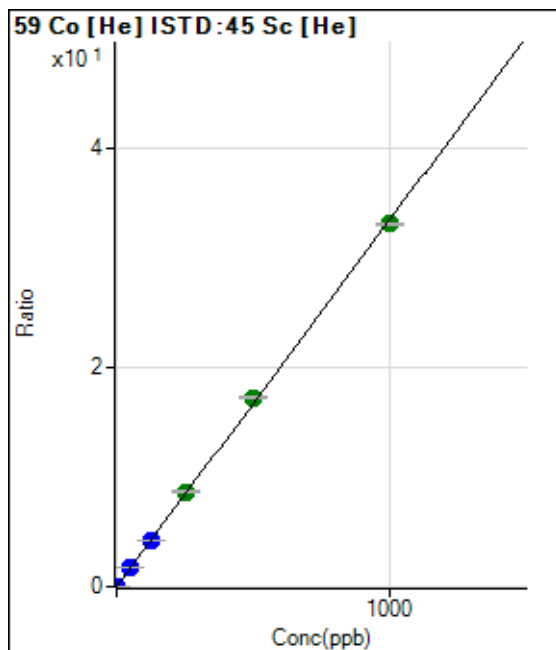
R = 1.0000

DL = 0.722

BEC = 2.315

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	174.45	0.0009	P	11.1
2	☐	1.000	1.137	7277.47	0.0389	P	2.1
3	☐	50.000	52.741	322956.36	1.7612	P	0.8
4	☐	125.000	127.362	785770.42	4.2516	P	1.0
5	☐	250.000	257.217	1583511.76	8.5854	A	2.1
6	☐	500.000	515.545	3131815.65	17.2069	A	0.6
7	☐	1000.000	989.991	6074573.17	33.0413	A	0.8
8	☐			12716.88	0.0727	P	1.8

$$y = 0.0334 * x + 9.4281E-004$$

R = 0.9998

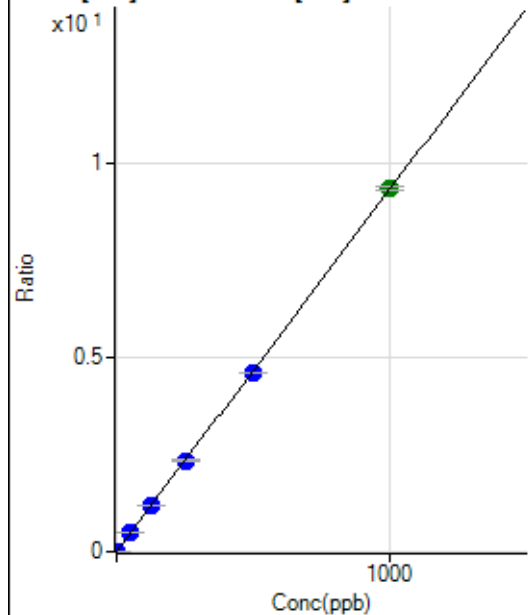
DL = 0.009399

BEC = 0.02825

Weight: <None>

Min Conc: 0

⁶⁰Ni [He] ISTD: ⁴⁵Sc [He]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	911.15	0.0049	P	3.1
2	☐	1.000	1.088	2815.86	0.0150	P	1.5
3	☐	50.000	52.412	90244.72	0.4921	P	0.8
4	☐	125.000	127.271	219562.39	1.1880	P	0.9
5	☐	250.000	250.554	430456.00	2.3340	P	2.4
6	☐	500.000	494.517	837554.47	4.6017	P	0.4
7	☐	1000.000	1002.199	1713577.08	9.3209	A	1.1
8	☐			6671.63	0.0381	P	3.2

$$y = 0.0093 * x + 0.0049$$

$$R = 1.0000$$

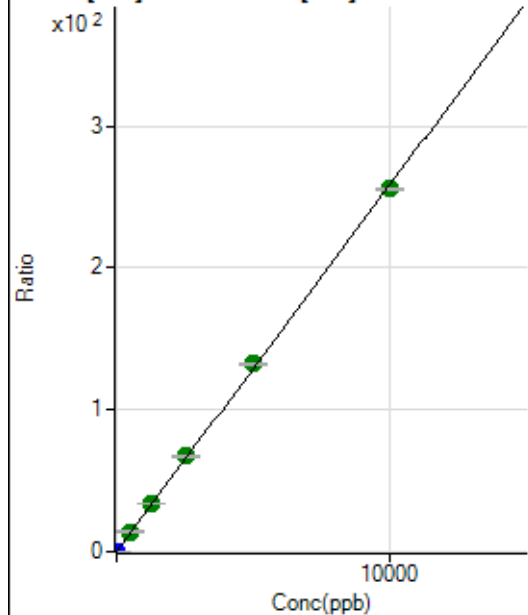
$$DL = 0.04913$$

$$BEC = 0.5304$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD: ⁴⁵Sc [He]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3408.22	0.0184	P	4.3
2	☐	2.000	2.254	14341.79	0.0766	P	1.1
3	☐	500.000	549.997	2607152.39	14.2175	A	1.0
4	☐	1250.000	1309.061	6249460.25	33.8139	A	1.1
5	☐	2500.000	2606.155	12411753.15	67.3005	A	2.8
6	☐	5000.000	5119.625	24058980.75	132.1897	A	0.8
7	☐	10000.000	9903.766	47009129.30	255.6999	A	0.8
8	☐			11176.73	0.0639	P	2.1

$$y = 0.0258 * x + 0.0184$$

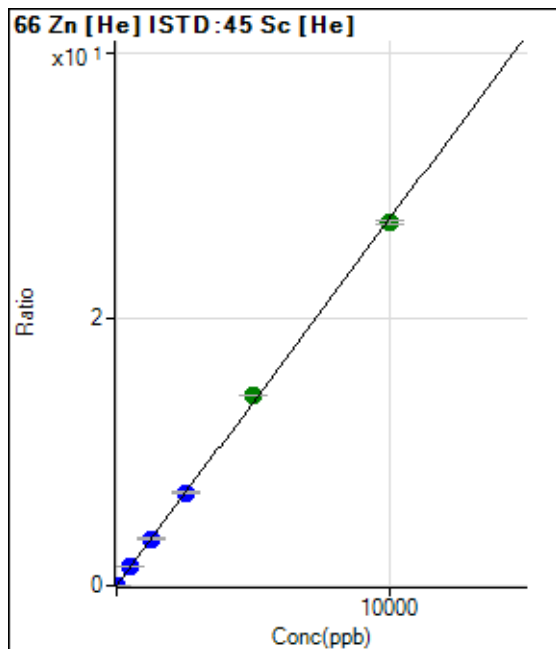
$$R = 0.9998$$

$$DL = 0.09155$$

$$BEC = 0.7144$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	195.56	0.0011	P	19.7
2	☐	2.000	5.719	3142.60	0.0168	P	3.5
3	☐	500.000	529.429	267299.64	1.4576	P	0.9
4	☐	1250.000	1280.881	651513.04	3.5251	P	0.8
5	☐	2500.000	2534.639	1286339.64	6.9745	P	2.2
6	☐	5000.000	5189.570	2598898.36	14.2788	A	0.1
7	☐	10000.000	9891.223	5003111.38	27.2142	A	0.9
8	☐			2770.30	0.0158	P	5.2

$$y = 0.0028 * x + 0.0011$$

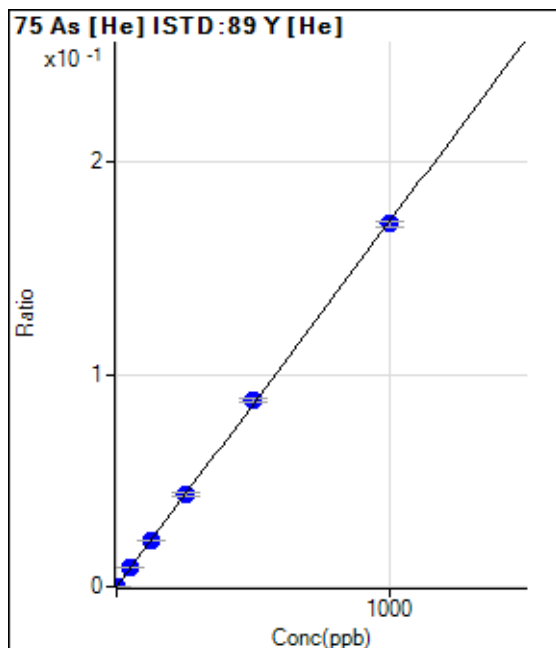
$$R = 0.9997$$

$$DL = 0.228$$

$$BEC = 0.3851$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	11.11	0.0000	P	86.6
2	☐	1.000	1.035	321.12	0.0002	P	6.4
3	☐	50.000	51.271	15063.70	0.0088	P	1.3
4	☐	125.000	125.336	36952.74	0.0215	P	0.1
5	☐	250.000	254.368	74181.62	0.0437	P	4.4
6	☐	500.000	510.113	146407.79	0.0877	P	1.7
7	☐	1000.000	993.746	289459.19	0.1708	P	1.3
8	☐			161.11	0.0001	P	11.4

$$y = 1.7185E-004 * x + 6.4940E-006$$

$$R = 0.9999$$

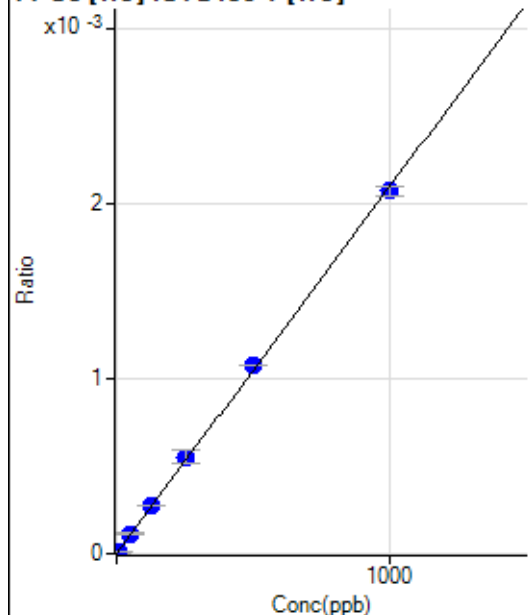
$$DL = 0.09818$$

$$BEC = 0.03779$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.2
2	☐	5.000	4.860	18.89	0.0000	P	26.6
3	☐	50.000	53.081	191.11	0.0001	P	8.7
4	☐	125.000	130.536	470.01	0.0003	P	2.6
5	☐	250.000	264.367	938.93	0.0006	P	12.2
6	☐	500.000	513.088	1795.69	0.0011	P	0.6
7	☐	1000.000	989.019	3512.70	0.0021	P	2.4
8	☐			5.56	0.0000	P	91.3

$$y = 2.0943\text{E-}006 * x + 6.4547\text{E-}007$$

R = 0.9998

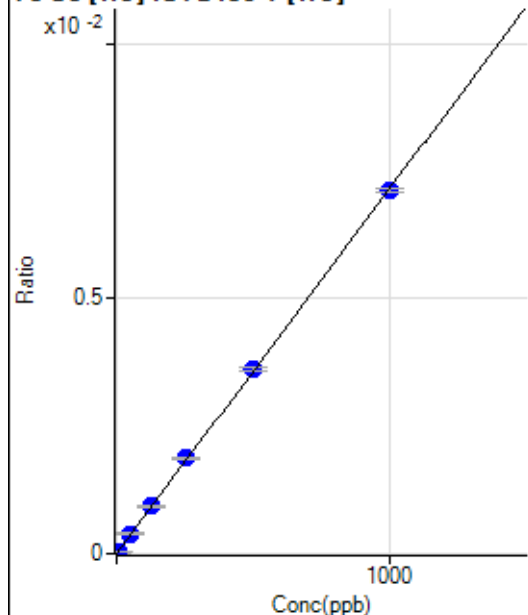
DL = 1.601

BEC = 0.3082

Weight: <None>

Min Conc: 0

78 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	99.6
2	☐	5.000	5.251	68.89	0.0000	P	19.6
3	☐	50.000	53.807	661.13	0.0004	P	6.4
4	☐	125.000	130.981	1610.11	0.0009	P	3.7
5	☐	250.000	261.912	3183.72	0.0019	P	1.4
6	☐	500.000	503.494	6016.91	0.0036	P	2.2
7	☐	1000.000	994.336	12056.36	0.0071	P	1.1
8	☐			15.56	0.0000	P	52.3

$$y = 7.1519\text{E-}006 * x + 1.9431\text{E-}006$$

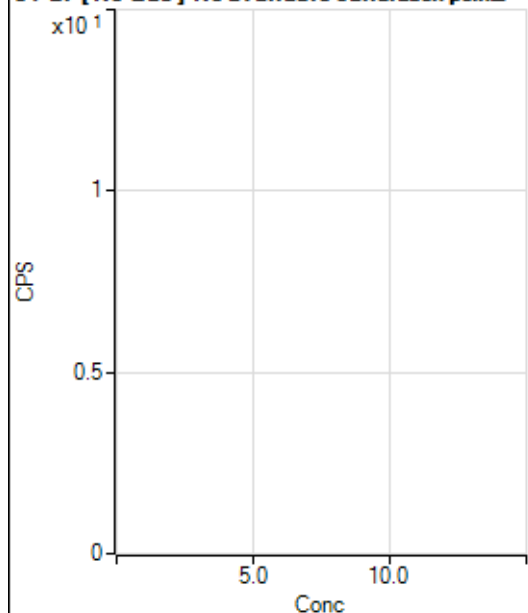
R = 0.9999

DL = 0.8116

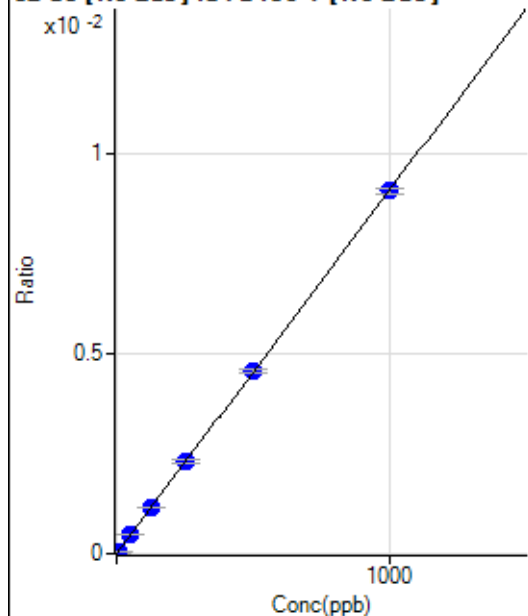
BEC = 0.2717

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			3632.73		P	4.5
2	☐			3846.13		P	1.9
3	☐			3836.12		P	1.4
4	☐			3917.26		P	1.7
5	☐			3969.49		P	2.4
6	☐			3911.70		P	1.8
7	☐			4038.40		P	3.3
8	☐			4264.02		P	2.2

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	-35.56	0.0000	P	-108.
2	☐	5.000	5.690	1360.11	0.0001	P	6.7
3	☐	50.000	51.353	12673.84	0.0005	P	3.7
4	☐	125.000	125.574	30977.02	0.0011	P	0.3
5	☐	250.000	255.037	62439.44	0.0023	P	3.5
6	☐	500.000	500.836	122328.15	0.0046	P	1.9
7	☐	1000.000	998.180	240507.81	0.0091	P	1.5
8	☐			-31.12	0.0000	P	-86.4

$$y = 9.1072\text{E-}006 * x - 1.3157\text{E-}006$$

$$R = 1.0000$$

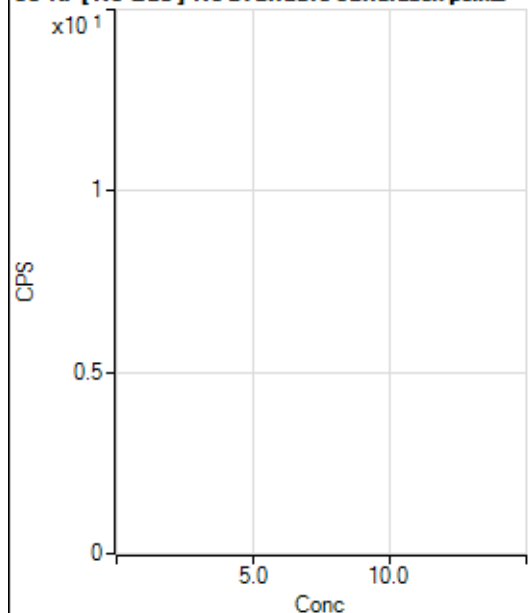
$$DL = 0.4707$$

$$BEC = -0.1445$$

Weight: <None>

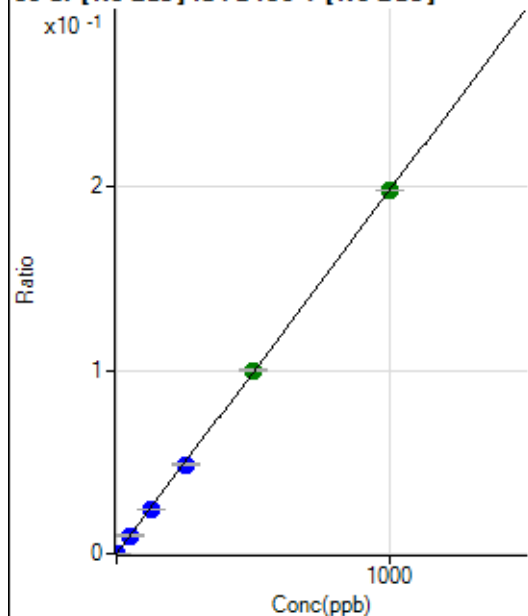
Min Conc: 0

83 Kr [No Gas] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			285.56		P	17.3
2	☐			291.12		P	15.6
3	☐			262.23		P	15.9
4	☐			277.78		P	5.9
5	☐			264.45		P	9.5
6	☐			291.12		P	0.7
7	☐			317.79		P	4.2
8	☐			357.79		P	6.9

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	781.14	0.0000	P	6.5
2	☐	1.000	1.039	6325.94	0.0002	P	2.4
3	☐	50.000	50.116	270837.62	0.0100	P	1.2
4	☐	125.000	123.384	664050.36	0.0245	P	1.2
5	☐	250.000	245.451	1309660.60	0.0487	P	2.7
6	☐	500.000	504.909	2685975.69	0.1001	A	1.5
7	☐	1000.000	998.879	5240817.01	0.1980	A	0.2
8	☐			15965.88	0.0006	P	1.7

$$y = 1.9824E-004 * x + 2.8879E-005$$

$$R = 1.0000$$

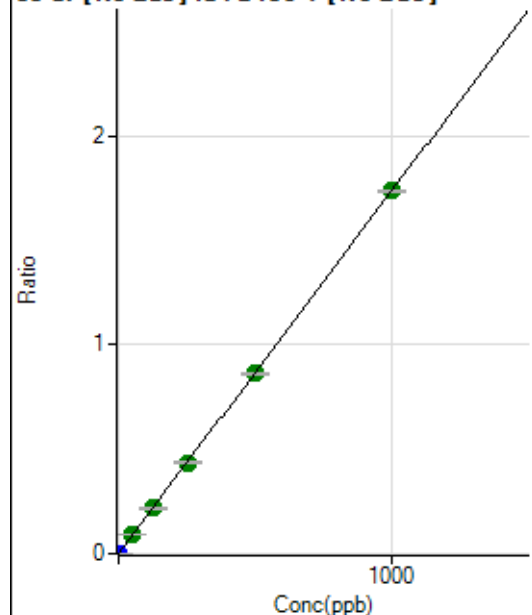
$$DL = 0.02836$$

$$BEC = 0.1457$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	2825.87	0.0001	P	5.6
2	☐	1.000	1.051	51967.28	0.0019	P	0.6
3	☐	50.000	51.020	2410345.68	0.0887	A	1.4
4	☐	125.000	125.158	5894713.10	0.2174	A	1.2
5	☐	250.000	250.752	11713536.63	0.4354	A	2.0
6	☐	500.000	498.039	23198508.54	0.8647	A	1.0
7	☐	1000.000	1000.722	45973874.87	1.7374	A	0.6
8	☐			136274.86	0.0055	P	0.8

$$y = 0.0017 * x + 1.0448E-004$$

R = 1.0000

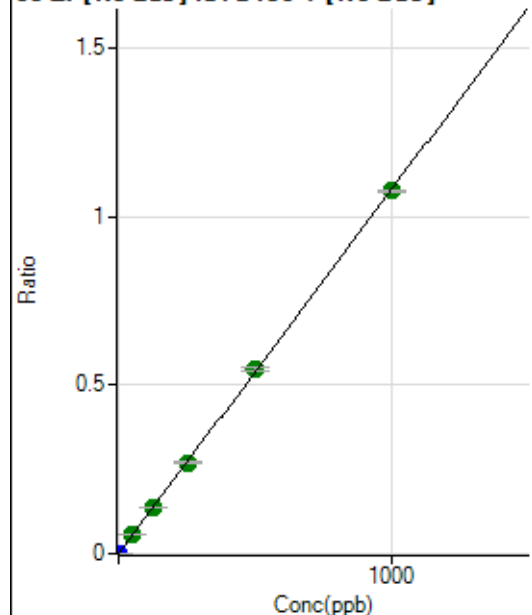
DL = 0.01018

BEC = 0.06018

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	913.37	0.0000	P	0.9
2	☐	1.000	1.028	30819.64	0.0011	P	0.7
3	☐	50.000	51.000	1497319.02	0.0551	A	2.0
4	☐	125.000	125.544	3675817.06	0.1356	A	1.3
5	☐	250.000	250.667	7280292.88	0.2706	A	2.2
6	☐	500.000	506.355	14665439.92	0.5466	A	1.7
7	☐	1000.000	996.538	28467033.47	1.0758	A	0.8
8	☐			46238.69	0.0019	P	0.2

$$y = 0.0011 * x + 3.3766E-005$$

R = 1.0000

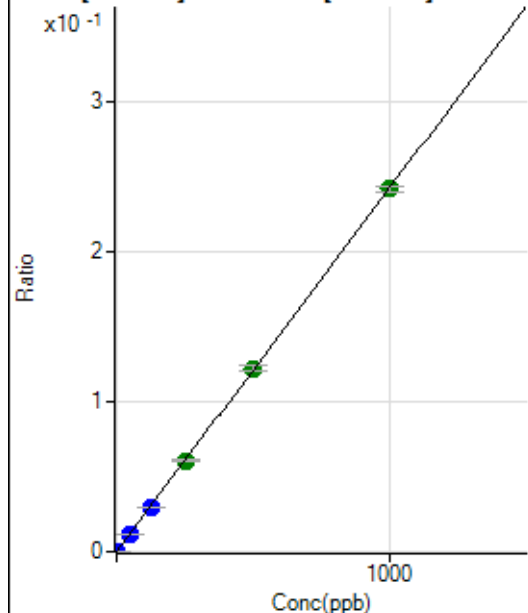
DL = 0.0008525

BEC = 0.03128

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	174.45	0.0000	P	10.5
2	☐	1.000	1.011	6780.59	0.0003	P	2.2
3	☐	50.000	49.304	325406.46	0.0120	P	2.6
4	☐	125.000	121.120	797307.97	0.0294	P	1.0
5	☐	250.000	250.640	1636637.43	0.0608	A	2.2
6	☐	500.000	504.843	3287332.35	0.1225	A	2.3
7	☐	1000.000	997.938	6409197.75	0.2422	A	1.4
8	☐			10289.43	0.0004	P	0.9

$$y = 2.4270E-004 * x + 6.4489E-006$$

R = 1.0000

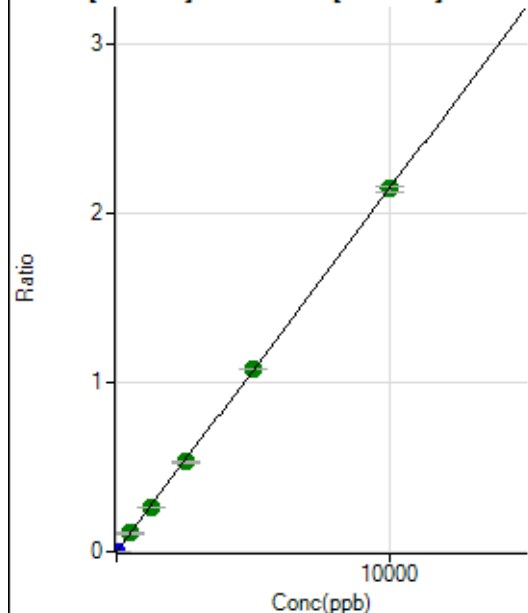
DL = 0.008347

BEC = 0.02657

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	391.12	0.0000	P	11.5
2	☐	5.000	6.230	36412.05	0.0014	P	1.0
3	☐	500.000	504.362	2942752.00	0.1083	A	2.7
4	☐	1250.000	1234.020	7183080.38	0.2649	A	0.1
5	☐	2500.000	2481.328	14327663.40	0.5326	A	2.3
6	☐	5000.000	5027.630	28951671.24	1.0791	A	0.8
7	☐	10000.000	9992.632	56753204.71	2.1448	A	1.4
8	☐			40232.46	0.0016	P	0.9

$$y = 2.1464E-004 * x + 1.4461E-005$$

R = 1.0000

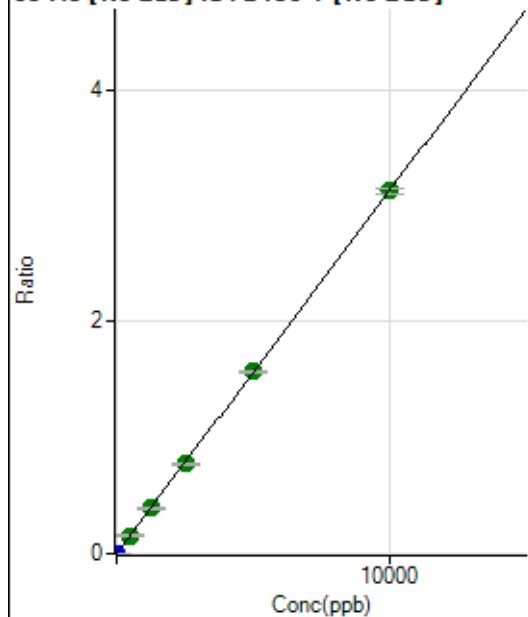
DL = 0.02315

BEC = 0.06737

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	152.23	0.0000	P	12.5
2	☐	5.000	5.167	43726.33	0.0016	P	0.6
3	☐	500.000	502.824	4278614.90	0.1574	A	1.4
4	☐	1250.000	1248.540	10597854.98	0.3908	A	1.0
5	☐	2500.000	2487.536	20947410.10	0.7786	A	2.1
6	☐	5000.000	5012.688	42095429.37	1.5691	A	1.1
7	☐	10000.000	9996.813	82800687.10	3.1292	A	1.4
8	☐			41343.55	0.0017	P	1.8

$$y = 3.1302\text{E-}004 * x + 5.6281\text{E-}006$$

R = 1.0000

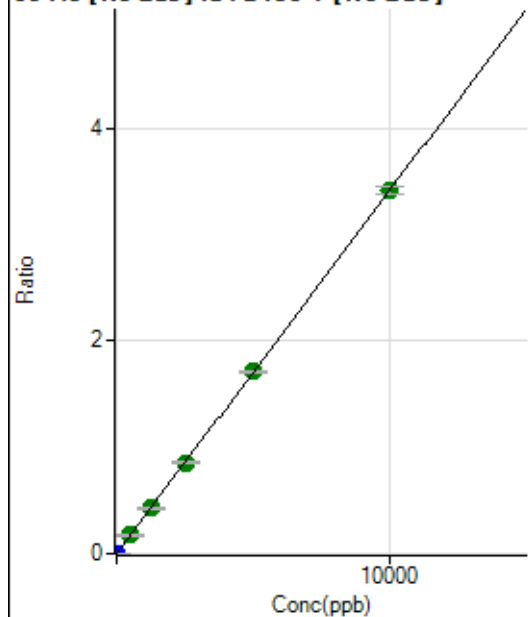
DL = 0.006769

BEC = 0.01798

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	245.56	0.0000	P	6.5
2	☐	5.000	5.321	49197.85	0.0018	P	1.4
3	☐	500.000	506.172	4699074.41	0.1729	A	1.3
4	☐	1250.000	1246.948	11548227.88	0.4259	A	0.6
5	☐	2500.000	2496.006	22931215.21	0.8524	A	2.5
6	☐	5000.000	5008.971	45893952.65	1.7106	A	1.3
7	☐	10000.000	9996.586	90334759.76	3.4140	A	2.0
8	☐			47771.86	0.0019	P	1.7

$$y = 3.4151\text{E-}004 * x + 9.0788\text{E-}006$$

R = 1.0000

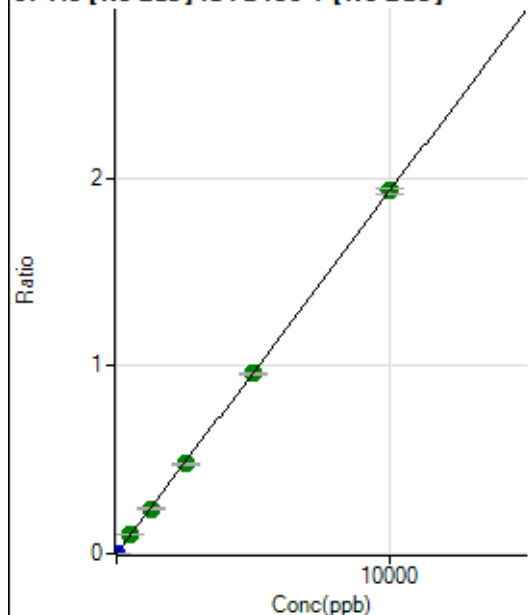
DL = 0.005151

BEC = 0.02658

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	122.22	0.0000	P	11.2
2	☐	5.000	5.281	27557.40	0.0010	P	0.6
3	☐	500.000	510.788	2677493.29	0.0985	A	1.7
4	☐	1250.000	1246.636	6519029.76	0.2404	A	1.1
5	☐	2500.000	2490.455	12919576.75	0.4803	A	2.4
6	☐	5000.000	4979.357	25761610.17	0.9602	A	0.8
7	☐	10000.000	10012.589	51090981.46	1.9308	A	1.7
8	☐			25497.94	0.0010	P	1.0

$$y = 1.9284E-004 * x + 4.5188E-006$$

R = 1.0000

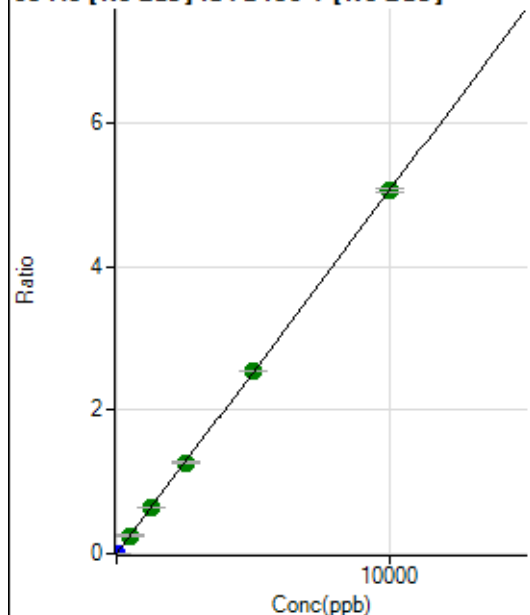
DL = 0.007839

BEC = 0.02343

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	196.67	0.0000	P	9.6
2	☐	5.000	5.179	70761.38	0.0026	P	0.6
3	☐	500.000	502.440	6906871.50	0.2541	A	2.0
4	☐	1250.000	1247.750	17112852.80	0.6310	A	0.6
5	☐	2500.000	2500.990	34024028.66	1.2649	A	2.8
6	☐	5000.000	5027.166	68212822.32	2.5425	A	0.8
7	☐	10000.000	9986.329	133643052.4	5.0505	A	1.1
8	☐			65447.77	0.0026	P	0.6

$$y = 5.0574E-004 * x + 7.2715E-006$$

R = 1.0000

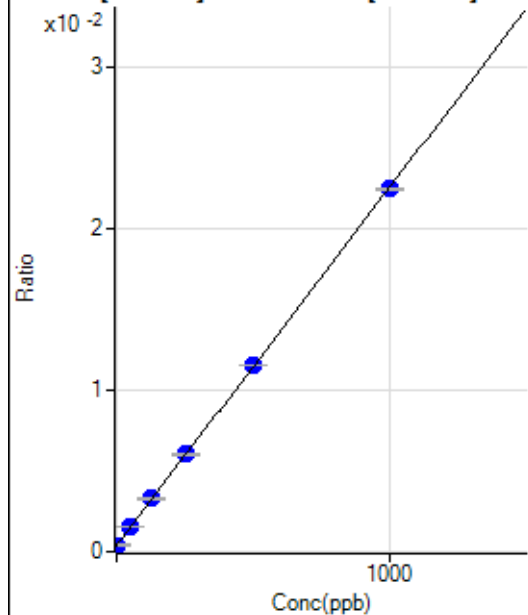
DL = 0.004143

BEC = 0.01438

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	8269.21	0.0004	P	0.7
2	☐	1.000	0.475	8583.87	0.0004	P	4.0
3	☐	50.000	53.290	33574.09	0.0016	P	1.4
4	☐	125.000	130.198	69305.01	0.0033	P	1.1
5	☐	250.000	255.105	127219.42	0.0061	P	2.4
6	☐	500.000	503.967	244847.64	0.0116	P	0.5
7	☐	1000.000	995.927	467069.89	0.0225	P	0.6
8	☐			7897.89	0.0004	P	2.8

$$y = 2.2169E-005 * x + 4.0012E-004$$

R = 1.0000

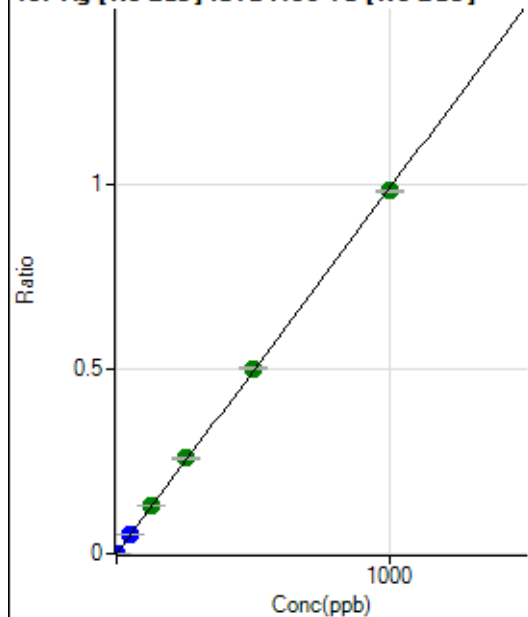
DL = 0.361

BEC = 18.05

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	232.23	0.0000	P	7.7
2	☐	1.000	1.052	21977.59	0.0011	P	1.9
3	☐	50.000	52.011	1091906.39	0.0514	P	1.4
4	☐	125.000	132.119	2755006.56	0.1306	A	0.4
5	☐	250.000	260.734	5416344.64	0.2578	A	2.1
6	☐	500.000	506.633	10598469.63	0.5009	A	1.0
7	☐	1000.000	993.010	20400324.14	0.9818	A	0.7
8	☐			3576.06	0.0002	P	2.7

$$y = 9.8873E-004 * x + 1.1244E-005$$

R = 0.9999

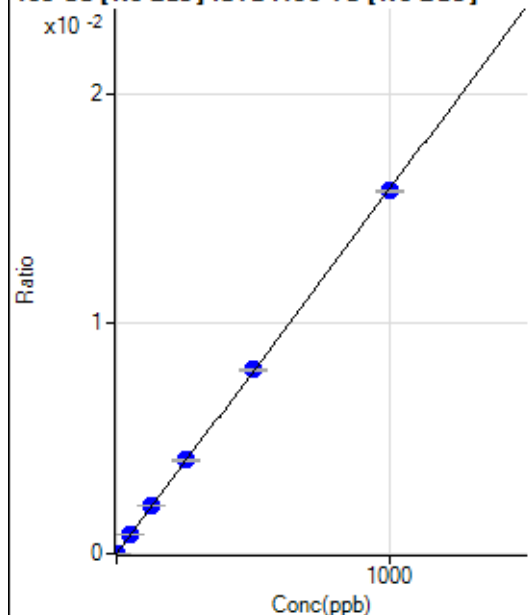
DL = 0.002643

BEC = 0.01137

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	20.00	0.0000	P	43.1
2	☐	1.000	1.069	374.45	0.0000	P	5.8
3	☐	50.000	52.508	17692.57	0.0008	P	2.3
4	☐	125.000	131.307	43924.10	0.0021	P	0.7
5	☐	250.000	257.135	85667.25	0.0041	P	2.9
6	☐	500.000	504.141	169137.44	0.0080	P	0.8
7	☐	1000.000	995.232	327895.52	0.0158	P	0.6
8	☐			264.45	0.0000	P	22.2

$$y = 1.5855E-005 * x + 9.6494E-007$$

R = 0.9999

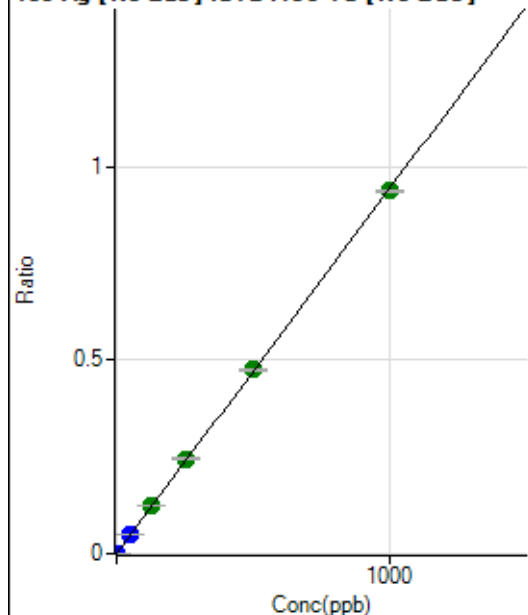
DL = 0.07876

BEC = 0.06086

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	66.66	0.0000	P	17.9
2	☐	1.000	1.067	21104.05	0.0010	P	1.9
3	☐	50.000	52.147	1043710.47	0.0492	P	1.8
4	☐	125.000	132.450	2633330.61	0.1249	A	1.1
5	☐	250.000	258.777	5125797.43	0.2440	A	2.1
6	☐	500.000	505.377	10080838.12	0.4765	A	1.2
7	☐	1000.000	994.079	19473775.13	0.9372	A	0.8
8	☐			3310.43	0.0002	P	8.7

$$y = 9.4279E-004 * x + 3.2280E-006$$

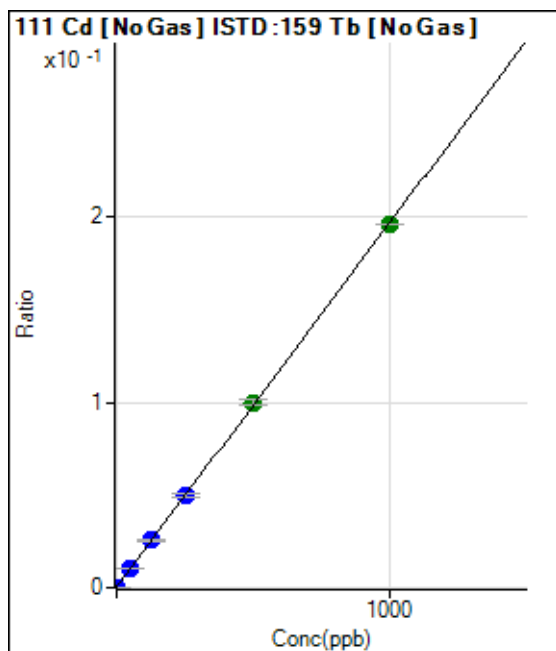
R = 0.9999

DL = 0.001837

BEC = 0.003424

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	5794.45	0.0003	P	0.8
2	☐	1.000	1.092	10342.96	0.0005	P	2.3
3	☐	50.000	52.063	222924.08	0.0105	P	1.6
4	☐	125.000	128.359	537297.32	0.0255	P	1.7
5	☐	250.000	252.065	1045505.93	0.0498	P	2.6
6	☐	500.000	507.835	2115317.97	0.1000	A	2.4
7	☐	1000.000	995.043	4064870.65	0.1956	A	0.1
8	☐			6083.44	0.0003	P	3.6

$$y = 1.9632E-004 * x + 2.8038E-004$$

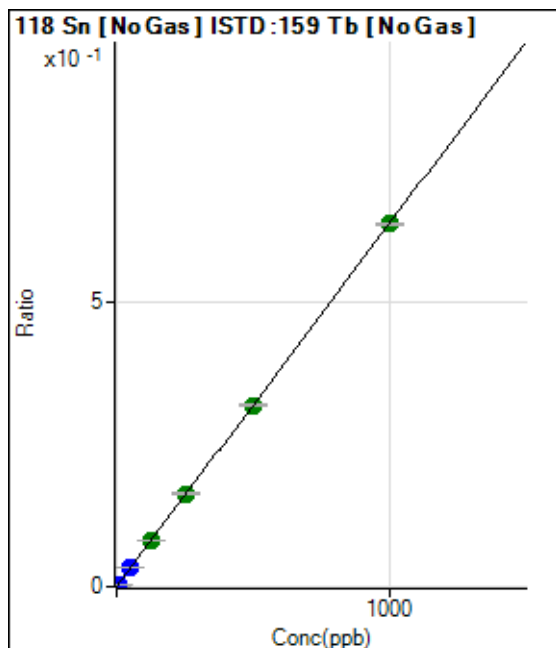
R = 0.9999

DL = 0.03577

BEC = 1.428

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3199.33	0.0002	P	1.4
2	☐	5.000	5.406	75531.26	0.0036	P	1.0
3	☐	50.000	51.155	697930.70	0.0329	P	1.7
4	☐	125.000	128.995	1743462.38	0.0827	A	0.2
5	☐	250.000	255.483	3437226.72	0.1636	A	1.4
6	☐	500.000	499.030	6757281.01	0.3194	A	0.6
7	☐	1000.000	998.555	13275721.05	0.6389	A	0.7
8	☐			4106.22	0.0002	P	7.3

$$y = 6.3969E-004 * x + 1.5482E-004$$

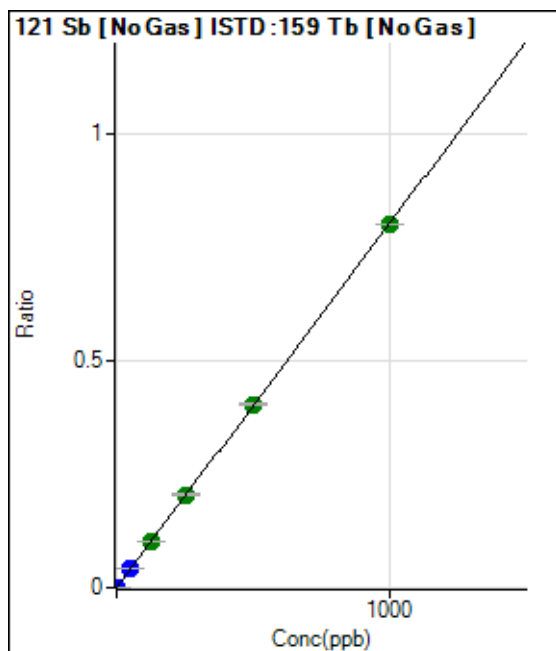
R = 1.0000

DL = 0.01045

BEC = 0.242

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	52.22	0.0000	P	20.8
2	☐	2.000	2.170	36398.34	0.0017	P	1.1
3	☐	50.000	50.695	862187.81	0.0406	P	1.5
4	☐	125.000	128.994	2179274.22	0.1033	A	0.3
5	☐	250.000	254.133	4277443.27	0.2036	A	1.9
6	☐	500.000	503.651	8536571.33	0.4035	A	0.8
7	☐	1000.000	996.607	16589281.14	0.7984	A	0.0
8	☐			13604.64	0.0007	P	3.0

$$y = 8.0110E-004 * x + 2.5284E-006$$

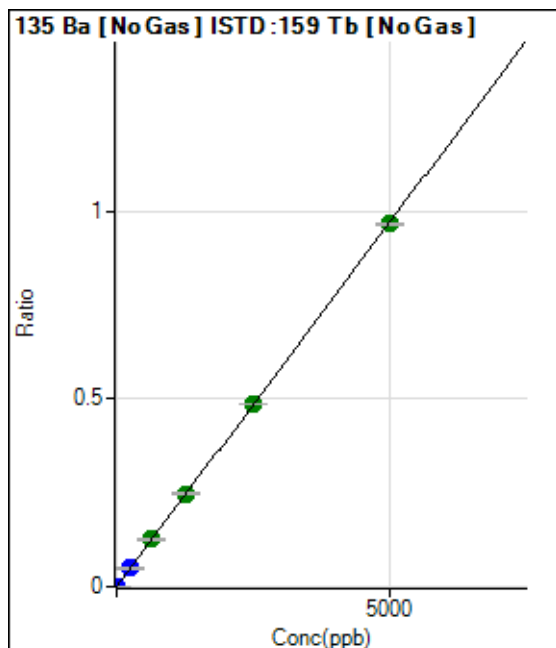
R = 1.0000

DL = 0.001972

BEC = 0.003156

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	258.90	0.0000	P	3.4
2	☐	10.000	10.674	43544.16	0.0021	P	1.5
3	☐	250.000	252.123	1038393.20	0.0489	P	1.1
4	☐	625.000	650.192	2659638.67	0.1261	A	1.5
5	☐	1250.000	1270.549	5177905.86	0.2464	A	1.9
6	☐	2500.000	2516.167	10325885.82	0.4880	A	0.2
7	☐	5000.000	4983.523	20084869.70	0.9666	A	0.5
8	☐			7615.55	0.0004	P	2.4

$$y = 1.9396E-004 * x + 1.2526E-005$$

R = 1.0000

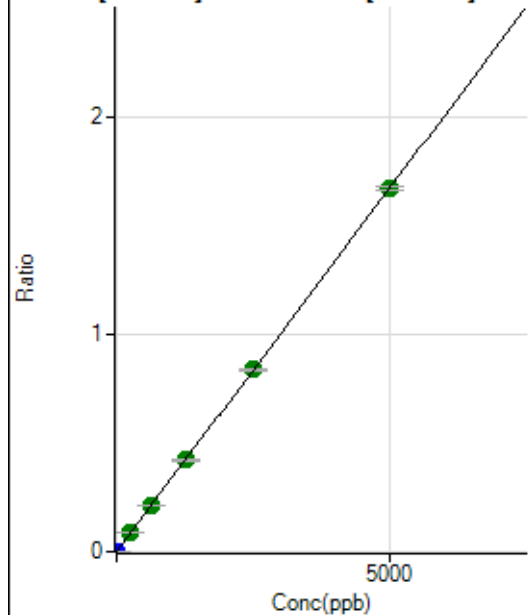
DL = 0.006518

BEC = 0.06458

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	338.90	0.0000	P	6.9
2	☐	10.000	10.756	75685.51	0.0036	P	1.4
3	☐	250.000	257.171	1829544.00	0.0862	A	1.1
4	☐	625.000	640.558	4525920.42	0.2146	A	2.3
5	☐	1250.000	1263.268	8892373.48	0.4233	A	2.6
6	☐	2500.000	2501.767	17734934.73	0.8382	A	0.6
7	☐	5000.000	4993.495	34762336.70	1.6731	A	1.2
8	☐			13198.77	0.0007	P	2.6

$$y = 3.3505E-004 * x + 1.6387E-005$$

R = 1.0000

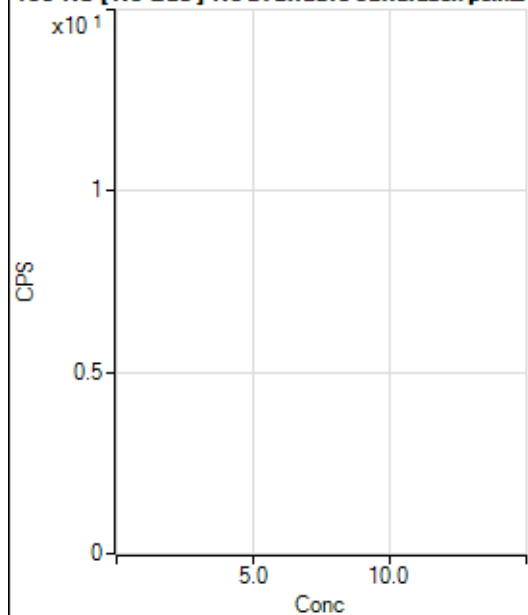
DL = 0.01019

BEC = 0.04891

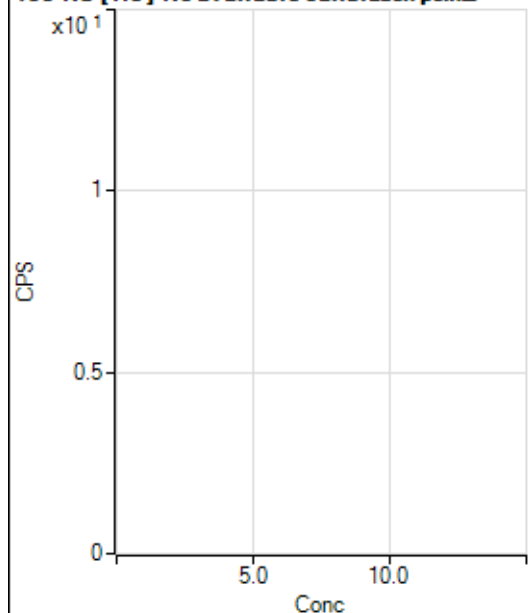
Weight: <None>

Min Conc: 0

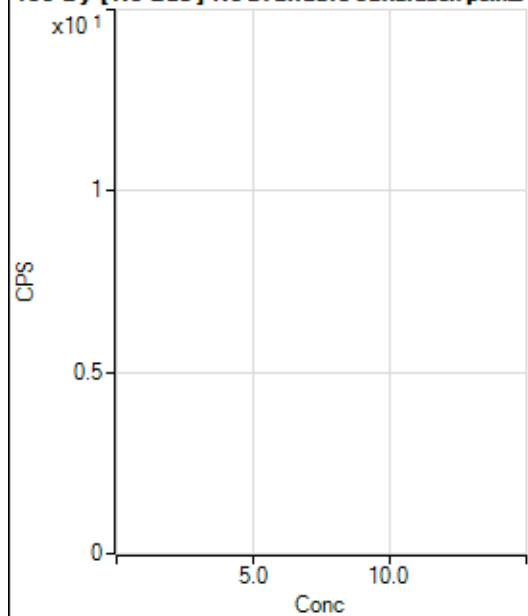
150 Nd [No Gas] No available calibration points



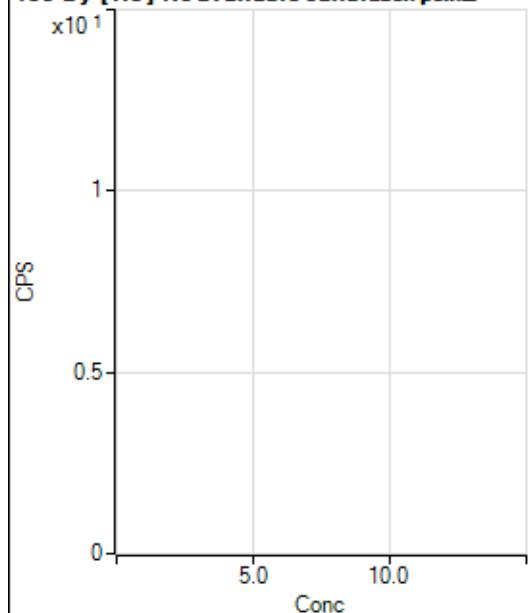
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			10.00		P	57.7
2	☐			13.33		P	50.0
3	☐			92.22		P	32.4
4	☐			184.45		P	25.6
5	☐			342.23		P	7.2
6	☐			650.02		P	7.2
7	☐			1277.85		P	6.8
8	☐			373.35		P	4.1

150 Nd [He] No available calibration points

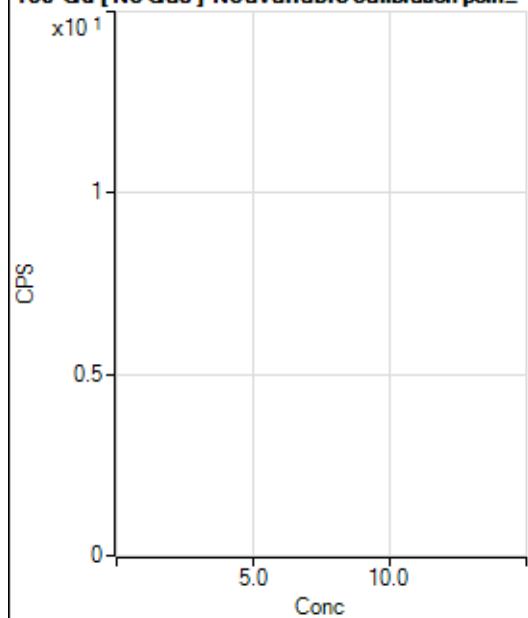
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.2
2	☐			3.33		P	100.1
3	☐			3.33		P	100.1
4	☐			3.33		P	173.2
5	☐			12.22		P	56.8
6	☐			16.67		P	20.0
7	☐			41.11		P	32.8
8	☐			70.00		P	26.5

156 Dy [No Gas] No available calibration points

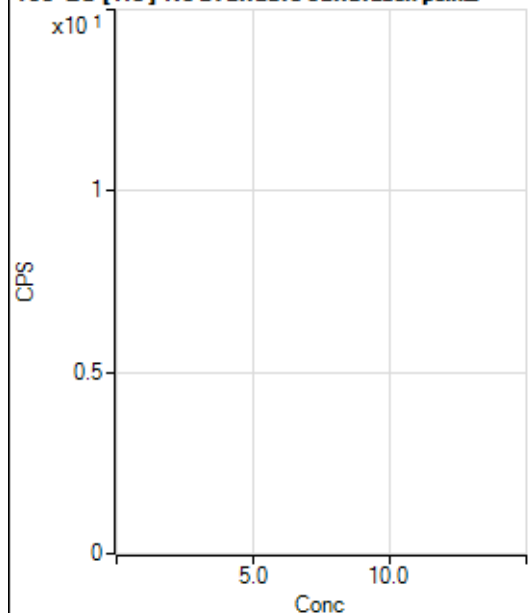
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			136.67		P	21.7
2	☐			150.00		P	9.7
3	☐			203.34		P	16.6
4	☐			267.78		P	12.0
5	☐			314.45		P	3.4
6	☐			354.45		P	6.1
7	☐			524.46		P	5.8
8	☐			696.69		P	7.8

156 Dy [He] No available calibration points

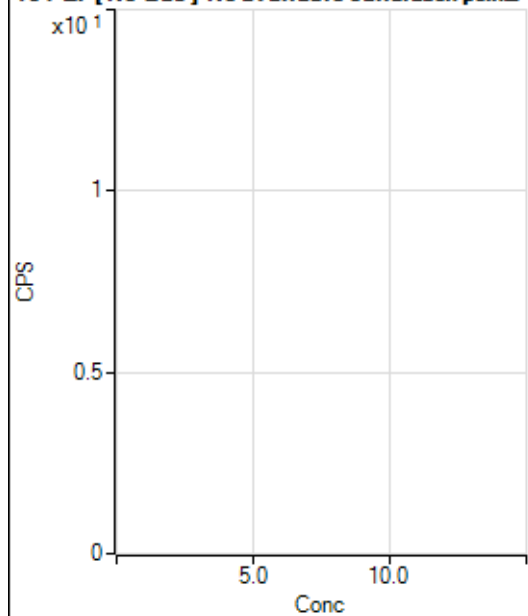
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	100.1
2	☐			12.22		P	31.5
3	☐			11.11		P	96.4
4	☐			8.89		P	94.4
5	☐			23.33		P	49.5
6	☐			27.78		P	18.3
7	☐			44.44		P	18.9
8	☐			196.67		P	10.6

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

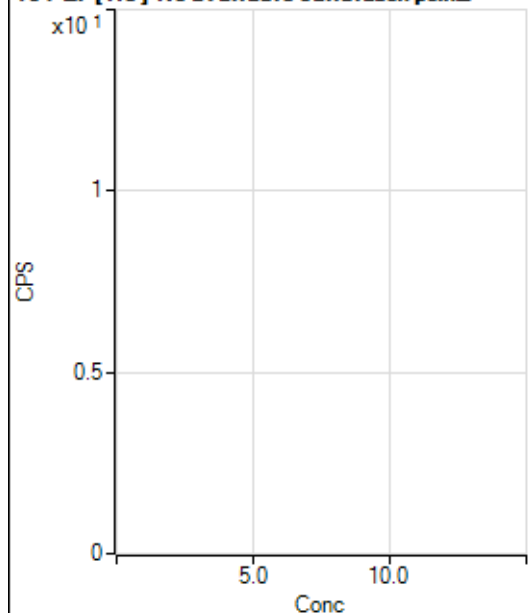
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			135.56		P	14.8
2	☐			131.12		P	8.2
3	☐			123.34		P	27.0
4	☐			145.56		P	16.6
5	☐			165.56		P	15.1
6	☐			203.34		P	12.8
7	☐			245.56		P	5.7
8	☐			626.69		P	4.5

160 Gd [He] No available calibration points

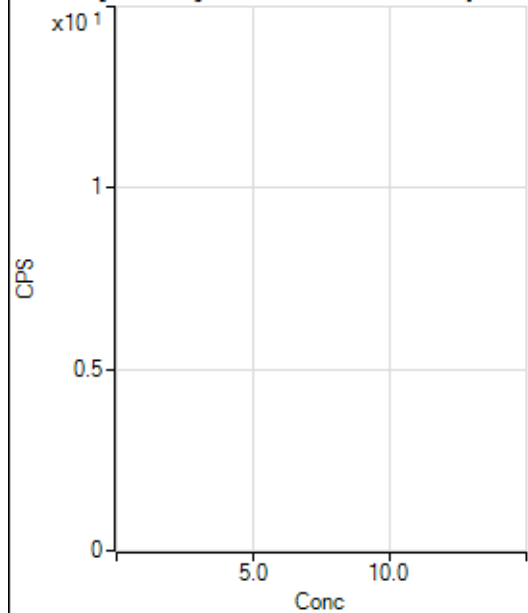
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			25.56		P	49.4
2	☐			18.89		P	27.0
3	☐			16.67		P	20.0
4	☐			28.89		P	37.1
5	☐			37.78		P	35.7
6	☐			54.44		P	9.4
7	☐			70.00		P	40.7
8	☐			233.34		P	8.0

164 Er [No Gas] No available calibration points

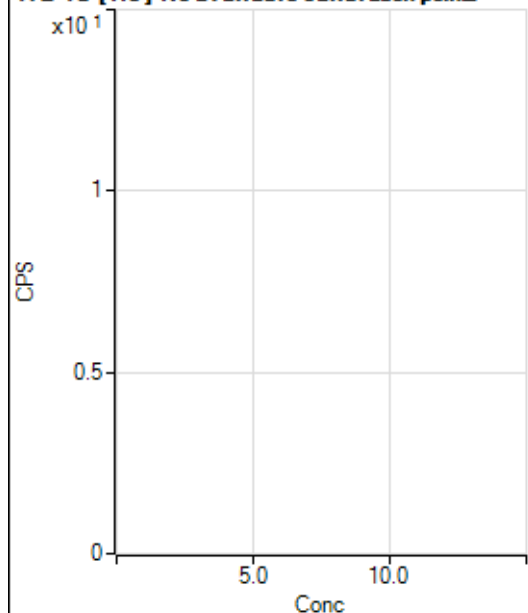
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			122.22		P	20.7
2	☐			86.67		P	24.0
3	☐			143.34		P	15.2
4	☐			140.00		P	8.6
5	☐			138.89		P	6.9
6	☐			182.22		P	11.2
7	☐			271.12		P	6.2
8	☐			733.36		P	6.1

164 Er [He] No available calibration points

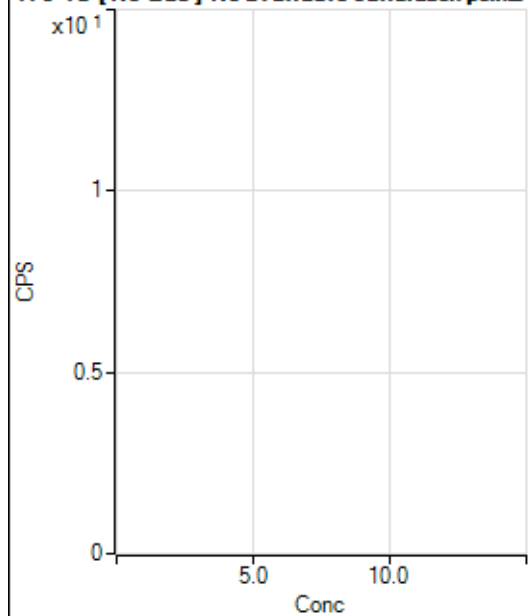
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			32.22		P	21.5
2	☐			26.67		P	37.5
3	☐			41.11		P	18.7
4	☐			46.67		P	28.6
5	☐			54.45		P	19.7
6	☐			55.55		P	12.5
7	☐			97.78		P	20.5
8	☐			225.56		P	14.6

172 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			125.56		P	8.1
2	☐			128.89		P	9.1
3	☐			103.33		P	8.5
4	☐			144.45		P	25.5
5	☐			148.89		P	7.2
6	☐			230.01		P	12.9
7	☐			313.34		P	15.1
8	☐			862.26		P	7.6

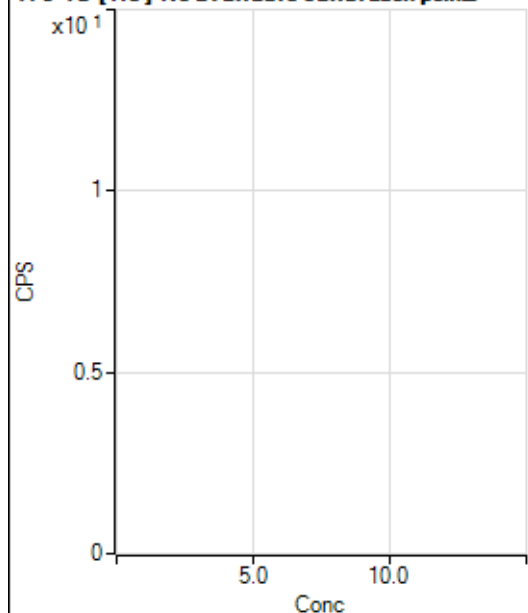
172 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			34.44		P	47.7
2	☐			40.00		P	30.0
3	☐			47.78		P	14.5
4	☐			54.44		P	9.4
5	☐			75.55		P	22.2
6	☐			58.89		P	18.2
7	☐			127.78		P	6.6
8	☐			332.23		P	11.2

176 Yb [No Gas] No available calibration points

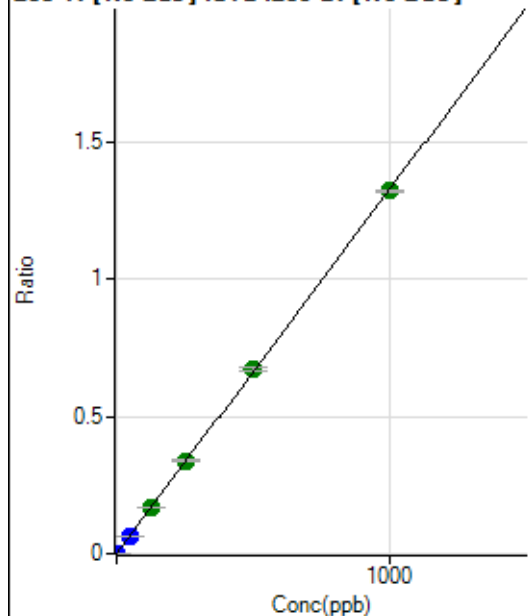
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2189.10		P	15.6
2	☐			2255.77		P	4.4
3	☐			6351.59		P	1.6
4	☐			12213.51		P	1.8
5	☐			22188.75		P	1.4
6	☐			41934.12		P	2.2
7	☐			81353.87		P	0.6
8	☐			2636.96		P	2.1

176 Yb [He] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			372.23		P	8.5
2	☐			364.45		P	9.8
3	☐			1597.89		P	4.4
4	☐			3502.72		P	0.7
5	☐			6598.38		P	1.5
6	☐			13139.95		P	1.5
7	☐			25828.58		P	0.3
8	☐			527.79		P	6.0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	378.90	0.0000	P	9.1
2	☐	1.000	1.022	18387.57	0.0014	P	2.3
3	☐	50.000	49.097	870915.41	0.0652	P	1.3
4	☐	125.000	125.576	2198868.73	0.1667	A	1.2
5	☐	250.000	253.695	4390439.31	0.3368	A	2.2
6	☐	500.000	505.342	8583471.26	0.6708	A	1.7
7	☐	1000.000	996.378	16498236.97	1.3225	A	0.8
8	☐			1481.21	0.0001	P	6.1

$$y = 0.0013 * x + 2.8773E-005$$

$$R = 1.0000$$

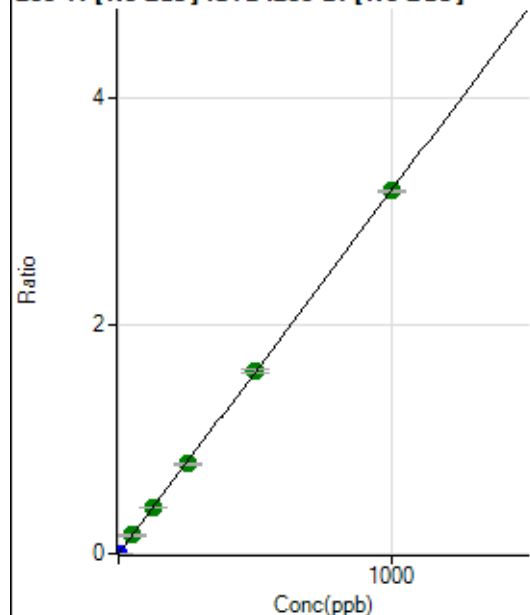
$$DL = 0.005924$$

$$BEC = 0.02168$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	924.49	0.0001	P	6.8
2	☐	1.000	1.029	44425.90	0.0033	P	0.8
3	☐	50.000	50.454	2146047.26	0.1607	A	1.4
4	☐	125.000	125.413	5266100.86	0.3992	A	0.2
5	☐	250.000	246.593	10233455.05	0.7849	A	2.0
6	☐	500.000	504.412	20543266.50	1.6055	A	2.2
7	☐	1000.000	998.572	39649768.30	3.1782	A	0.7
8	☐			3630.55	0.0003	P	12.2

$$y = 0.0032 * x + 7.0190E-005$$

$$R = 1.0000$$

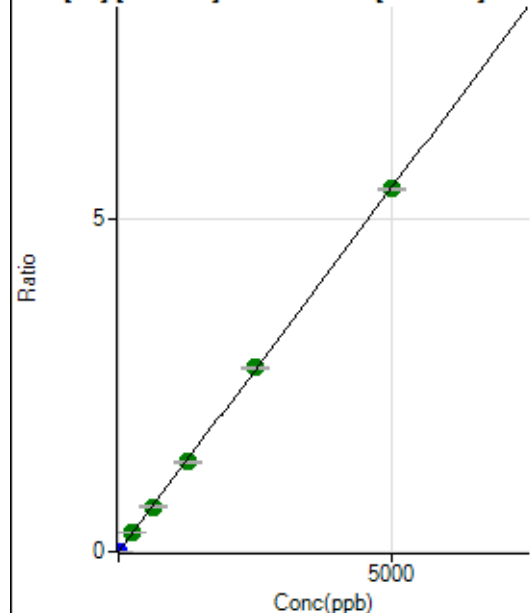
$$DL = 0.004501$$

$$BEC = 0.02205$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	2149.09	0.0002	P	4.1
2	☐	1.000	0.992	16577.36	0.0012	P	1.5
3	☐	250.000	256.478	3751403.03	0.2808	A	1.3
4	☐	625.000	619.413	8942510.35	0.6780	A	1.1
5	☐	1250.000	1241.290	17711257.79	1.3585	A	2.0
6	☐	2500.000	2531.068	35444687.25	2.7698	A	1.3
7	☐	5000.000	4987.018	68080247.88	5.4573	A	0.6
8	☐			14608.32	0.0013	P	2.0

$$y = 0.0011 * x + 1.6316E-004$$

$$R = 1.0000$$

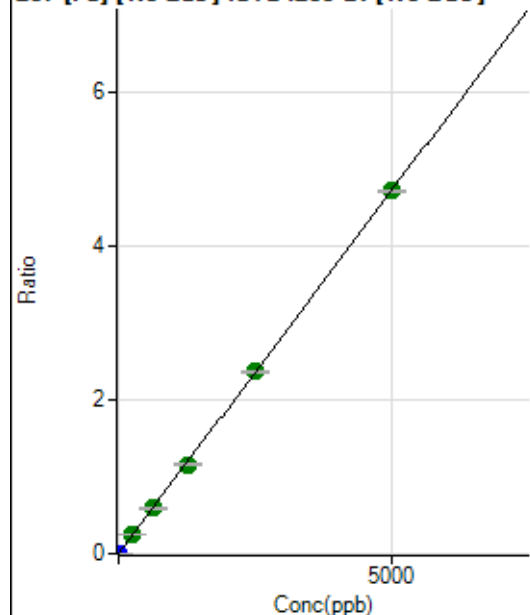
$$DL = 0.01856$$

$$BEC = 0.1491$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1734.58	0.0001	P	4.7
2	☐	1.000	0.989	14113.35	0.0011	P	0.5
3	☐	250.000	253.715	3193850.86	0.2391	A	1.1
4	☐	625.000	622.848	7738943.15	0.5867	A	1.2
5	☐	1250.000	1229.328	15095505.61	1.1579	A	2.4
6	☐	2500.000	2514.433	30306275.94	2.3682	A	0.9
7	☐	5000.000	4998.034	58722289.68	4.7072	A	0.8
8	☐			12411.59	0.0011	P	4.1

$$y = 9.4178E-004 * x + 1.3168E-004$$

R = 1.0000

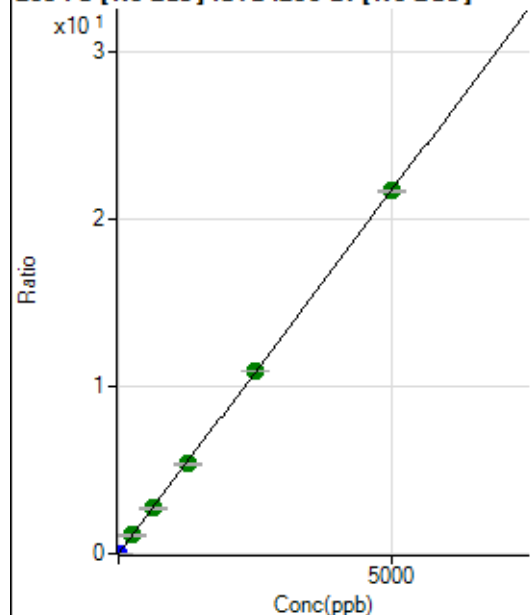
DL = 0.01967

BEC = 0.1398

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	8146.64	0.0006	P	2.5
2	☐	1.000	0.998	65729.19	0.0050	P	0.4
3	☐	250.000	252.313	14643378.98	1.0962	A	1.0
4	☐	625.000	623.682	35727693.22	2.7086	A	0.9
5	☐	1250.000	1233.854	69852444.24	5.3580	A	2.4
6	☐	2500.000	2515.575	139786392.0	10.9232	A	0.9
7	☐	5000.000	4996.298	270640306.5	21.6944	A	0.6
8	☐			57768.68	0.0053	P	3.9

$$y = 0.0043 * x + 6.1846E-004$$

R = 1.0000

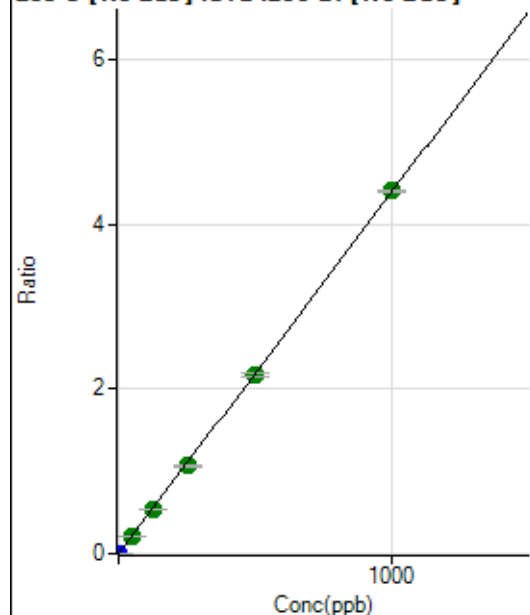
DL = 0.01061

BEC = 0.1424

Weight: <None>

Min Conc: 0

238 U [No Gas] ISTD :209 Bi [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	164.45	0.0000	P	24.8
2	☐	1.000	0.965	56322.17	0.0042	P	0.7
3	☐	50.000	49.554	2901633.08	0.2172	A	0.7
4	☐	125.000	122.784	7098609.54	0.5382	A	1.2
5	☐	250.000	242.499	13858141.04	1.0629	A	2.0
6	☐	500.000	495.160	27770835.42	2.1703	A	2.0
7	☐	1000.000	1004.594	54930364.18	4.4031	A	0.7
8	☐			2419.15	0.0002	P	9.0

$$y = 0.0044 * x + 1.2491E-005$$

$$R = 1.0000$$

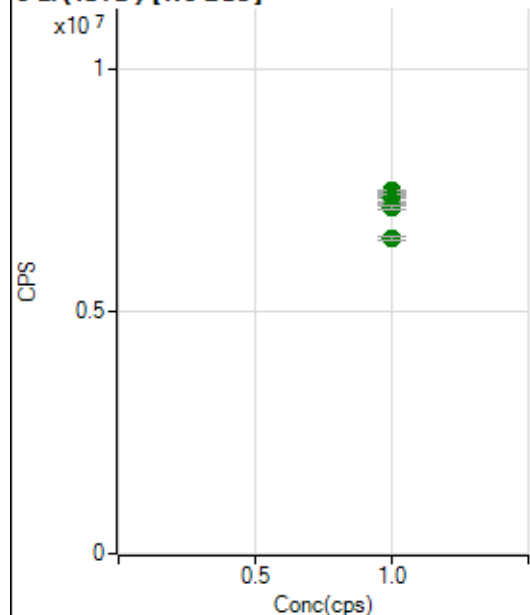
$$DL = 0.002124$$

$$BEC = 0.00285$$

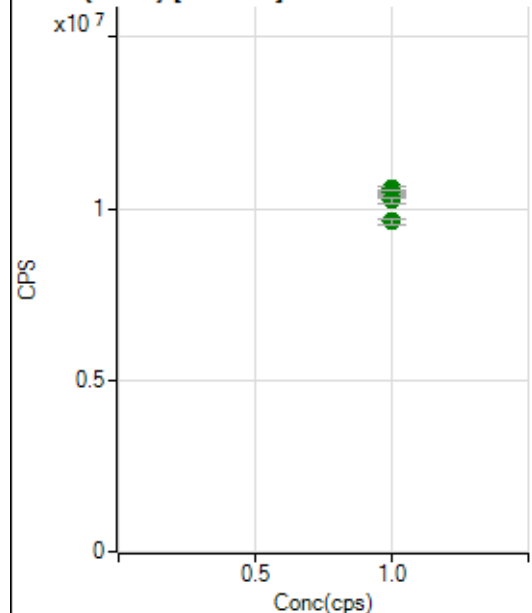
Weight: <None>

Min Conc: 0

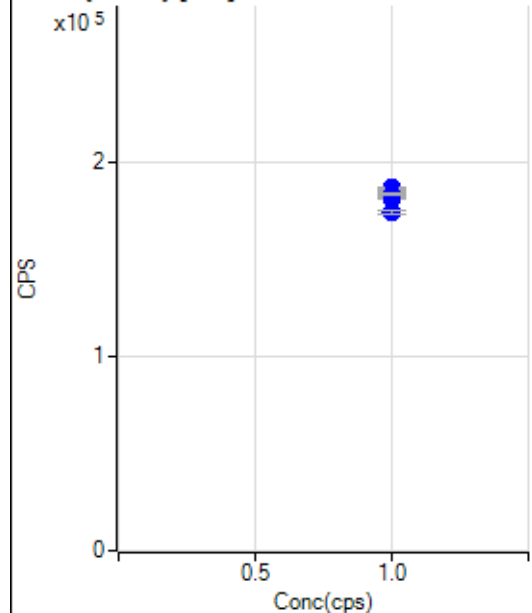
6 Li (ISTD) [No Gas]



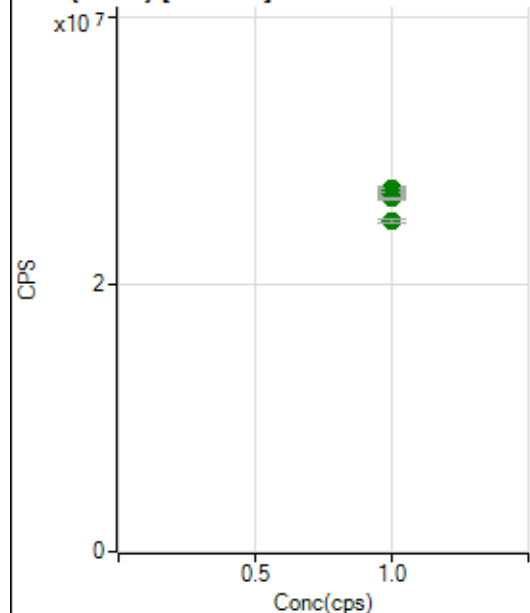
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7423441.25		A	1.3
2	☐	1.000		7477615.36		A	0.8
3	☐	1.000		7413901.76		A	2.1
4	☐	1.000		7417953.29		A	1.7
5	☐	1.000		7331348.65		A	2.1
6	☐	1.000		7234025.45		A	1.0
7	☐	1.000		7122742.22		A	1.2
8	☐	1.000		6504285.31		A	1.5

45 Sc (ISTD) [No Gas]

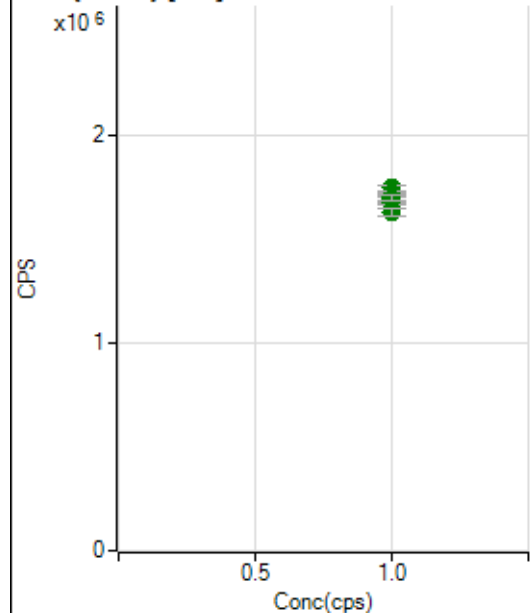
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		10464420.81		A	0.7
2	☐	1.000		10402583.87		A	0.4
3	☐	1.000		10570873.94		A	1.1
4	☐	1.000		10458657.14		A	0.4
5	☐	1.000		10482539.64		A	1.2
6	☐	1.000		10267841.31		A	2.0
7	☐	1.000		10226560.54		A	1.4
8	☐	1.000		9618838.75		A	1.5

45 Sc (ISTD) [He]

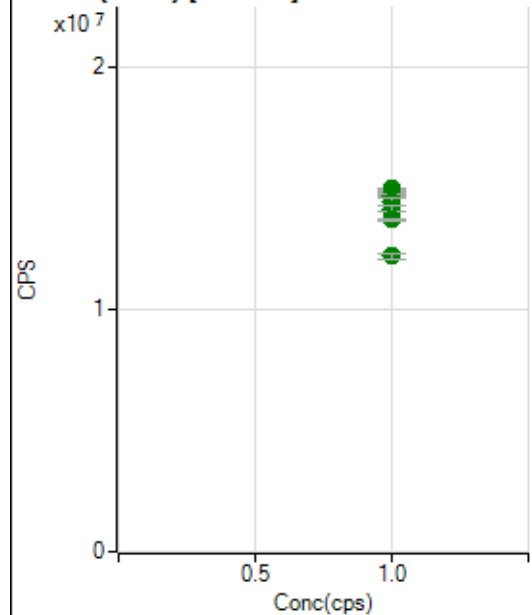
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		184856.14		P	1.5
2	☐	1.000		187166.28		P	0.8
3	☐	1.000		183381.76		P	0.5
4	☐	1.000		184827.42		P	0.7
5	☐	1.000		184491.19		P	2.0
6	☐	1.000		182010.14		P	0.7
7	☐	1.000		183845.21		P	0.3
8	☐	1.000		174968.61		P	1.1

89 Y (ISTD) [No Gas]

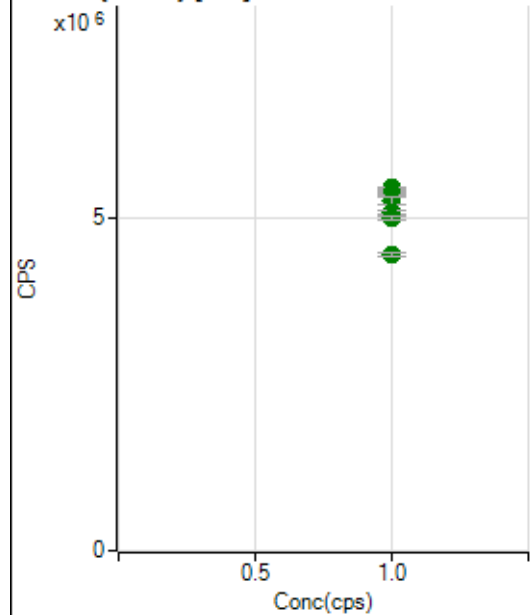
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		27049771.54		A	0.2
2	☐	1.000		26941753.77		A	0.9
3	☐	1.000		27185464.87		A	1.4
4	☐	1.000		27118289.32		A	0.8
5	☐	1.000		26909883.49		A	2.1
6	☐	1.000		26830286.27		A	1.1
7	☐	1.000		26462815.44		A	0.9
8	☐	1.000		24838338.52		A	1.1

89 Y (ISTD) [He]

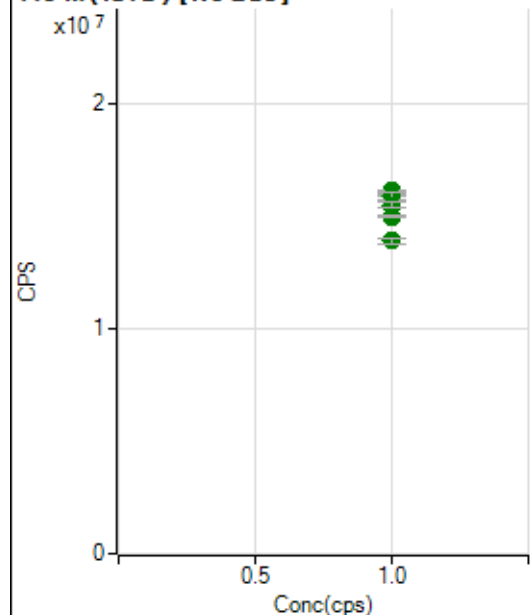
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1714175.79		A	0.8
2	☐	1.000		1742951.64		A	1.3
3	☐	1.000		1708394.14		A	1.4
4	☐	1.000		1715072.35		A	0.6
5	☐	1.000		1698412.36		A	3.4
6	☐	1.000		1670128.03		A	0.9
7	☐	1.000		1695056.34		A	1.4
8	☐	1.000		1624114.92		A	2.4

103 Rh (ISTD) [No Gas]

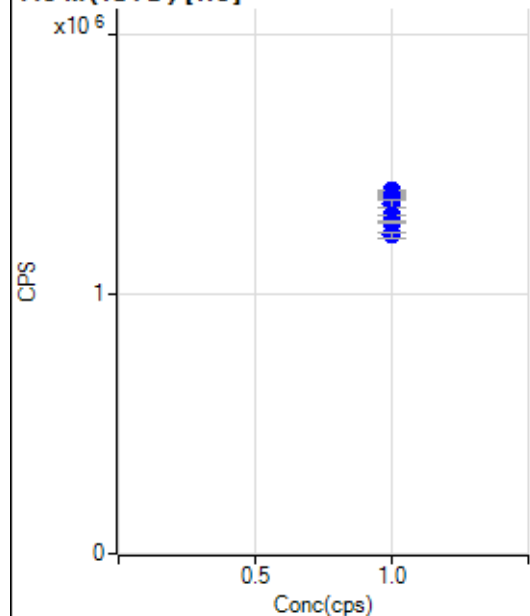
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		14734637.00		A	1.2
2	☐	1.000		14971739.50		A	0.3
3	☐	1.000		14808382.14		A	0.8
4	☐	1.000		14683971.45		A	1.1
5	☐	1.000		14422062.98		A	2.0
6	☐	1.000		14146720.90		A	2.0
7	☐	1.000		13695039.24		A	0.9
8	☐	1.000		12196135.93		A	1.7

103 Rh (ISTD) [He]

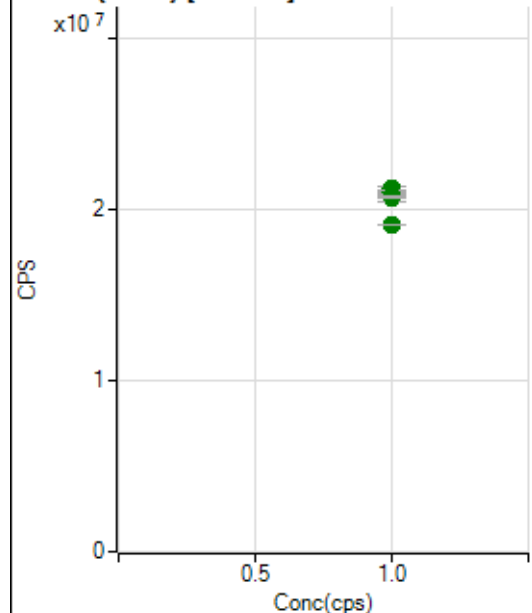
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5414031.86		A	0.9
2	☐	1.000		5440344.36		A	0.7
3	☐	1.000		5350975.03		A	0.6
4	☐	1.000		5313886.52		A	0.6
5	☐	1.000		5250853.19		A	2.2
6	☐	1.000		5075515.90		A	1.1
7	☐	1.000		4980942.39		A	1.3
8	☐	1.000		4445461.63		A	1.1

115 In (ISTD) [No Gas]

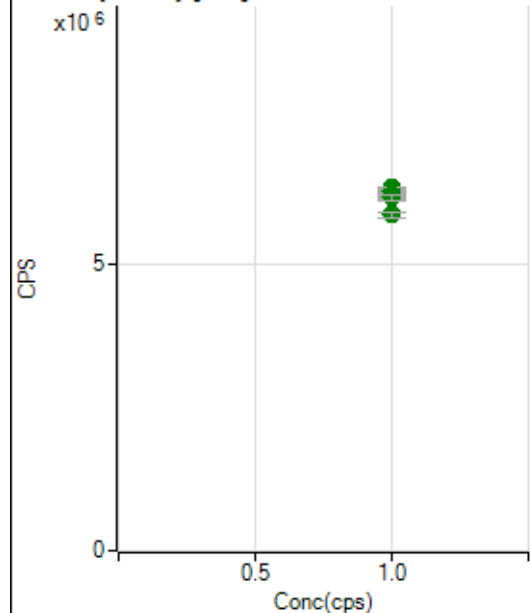
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		16037263.07		A	0.3
2	☐	1.000		16147299.06		A	0.7
3	☐	1.000		16138883.73		A	0.9
4	☐	1.000		15937920.51		A	0.7
5	☐	1.000		15889066.42		A	2.1
6	☐	1.000		15514528.60		A	1.8
7	☐	1.000		15001307.48		A	0.6
8	☐	1.000		13929933.79		A	1.6

115 In (ISTD) [He]

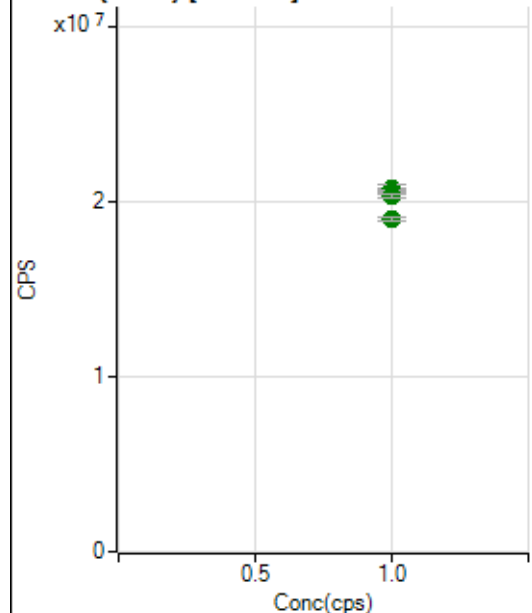
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1386412.82		P	0.3
2	☐	1.000		1398261.54		P	0.7
3	☐	1.000		1375348.97		P	0.6
4	☐	1.000		1365568.58		P	0.2
5	☐	1.000		1349042.93		P	2.7
6	☐	1.000		1306108.62		P	0.3
7	☐	1.000		1276745.53		P	0.4
8	☐	1.000		1227208.67		P	1.8

159 Tb (ISTD) [No Gas]

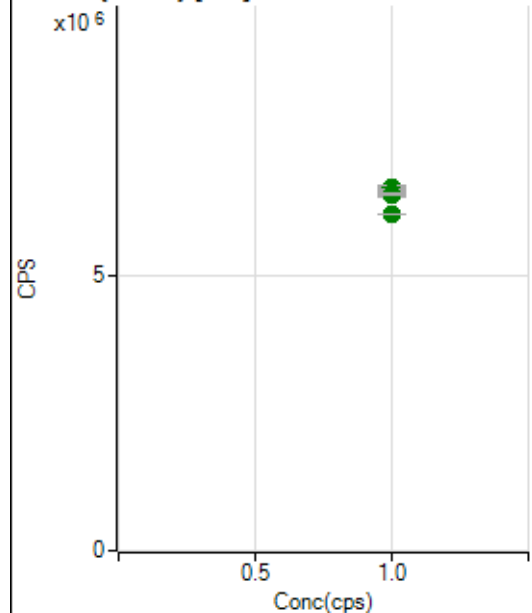
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		20667778.17		A	1.4
2	☐	1.000		20907060.52		A	0.7
3	☐	1.000		21230676.63		A	1.1
4	☐	1.000		21088796.21		A	0.8
5	☐	1.000		21014332.47		A	1.6
6	☐	1.000		21157596.76		A	0.1
7	☐	1.000		20778610.11		A	0.7
8	☐	1.000		19114230.83		A	0.1

159 Tb (ISTD) [He]

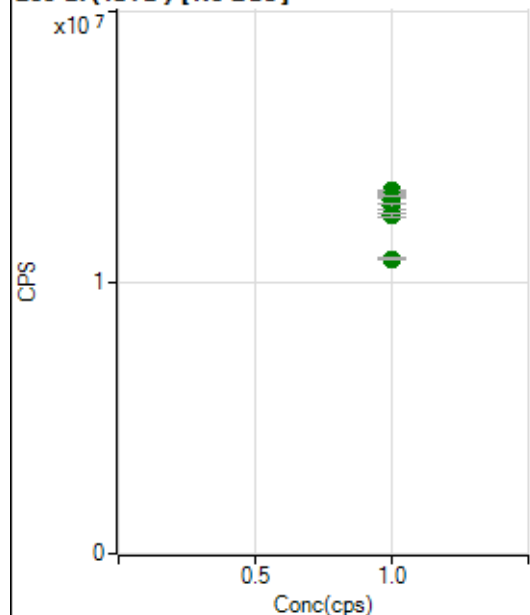
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6324544.28		A	0.3
2	☐	1.000		6272043.17		A	0.5
3	☐	1.000		6237170.18		A	0.4
4	☐	1.000		6241130.19		A	1.0
5	☐	1.000		6254895.67		A	2.9
6	☐	1.000		6191560.88		A	1.3
7	☐	1.000		6151420.25		A	1.3
8	☐	1.000		5858378.73		A	1.8

165 Ho (ISTD) [No Gas]

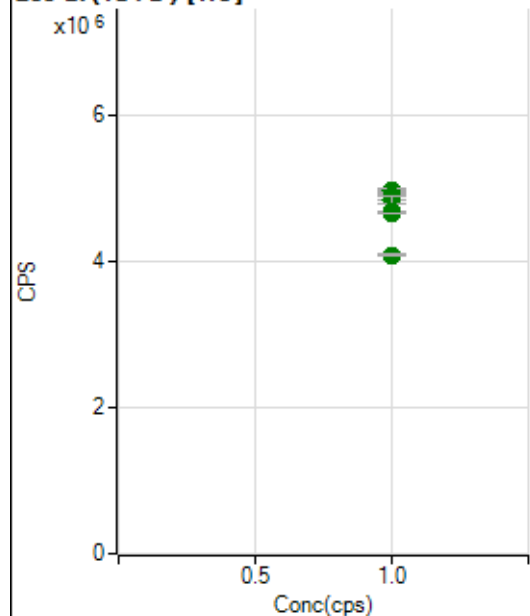
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		20556050.94		A	0.9
2	☐	1.000		20696992.19		A	0.3
3	☐	1.000		20675908.02		A	0.6
4	☐	1.000		20629429.42		A	0.3
5	☐	1.000		20735622.33		A	2.2
6	☐	1.000		20600766.22		A	0.7
7	☐	1.000		20305066.09		A	0.9
8	☐	1.000		19042269.30		A	1.0

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6514911.64		A	1.0
2	☐	1.000		6552088.93		A	0.9
3	☐	1.000		6532102.61		A	0.7
4	☐	1.000		6576114.35		A	0.9
5	☐	1.000		6475222.33		A	2.1
6	☐	1.000		6457489.56		A	0.4
7	☐	1.000		6449639.21		A	0.6
8	☐	1.000		6103709.08		A	0.4

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		13173314.94		A	0.7
2	☐	1.000		13274347.72		A	0.5
3	☐	1.000		13358852.16		A	0.3
4	☐	1.000		13190892.16		A	0.7
5	☐	1.000		13041023.84		A	1.9
6	☐	1.000		12798423.28		A	1.5
7	☐	1.000		12475585.37		A	0.9
8	☐	1.000		10847304.42		A	0.4

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4950087.91		A	0.8
2	☐	1.000		4968419.44		A	1.2
3	☐	1.000		4901413.89		A	0.1
4	☐	1.000		4844027.50		A	0.5
5	☐	1.000		4848751.70		A	2.1
6	☐	1.000		4674437.26		A	1.0
7	☐	1.000		4658149.07		A	0.4
8	☐	1.000		4090868.55		A	1.0

US EPA Tune Check Report

Operator Name Jaswal
Acq/Data Batch D:\Agilent\ICPMH\1\DATA\IP8021125 MS.b
Acq. Date-Time 2025-02-11 11:22:52
Report Comment ---
Instrument Name G8403A SG19224459

[No Gas]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
9		33681	336808.90			0.576	5.000
24		317868	3178681.60			0.536	5.000
25		42868	428682.00			0.422	5.000
26		47889	478886.16			0.369	5.000
59		185789	1857886.03			0.885	5.000
113		22196	221964.29			0.425	5.000
115		292044	2920437.87			0.944	5.000
206		71039	710393.19			0.629	5.000
207		61658	616576.70			0.147	5.000
208		151245	1512454.00			1.139	5.000
220		1	5.60			27.808	

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

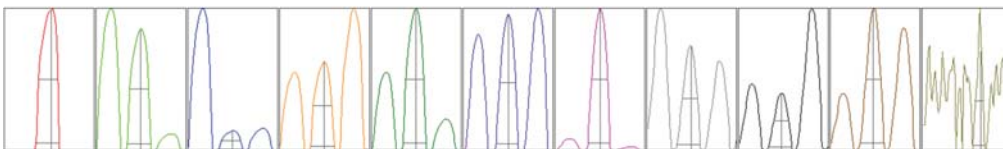
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	33985	33739	33573	33481	33626
24	319455	319239	318551	315819	316277
25	43132	42889	42923	42709	42689
26	48036	47949	48043	47636	47779
59	186794	183813	187922	184624	185790
113	22279	22315	22152	22100	22137
115	296208	290284	292469	292333	288926
206	71568	71184	71292	70628	70524
207	61722	61735	61715	61554	61563
208	152775	151737	150449	148645	152622

US EPA Tune Check Report

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

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	56451.76	9.10	8.90 - 9.10	
24	540315.86	24.00	23.90 - 24.10	
25	72844.30	25.00	24.90 - 25.10	
26	82942.97	26.00	25.90 - 26.10	
59	334772.90	59.00	58.90 - 59.10	
113	43756.33	113.05	112.90 - 113.10	
115	573082.19	115.05	114.90 - 115.10	
206	141412.16	206.00	205.90 - 206.10	
207	122171.00	206.95	206.90 - 207.10	
208	302103.53	207.95	207.90 - 208.10	
220	0.80	220.50	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.63	0.777	0.900	
24	0.63	0.787	0.900	
25	0.63	0.792	0.900	
26	0.62	0.788	0.900	
59	0.59	0.779	0.900	
113	0.52	0.733	0.900	
115	0.53	0.734	0.900	
206	0.50	0.778	0.900	
207	0.50	0.784	0.900	
208	0.50	0.791	0.900	
220	0.27	0.388		

Integration Time [sec] 0.1

Acquisition Time [sec] 256.770000000002

Y Axis Linear

Tune Parameters

Plasma Parameters

Plasma Mode --- Nebulizer Gas 0.72 L/min Dilution Gas 0.40 L/min

US EPA Tune Check Report

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	-6.0 V	Omega Lens	8.6 V	Deflect	14.2 V
Extract 2	-210.0 V	Cell Entrance	-30 V	Plate Bias	-50 V
Omega Bias	-95 V	Cell Exit	-50 V		

Cell Parameters

Use Gas	No	3rd Gas Flow	---	Energy Discrimination	4.0 V
He Flow	0.0 mL/min	OctP Bias	-8.0 V		
H2 Flow	---	OctP RF	170 V		

QP Parameters

Mass Gain	103	Axis Gain	0.9959	QP Bias	-4.0 V
Mass Offset	125	Axis Offset	0.05		

Hardware Settings

Torch

Torch H	-0.2 mm	Torch V	1.5 mm
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EM

Discriminator	4.0 mV	Analog HV	2179 V	Pulse HV	1089 V
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[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		32890	328904.85			0.370	
89		31748	317475.54			0.361	
205		36794	367944.69			0.422	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	32961	32954	32822	33005	32711
89	31847	31724	31819	31788	31559
205	36762	36981	36899	36755	36575

Integration Time [sec] 0.1

Tune Parameters

Plasma Parameters

Plasma Mode	---	Nebulizer Gas	0.72 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	-6.0 V	Omega Lens	8.6 V	Deflect	3.4 V
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US EPA Tune Check Report

Extract 2	-210.0 V	Cell Entrance	-50 V	Plate Bias	-60 V
Omega Bias	-95 V	Cell Exit	-70 V		
Cell Parameters					
Use Gas	Yes	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	4.5 mL/min	OctP Bias	-18.0 V		
H2 Flow	---	OctP RF	200 V		
QP Parameters					
Mass Gain	103	Axis Gain	0.9959	QP Bias	-13.0 V
Mass Offset	125	Axis Offset	0.05		
Hardware Settings					
Torch					
Torch H	-0.2 mm	Torch V	1.5 mm		
EM					
Discriminator	4.0 mV	Analog HV	2179 V	Pulse HV	1089 V

LB Number :
Lab Sample ID :
Client Sample ID :
Date & Time Acquired :

LB134674
S00
S0
2025-02-11 12:05:13

Operator :
Instrumnet Name :
Dilution Factor :
DataFile Name :

Jaswal
P8
1
004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.14	0.23	-0.08	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.02	-0.04	0.02	0.00	N/A	ppb
Barium	135-1	0.00	0.00	0.00	0.00	N/A	ppb
Barium	137-1	0.00	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Cadmium	108-1	-0.02	-0.01	0.03	0.00	N/A	ppb
Cadmium	106-1	0.12	-0.12	0.00	0.00	N/A	ppb
Cadmium	111-1	0.01	-0.01	0.00	0.00	N/A	ppb
Calcium	43-1	0.00	-0.68	0.67	0.00	N/A	ppb
Calcium	44-1	0.40	-0.35	-0.06	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	-0.01	0.02	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.03	0.00	-0.03	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	54-2	0.18	0.30	-0.48	0.00	N/A	ppb
Iron	56-2	-0.04	0.03	0.02	0.00	N/A	ppb
Iron	57-2	-0.11	-0.17	0.28	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.00	0.01	0.00	N/A	ppb

LB Number :	LB134674	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2025-02-11 12:05:13	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
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	0.11	-0.84	0.73	0.00	N/A	ppb
Manganese	55-2	-0.02	0.00	0.02	0.00	N/A	ppb
Molybdenum	94-1	0.01	0.00	-0.01	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	0.00	0.00	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	0.00	0.02	-0.02	0.00	N/A	ppb
Phosphorus	31-2	-17.01	-7.69	-9.67	-11.46		ppb
Potassium	39-2	1.78	-0.99	-0.80	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	-0.17	0.02	0.14	0.00	N/A	ppb
Selenium	77-2	-0.31	0.62	-0.31	0.00	N/A	ppb
Selenium	78-2	0.00	-0.27	0.27	0.00	N/A	ppb
Silicon	28-1	-0.05	-0.21	0.26	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	1.79	0.33	-2.12	0.00	N/A	ppb
Strontium	86-1	-0.01	0.01	0.00	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-105.34	-141.26	-119.61	-122.07		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	0.00	0.00	0.00	0.00	N/A	ppb
Titanium	47-1	0.00	-0.04	0.04	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb

3

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : S02 Instrumnet Name : P8
Client Sample ID : S02 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 12:08:35 DataFile Name : 005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.64	19.93	18.09	18.89	5.00	ppb
Antimony	121-1	2.17	2.14	2.19	2.17	1.14	ppb
Arsenic	75-2	0.98	1.11	1.02	1.03	6.60	ppb
Barium	135-1	10.54	10.63	10.85	10.67	1.48	ppb
Barium	137-1	10.83	10.59	10.85	10.76	1.37	ppb
Beryllium	9-1	1.09	1.06	1.07	1.07	1.22	ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Cadmium	108-1	1.01	1.14	1.06	1.07	6.11	ppb
Cadmium	106-1	0.96	-0.37	0.84	0.47	154.54	ppb
Cadmium	111-1	1.12	1.02	1.13	1.09	5.37	ppb
Calcium	43-1	551.26	561.62	558.94	557.27	0.96	ppb
Calcium	44-1	546.24	556.45	548.15	550.28	0.99	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.08	2.10	2.04	2.07	1.49	ppb
Cobalt	59-2	1.12	1.12	1.16	1.14	2.10	ppb
Copper	63-2	2.23	2.24	2.29	2.25	1.45	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				101		%
Indium	115-2				101		%
Iron	54-2	56.02	57.30	56.90	56.74	1.16	ppb
Iron	56-2	55.85	55.21	55.19	55.42	0.68	ppb
Iron	57-2	55.31	56.12	53.32	54.91	2.62	ppb
Krypton	83-1						cps
Lead	206-1	0.97	1.00	1.00	0.99	1.70	ppb

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : S02 Instrumnet Name : P8
Client Sample ID : S02 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 12:08:35 DataFile Name : 005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.98	0.99	0.99	0.99	0.55	ppb
Lead	208-1	0.99	1.00	1.00	1.00	0.42	ppb
Lithium	6-1				101		%
Magnesium	24-2	534.80	533.80	538.70	535.77	0.48	ppb
Manganese	55-2	1.07	1.00	1.05	1.04	3.70	ppb
Molybdenum	94-1	6.24	6.28	6.16	6.23	0.96	ppb
Molybdenum	95-1	5.20	5.16	5.14	5.17	0.64	ppb
Molybdenum	96-1	5.31	5.40	5.25	5.32	1.39	ppb
Molybdenum	97-1	5.31	5.25	5.27	5.28	0.59	ppb
Molybdenum	98-1	5.16	5.21	5.16	5.18	0.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.06	1.10	1.10	1.09	2.20	ppb
Phosphorus	31-2	5.65	6.05	22.68	11.46	84.83	ppb
Potassium	39-2	515.69	505.55	514.61	511.95	1.09	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				99		%
Scandium	45-2				101		%
Selenium	82-1	5.95	5.86	5.26	5.69	6.55	ppb
Selenium	77-2	6.10	3.39	5.09	4.86	28.26	ppb
Selenium	78-2	4.02	5.68	6.05	5.25	20.61	ppb
Silicon	28-1	6.57	6.39	6.16	6.38	3.21	ppb
Silver	107-1	1.03	1.05	1.07	1.05	1.92	ppb
Silver	109-1	1.06	1.05	1.09	1.07	1.91	ppb
Sodium	23-2	545.49	534.97	545.32	541.93	1.11	ppb
Strontium	86-1	1.07	1.03	1.02	1.04	2.69	ppb
Strontium	88-1	1.06	1.05	1.05	1.05	0.59	ppb
Sulfur	34-1	110.19	141.26	114.77	122.07	13.74	ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	1.02	1.04	1.00	1.02	2.36	ppb
Thallium	205-1	1.02	1.04	1.03	1.03	0.78	ppb
Tin	118-1	5.37	5.38	5.47	5.41	1.03	ppb
Titanium	47-1	5.32	5.23	5.32	5.29	0.91	ppb
Uranium	238-1	0.96	0.96	0.97	0.97	0.71	ppb

LB Number :

LB134674

Operator :

Jaswal

Lab Sample ID :

S02

Instrumnet Name :

P8

Client Sample ID :

S02

Dilution Factor :

1

Date & Time Acquired :

2025-02-11 12:08:35

DataFile Name :

005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	5.34	5.20	5.32	5.29	1.41	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				102		%
Zinc	66-2	5.79	5.48	5.89	5.72	3.76	ppb
Zirconium	90-1	1.03	1.02	1.03	1.03	0.70	ppb
Zirconium	91-1	1.02	1.02	0.98	1.01	2.24	ppb

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : S03 Instrumnet Name : P8
Client Sample ID : S03 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 12:11:58 DataFile Name : 006CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1000.11	1004.42	1004.44	1002.99	0.25	ppb
Antimony	121-1	50.05	50.52	51.51	50.70	1.47	ppb
Arsenic	75-2	50.55	51.41	51.85	51.27	1.28	ppb
Barium	135-1	249.33	251.94	255.10	252.12	1.15	ppb
Barium	137-1	253.97	258.84	258.70	257.17	1.08	ppb
Beryllium	9-1	50.34	52.78	51.01	51.38	2.46	ppb
Bismuth	209-1				101		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Cadmium	108-1	51.10	53.11	53.32	52.51	2.34	ppb
Cadmium	106-1	52.75	52.71	54.41	53.29	1.81	ppb
Cadmium	111-1	51.10	52.31	52.78	52.06	1.67	ppb
Calcium	43-1	5157.25	5231.17	5324.44	5237.62	1.60	ppb
Calcium	44-1	5175.53	5200.27	5337.31	5237.70	1.66	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	50.15	50.53	50.90	50.53	0.74	ppb
Cobalt	59-2	52.32	53.14	52.76	52.74	0.78	ppb
Copper	63-2	543.79	553.81	552.39	550.00	0.99	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				101		%
Indium	115-2				99		%
Iron	54-2	2686.28	2687.32	2715.83	2696.48	0.62	ppb
Iron	56-2	2668.67	2710.60	2683.97	2687.74	0.79	ppb
Iron	57-2	2640.37	2665.37	2654.10	2653.28	0.47	ppb
Krypton	83-1						cps
Lead	206-1	252.95	259.35	257.13	256.48	1.27	ppb

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : S03 Instrumnet Name : P8
Client Sample ID : S03 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 12:11:58 DataFile Name : 006CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	255.35	255.37	250.43	253.71	1.12	ppb
Lead	208-1	249.78	254.64	252.51	252.31	0.96	ppb
Lithium	6-1				100		%
Magnesium	24-2	5263.02	5363.97	5411.07	5346.02	1.41	ppb
Manganese	55-2	511.92	514.75	516.49	514.38	0.45	ppb
Molybdenum	94-1	490.82	518.46	503.81	504.36	2.74	ppb
Molybdenum	95-1	497.38	510.59	500.51	502.82	1.37	ppb
Molybdenum	96-1	498.69	508.80	511.03	506.17	1.30	ppb
Molybdenum	97-1	500.99	517.68	513.70	510.79	1.71	ppb
Molybdenum	98-1	490.85	507.33	509.14	502.44	2.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	51.99	52.78	52.47	52.41	0.76	ppb
Phosphorus	31-2	924.57	1041.83	982.10	982.83	5.97	ppb
Potassium	39-2	2492.98	2521.59	2533.38	2515.99	0.83	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				101		%
Scandium	45-2				99		%
Selenium	82-1	49.15	52.40	52.51	51.35	3.72	ppb
Selenium	77-2	48.28	57.51	53.46	53.08	8.71	ppb
Selenium	78-2	52.26	57.78	51.38	53.81	6.44	ppb
Silicon	28-1	50.54	50.81	51.89	51.08	1.40	ppb
Silver	107-1	51.25	52.03	52.75	52.01	1.44	ppb
Silver	109-1	51.07	52.72	52.65	52.15	1.79	ppb
Sodium	23-2	5285.78	5437.97	5462.77	5395.51	1.78	ppb
Strontium	86-1	49.44	50.44	50.47	50.12	1.17	ppb
Strontium	88-1	50.19	51.44	51.42	51.02	1.40	ppb
Sulfur	34-1	1170.00	1116.80	1271.62	1186.14	6.63	ppb
Terbium	159-1				103		%
Terbium	159-2				99		%
Thallium	203-1	48.36	49.42	49.51	49.10	1.31	ppb
Thallium	205-1	50.09	50.02	51.25	50.45	1.37	ppb
Tin	118-1	50.13	51.51	51.82	51.15	1.76	ppb
Titanium	47-1	505.16	509.07	523.08	512.44	1.84	ppb
Uranium	238-1	49.90	49.24	49.53	49.55	0.66	ppb

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : S03 Instrumnet Name : P8
Client Sample ID : S03 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 12:11:58 DataFile Name : 006CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	50.89	51.04	50.36	50.77	0.70	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				100		%
Zinc	66-2	525.46	528.11	534.71	529.43	0.90	ppb
Zirconium	90-1	49.85	51.84	51.31	51.00	2.02	ppb
Zirconium	91-1	47.83	50.25	49.83	49.30	2.63	ppb

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : S04 Instrumnet Name : P8
Client Sample ID : S04 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 12:15:02 DataFile Name : 007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2452.01	2482.76	2445.74	2460.17	0.81	ppb
Antimony	121-1	128.58	129.34	129.06	128.99	0.30	ppb
Arsenic	75-2	125.33	125.43	125.25	125.34	0.07	ppb
Barium	135-1	641.19	649.16	660.22	650.19	1.47	ppb
Barium	137-1	626.80	656.04	638.83	640.56	2.29	ppb
Beryllium	9-1	123.17	125.60	128.38	125.72	2.07	ppb
Bismuth	209-1				100		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Cadmium	108-1	130.89	132.33	130.70	131.31	0.68	ppb
Cadmium	106-1	128.74	129.94	131.91	130.20	1.23	ppb
Cadmium	111-1	125.87	129.90	129.30	128.36	1.69	ppb
Calcium	43-1	12871.82	12875.29	13098.45	12948.52	1.00	ppb
Calcium	44-1	12892.34	12882.67	12877.75	12884.25	0.06	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	123.46	124.13	123.04	123.54	0.45	ppb
Cobalt	59-2	127.17	128.71	126.21	127.36	0.99	ppb
Copper	63-2	1313.74	1320.59	1292.85	1309.06	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				100		%
Holmium	165-2				101		%
Indium	115-1				99		%
Indium	115-2				98		%
Iron	54-2	6528.84	6646.90	6518.82	6564.85	1.09	ppb
Iron	56-2	6543.12	6597.46	6486.57	6542.38	0.85	ppb
Iron	57-2	6446.64	6535.56	6462.37	6481.52	0.73	ppb
Krypton	83-1						cps
Lead	206-1	613.17	618.22	626.85	619.41	1.12	ppb

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : S04 Instrumnet Name : P8
Client Sample ID : S04 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 12:15:02 DataFile Name : 007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	619.82	617.05	631.68	622.85	1.25	ppb
Lead	208-1	619.77	621.16	630.11	623.68	0.90	ppb
Lithium	6-1				100		%
Magnesium	24-2	12857.97	13045.94	12972.29	12958.73	0.73	ppb
Manganese	55-2	1291.88	1310.64	1264.34	1288.95	1.81	ppb
Molybdenum	94-1	1232.34	1235.58	1234.14	1234.02	0.13	ppb
Molybdenum	95-1	1243.85	1262.15	1239.62	1248.54	0.96	ppb
Molybdenum	96-1	1246.51	1254.70	1239.64	1246.95	0.60	ppb
Molybdenum	97-1	1243.74	1262.09	1234.07	1246.64	1.14	ppb
Molybdenum	98-1	1239.97	1249.14	1254.15	1247.75	0.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	126.80	128.56	126.45	127.27	0.89	ppb
Phosphorus	31-2	2503.53	2512.45	2525.00	2513.66	0.43	ppb
Potassium	39-2	6140.98	6162.98	6087.62	6130.53	0.63	ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	125.09	125.91	125.72	125.57	0.34	ppb
Selenium	77-2	129.50	127.73	134.38	130.54	2.64	ppb
Selenium	78-2	125.80	135.58	131.56	130.98	3.75	ppb
Silicon	28-1	130.02	126.49	129.88	128.80	1.55	ppb
Silver	107-1	131.64	132.04	132.67	132.12	0.40	ppb
Silver	109-1	130.81	133.38	133.16	132.45	1.07	ppb
Sodium	23-2	13002.08	13021.11	13001.39	13008.19	0.09	ppb
Strontium	86-1	121.73	124.39	124.03	123.38	1.17	ppb
Strontium	88-1	123.43	126.02	126.02	125.16	1.20	ppb
Sulfur	34-1	2686.04	3018.98	2653.91	2786.31	7.25	ppb
Terbium	159-1				102		%
Terbium	159-2				99		%
Thallium	203-1	123.82	126.09	126.81	125.58	1.24	ppb
Thallium	205-1	125.69	125.07	125.48	125.41	0.25	ppb
Tin	118-1	129.34	128.92	128.73	128.99	0.24	ppb
Titanium	47-1	1258.34	1262.23	1279.41	1266.66	0.88	ppb
Uranium	238-1	121.27	122.79	124.29	122.78	1.23	ppb

3

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : S05 Instrumnet Name : P8
Client Sample ID : S05 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 12:18:01 DataFile Name : 008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4976.89	5023.54	4827.55	4942.66	2.07	ppb
Antimony	121-1	248.56	257.69	256.15	254.13	1.92	ppb
Arsenic	75-2	253.94	265.65	243.51	254.37	4.35	ppb
Barium	135-1	1243.70	1289.50	1278.45	1270.55	1.88	ppb
Barium	137-1	1227.65	1290.54	1271.61	1263.27	2.55	ppb
Beryllium	9-1	246.82	254.51	258.76	253.37	2.39	ppb
Bismuth	209-1				99		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Cadmium	108-1	250.61	265.10	255.70	257.13	2.86	ppb
Cadmium	106-1	248.19	261.43	255.69	255.10	2.60	ppb
Cadmium	111-1	244.72	257.77	253.71	252.06	2.65	ppb
Calcium	43-1	25182.11	26272.37	26140.66	25865.05	2.30	ppb
Calcium	44-1	24569.66	25761.95	25713.26	25348.29	2.66	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	243.84	248.96	238.22	243.67	2.20	ppb
Cobalt	59-2	259.44	261.13	251.08	257.22	2.09	ppb
Copper	63-2	2591.07	2685.56	2541.84	2606.16	2.80	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				99		%
Indium	115-1				99		%
Indium	115-2				97		%
Iron	54-2	13441.49	13415.10	13010.04	13288.87	1.82	ppb
Iron	56-2	12987.00	13323.70	12647.90	12986.20	2.60	ppb
Iron	57-2	12736.75	13075.28	12563.14	12791.72	2.04	ppb
Krypton	83-1						cps
Lead	206-1	1214.61	1246.17	1263.09	1241.29	1.98	ppb

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : S05 Instrumnet Name : P8
Client Sample ID : S05 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 12:18:01 DataFile Name : 008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	1195.71	1241.10	1251.17	1229.33	2.40	ppb
Lead	208-1	1200.16	1246.56	1254.84	1233.85	2.39	ppb
Lithium	6-1				99		%
Magnesium	24-2	26315.73	26400.75	25122.30	25946.26	2.76	ppb
Manganese	55-2	2554.89	2593.99	2514.85	2554.58	1.55	ppb
Molybdenum	94-1	2415.32	2515.21	2513.45	2481.33	2.30	ppb
Molybdenum	95-1	2427.42	2527.43	2507.75	2487.54	2.13	ppb
Molybdenum	96-1	2426.05	2540.19	2521.78	2496.01	2.46	ppb
Molybdenum	97-1	2423.84	2506.70	2540.83	2490.46	2.42	ppb
Molybdenum	98-1	2419.32	2535.62	2548.04	2500.99	2.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	250.16	256.81	244.69	250.55	2.42	ppb
Phosphorus	31-2	4992.78	5158.69	4782.24	4977.90	3.79	ppb
Potassium	39-2	12508.10	12857.28	12240.38	12535.25	2.47	ppb
Rhodium	103-1				98		%
Rhodium	103-2				97		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	245.18	262.84	257.09	255.04	3.53	ppb
Selenium	77-2	278.17	287.32	227.61	264.37	12.16	ppb
Selenium	78-2	262.02	265.48	258.24	261.91	1.38	ppb
Silicon	28-1	245.83	252.27	260.94	253.01	3.00	ppb
Silver	107-1	255.07	266.16	260.96	260.73	2.13	ppb
Silver	109-1	252.96	263.78	259.59	258.78	2.11	ppb
Sodium	23-2	26488.44	26881.63	25428.29	26266.12	2.86	ppb
Strontium	86-1	238.03	247.47	250.86	245.45	2.71	ppb
Strontium	88-1	244.86	253.91	253.49	250.75	2.04	ppb
Sulfur	34-1	4706.98	5102.59	5344.96	5051.51	6.38	ppb
Terbium	159-1				102		%
Terbium	159-2				99		%
Thallium	203-1	247.15	257.06	256.88	253.69	2.24	ppb
Thallium	205-1	240.95	249.27	249.56	246.59	1.98	ppb
Tin	118-1	251.39	256.84	258.22	255.48	1.41	ppb
Titanium	47-1	2434.28	2489.18	2460.55	2461.34	1.12	ppb
Uranium	238-1	237.15	246.29	244.06	242.50	1.96	ppb

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : S05 Instrumnet Name : P8
Client Sample ID : S05 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 12:18:01 DataFile Name : 008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	248.07	252.56	239.59	246.74	2.67	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				99		%
Zinc	66-2	2535.77	2590.85	2477.30	2534.64	2.24	ppb
Zirconium	90-1	244.22	254.34	253.44	250.67	2.23	ppb
Zirconium	91-1	244.60	251.55	255.77	250.64	2.25	ppb

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : S06 Instrumnet Name : P8
Client Sample ID : S06 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 12:20:51 DataFile Name : 009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9883.79	9794.63	9810.11	9829.51	0.48	ppb
Antimony	121-1	499.07	505.10	506.78	503.65	0.81	ppb
Arsenic	75-2	500.30	517.61	512.43	510.11	1.74	ppb
Barium	135-1	2513.58	2523.15	2511.77	2516.17	0.24	ppb
Barium	137-1	2516.93	2489.70	2498.67	2501.77	0.55	ppb
Beryllium	9-1	507.98	500.56	508.66	505.73	0.89	ppb
Bismuth	209-1				97		%
Bismuth	209-2				94		%
Bromine	81-1						cps
Cadmium	108-1	503.90	500.35	508.18	504.14	0.78	ppb
Cadmium	106-1	503.93	506.41	501.56	503.97	0.48	ppb
Cadmium	111-1	500.58	522.01	500.92	507.83	2.42	ppb
Calcium	43-1	51417.80	54154.09	52864.28	52812.05	2.59	ppb
Calcium	44-1	51209.24	52209.30	52725.49	52048.01	1.48	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	517.83	503.85	497.25	506.31	2.08	ppb
Cobalt	59-2	516.27	512.29	518.08	515.54	0.57	ppb
Copper	63-2	5166.74	5101.16	5090.98	5119.63	0.80	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				97		%
Indium	115-2				94		%
Iron	54-2	27081.10	26348.20	26408.56	26612.62	1.53	ppb
Iron	56-2	26194.12	26000.63	25630.57	25941.77	1.10	ppb
Iron	57-2	26721.47	26878.62	26460.78	26686.96	0.79	ppb
Krypton	83-1						cps
Lead	206-1	2503.78	2568.80	2520.62	2531.07	1.33	ppb

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : S06 Instrumnet Name : P8
Client Sample ID : S06 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 12:20:51 DataFile Name : 009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2502.93	2541.56	2498.81	2514.43	0.94	ppb
Lead	208-1	2500.96	2542.70	2503.06	2515.58	0.93	ppb
Lithium	6-1				97		%
Magnesium	24-2	51355.01	50925.34	51245.92	51175.42	0.44	ppb
Manganese	55-2	5131.32	5058.12	4965.43	5051.62	1.65	ppb
Molybdenum	94-1	4985.02	5068.08	5029.78	5027.63	0.83	ppb
Molybdenum	95-1	4947.27	5041.60	5049.20	5012.69	1.13	ppb
Molybdenum	96-1	4937.70	5019.56	5069.65	5008.97	1.33	ppb
Molybdenum	97-1	4938.52	5016.56	4982.99	4979.36	0.79	ppb
Molybdenum	98-1	5018.96	5069.36	4993.18	5027.17	0.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	495.33	495.81	492.42	494.52	0.37	ppb
Phosphorus	31-2	10353.82	10324.76	10295.48	10324.69	0.28	ppb
Potassium	39-2	25511.32	24922.23	25085.69	25173.08	1.21	ppb
Rhodium	103-1				96		%
Rhodium	103-2				94		%
Scandium	45-1				98		%
Scandium	45-2				98		%
Selenium	82-1	494.54	511.98	495.99	500.84	1.93	ppb
Selenium	77-2	509.92	516.16	513.18	513.09	0.61	ppb
Selenium	78-2	499.41	495.24	515.83	503.49	2.16	ppb
Silicon	28-1	494.84	525.63	517.24	512.57	3.11	ppb
Silver	107-1	501.21	507.30	511.39	506.63	1.01	ppb
Silver	109-1	498.69	509.69	507.75	505.38	1.16	ppb
Sodium	23-2	53437.00	52517.32	52924.99	52959.77	0.87	ppb
Strontium	86-1	497.27	512.31	505.14	504.91	1.49	ppb
Strontium	88-1	492.20	501.31	500.62	498.04	1.02	ppb
Sulfur	34-1	9939.85	10748.57	10209.22	10299.22	4.00	ppb
Terbium	159-1				102		%
Terbium	159-2				98		%
Thallium	203-1	495.69	512.45	507.89	505.34	1.72	ppb
Thallium	205-1	493.47	515.22	504.54	504.41	2.16	ppb
Tin	118-1	496.15	501.81	499.13	499.03	0.57	ppb
Titanium	47-1	4998.97	5118.22	5058.09	5058.43	1.18	ppb
Uranium	238-1	488.89	506.71	489.88	495.16	2.02	ppb

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : S06 Instrumnet Name : P8
Client Sample ID : S06 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 12:20:51 DataFile Name : 009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	504.97	495.01	493.54	497.84	1.25	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				97		%
Zinc	66-2	5185.91	5191.04	5191.76	5189.57	0.06	ppb
Zirconium	90-1	497.78	506.39	514.90	506.36	1.69	ppb
Zirconium	91-1	493.87	503.72	516.94	504.84	2.29	ppb

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : S07 Instrumnet Name : P8
Client Sample ID : S07 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 12:23:38 DataFile Name : 010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20040.16	20199.80	19592.17	19944.05	1.58	ppb
Antimony	121-1	996.63	997.03	996.16	996.61	0.04	ppb
Arsenic	75-2	981.78	1007.52	991.94	993.75	1.30	ppb
Barium	135-1	4996.89	4957.10	4996.59	4983.52	0.46	ppb
Barium	137-1	5059.63	4975.99	4944.87	4993.49	1.19	ppb
Beryllium	9-1	998.40	992.81	997.19	996.13	0.29	ppb
Bismuth	209-1				95		%
Bismuth	209-2				94		%
Bromine	81-1						cps
Cadmium	108-1	992.14	1002.25	991.31	995.23	0.61	ppb
Cadmium	106-1	996.24	1002.23	989.31	995.93	0.65	ppb
Cadmium	111-1	995.79	994.87	994.47	995.04	0.07	ppb
Calcium	43-1	102320.07	105137.98	101269.39	102909.15	1.94	ppb
Calcium	44-1	102047.33	103629.06	101377.68	102351.36	1.13	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1004.68	996.88	994.19	998.58	0.55	ppb
Cobalt	59-2	994.35	980.75	994.88	989.99	0.81	ppb
Copper	63-2	9997.46	9861.91	9851.93	9903.77	0.82	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				99		%
Indium	115-1				94		%
Indium	115-2				92		%
Iron	54-2	51723.88	51963.26	51592.29	51759.81	0.36	ppb
Iron	56-2	50852.48	50551.90	50656.01	50686.80	0.30	ppb
Iron	57-2	51801.28	51429.18	52683.53	51971.33	1.24	ppb
Krypton	83-1						cps
Lead	206-1	4993.66	4951.94	5015.45	4987.02	0.65	ppb

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : S07 Instrumnet Name : P8
Client Sample ID : S07 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 12:23:38 DataFile Name : 010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	5034.46	4955.81	5003.84	4998.03	0.79	ppb
Lead	208-1	5012.52	4963.14	5013.24	4996.30	0.57	ppb
Lithium	6-1				96		%
Magnesium	24-2	100216.27	99523.94	100694.75	100144.98	0.59	ppb
Manganese	55-2	9980.64	9916.80	9967.43	9954.96	0.34	ppb
Molybdenum	94-1	9832.46	10076.92	10068.52	9992.63	1.39	ppb
Molybdenum	95-1	9832.32	10057.16	10100.96	9996.81	1.44	ppb
Molybdenum	96-1	9778.17	10042.93	10168.66	9996.59	1.99	ppb
Molybdenum	97-1	9824.77	10061.13	10151.87	10012.59	1.69	ppb
Molybdenum	98-1	9864.05	10064.97	10029.97	9986.33	1.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1013.46	1002.59	990.55	1002.20	1.14	ppb
Phosphorus	31-2	19938.05	19957.51	19631.43	19842.33	0.92	ppb
Potassium	39-2	48504.25	48818.05	47980.99	48434.43	0.87	ppb
Rhodium	103-1				93		%
Rhodium	103-2				92		%
Scandium	45-1				98		%
Scandium	45-2				99		%
Selenium	82-1	981.40	1007.40	1005.74	998.18	1.46	ppb
Selenium	77-2	1008.55	962.83	995.68	989.02	2.38	ppb
Selenium	78-2	982.07	996.32	1004.62	994.34	1.15	ppb
Silicon	28-1	984.63	1009.92	982.86	992.47	1.53	ppb
Silver	107-1	1000.56	990.85	987.62	993.01	0.68	ppb
Silver	109-1	989.94	1003.64	988.66	994.08	0.84	ppb
Sodium	23-2	103396.66	103579.29	103325.04	103433.66	0.13	ppb
Strontium	86-1	999.26	997.18	1000.20	998.88	0.15	ppb
Strontium	88-1	995.67	1007.02	999.48	1000.72	0.58	ppb
Sulfur	34-1	19857.95	20140.36	19378.96	19792.42	1.94	ppb
Terbium	159-1				101		%
Terbium	159-2				97		%
Thallium	203-1	999.10	987.27	1002.77	996.38	0.81	ppb
Thallium	205-1	993.21	996.06	1006.44	998.57	0.70	ppb
Tin	118-1	996.36	1006.89	992.42	998.56	0.75	ppb
Titanium	47-1	10020.64	10077.57	9835.04	9977.75	1.27	ppb
Uranium	238-1	1000.74	999.94	1013.11	1004.59	0.74	ppb

LB Number :

LB134674

Operator :

Jaswal

Lab Sample ID :

S07

Instrumnet Name :

P8

Client Sample ID :

S07

Dilution Factor :

1

Date & Time Acquired :

2025-02-11 12:23:38

DataFile Name :

010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	1008.13	1012.17	985.64	1001.98	1.43	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				99		%
Zinc	66-2	9930.79	9952.97	9789.91	9891.22	0.89	ppb
Zirconium	90-1	987.30	1000.81	1001.50	996.54	0.80	ppb
Zirconium	91-1	984.69	996.58	1012.55	997.94	1.40	ppb

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : S08 Instrumnet Name : P8
Client Sample ID : S08 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 12:26:23 DataFile Name : 011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100001.44	99145.65	100949.12	100032.07	0.90	ppb
Antimony	121-1	0.92	0.88	0.86	0.89	3.02	ppb
Arsenic	75-2	0.47	0.57	0.59	0.54	12.16	ppb
Barium	135-1	2.03	2.01	1.93	1.99	2.45	ppb
Barium	137-1	2.07	1.98	1.98	2.01	2.69	ppb
Beryllium	9-1	0.39	0.32	0.31	0.34	12.43	ppb
Bismuth	209-1				82		%
Bismuth	209-2				83		%
Bromine	81-1						cps
Cadmium	108-1	0.92	0.93	0.59	0.81	23.82	ppb
Cadmium	106-1	1.13	0.53	0.11	0.59	87.38	ppb
Cadmium	111-1	0.26	0.17	0.15	0.19	30.09	ppb
Calcium	43-1	496458.64	491689.72	509091.84	499080.07	1.80	ppb
Calcium	44-1	500231.92	489395.68	508258.84	499295.48	1.90	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.15	3.02	3.11	3.09	2.07	ppb
Cobalt	59-2	2.11	2.16	2.18	2.15	1.80	ppb
Copper	63-2	1.74	1.82	1.72	1.76	3.02	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				93		%
Holmium	165-2				94		%
Indium	115-1				87		%
Indium	115-2				89		%
Iron	54-2	247511.87	247946.59	252854.03	249437.49	1.19	ppb
Iron	56-2	249835.80	251502.37	247866.72	249734.97	0.73	ppb
Iron	57-2	249954.84	245133.83	253156.72	249415.13	1.62	ppb
Krypton	83-1						cps
Lead	206-1	1.10	1.09	1.05	1.08	2.31	ppb

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : S08 Instrumnet Name : P8
Client Sample ID : S08 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 12:26:23 DataFile Name : 011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	1.11	1.10	1.02	1.08	4.63	ppb
Lead	208-1	1.13	1.10	1.03	1.08	4.43	ppb
Lithium	6-1				88		%
Magnesium	24-2	498044.63	499922.23	501406.70	499791.18	0.34	ppb
Manganese	55-2	4.48	4.67	4.71	4.62	2.69	ppb
Molybdenum	94-1	7.41	7.49	7.54	7.48	0.87	ppb
Molybdenum	95-1	5.32	5.20	5.39	5.30	1.83	ppb
Molybdenum	96-1	5.49	5.67	5.66	5.61	1.73	ppb
Molybdenum	97-1	5.24	5.35	5.31	5.30	1.05	ppb
Molybdenum	98-1	5.18	5.18	5.23	5.20	0.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.45	3.55	3.71	3.57	3.66	ppb
Phosphorus	31-2	-3.91	-7.46	-15.54	-8.97		ppb
Potassium	39-2	246285.44	247204.60	257400.49	250296.85	2.46	ppb
Rhodium	103-1				83		%
Rhodium	103-2				82		%
Scandium	45-1				92		%
Scandium	45-2				95		%
Selenium	82-1	0.03	-0.12	0.11	0.01	1565.73	ppb
Selenium	77-2	2.57	1.64	-0.31	1.30	112.87	ppb
Selenium	78-2	1.70	1.16	0.32	1.06	65.72	ppb
Silicon	28-1	18.54	16.06	16.86	17.15	7.37	ppb
Silver	107-1	0.18	0.18	0.17	0.18	2.86	ppb
Silver	109-1	0.20	0.18	0.16	0.18	8.87	ppb
Sodium	23-2	493861.44	497536.67	505413.75	498937.28	1.18	ppb
Strontium	86-1	3.15	3.04	3.11	3.10	1.79	ppb
Strontium	88-1	3.09	3.08	3.13	3.10	0.78	ppb
Sulfur	34-1	-151.56	-325.66	-49.80	-175.67		ppb
Terbium	159-1				92		%
Terbium	159-2				93		%
Thallium	203-1	0.08	0.09	0.07	0.08	7.75	ppb
Thallium	205-1	0.10	0.08	0.07	0.08	15.49	ppb
Tin	118-1	0.11	0.10	0.07	0.09	26.00	ppb
Titanium	47-1	1.61	1.72	1.75	1.69	4.42	ppb
Uranium	238-1	0.05	0.05	0.04	0.05	9.57	ppb

LB Number :

LB134674

Operator :

Jaswal

Lab Sample ID :

S08

Instrumnet Name :

P8

Client Sample ID :

S08

Dilution Factor :

1

Date & Time Acquired :

2025-02-11 12:26:23

DataFile Name :

011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.28	0.31	0.30	0.30	5.80	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				92		%
Yttrium	89-2				95		%
Zinc	66-2	5.06	5.40	5.65	5.37	5.55	ppb
Zirconium	90-1	1.69	1.70	1.69	1.69	0.19	ppb
Zirconium	91-1	1.69	1.66	1.68	1.68	0.94	ppb

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : ICV005 Instrumnet Name : P8
Client Sample ID : ICV005 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 13:29:04 DataFile Name : 012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	474.38	474.26	479.22	475.96	0.59	ppb
Antimony	121-1	203.39	205.37	208.33	205.70	1.21	ppb
Arsenic	75-2	204.81	205.88	210.12	206.93	1.36	ppb
Barium	135-1	99.44	100.04	101.23	100.24	0.91	ppb
Barium	137-1	99.75	101.13	102.64	101.17	1.43	ppb
Beryllium	9-1	100.05	103.59	101.43	101.69	1.76	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Cadmium	108-1	130.63	135.70	136.19	134.17	2.29	ppb
Cadmium	106-1	79.71	80.20	82.71	80.87	1.99	ppb
Cadmium	111-1	103.51	105.21	105.35	104.69	0.98	ppb
Calcium	43-1	2228.40	2264.92	2255.92	2249.74	0.85	ppb
Calcium	44-1	2182.53	2171.05	2225.64	2193.08	1.31	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	101.29	101.03	101.25	101.19	0.14	ppb
Cobalt	59-2	105.02	106.03	105.30	105.45	0.49	ppb
Copper	63-2	106.08	107.80	107.31	107.06	0.83	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				101		%
Indium	115-2				100		%
Iron	54-2	2115.83	2152.87	2133.01	2133.90	0.87	ppb
Iron	56-2	2084.94	2069.91	2056.00	2070.28	0.70	ppb
Iron	57-2	2071.76	2042.39	2063.45	2059.20	0.74	ppb
Krypton	83-1						cps
Lead	206-1	207.14	205.46	203.00	205.20	1.01	ppb

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : ICV005 Instrumnet Name : P8
Client Sample ID : ICV005 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 13:29:04 DataFile Name : 012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	192.93	197.39	195.74	195.35	1.15	ppb
Lead	208-1	197.10	199.05	197.91	198.02	0.50	ppb
Lithium	6-1				102		%
Magnesium	24-2	1145.83	1144.18	1153.22	1147.74	0.42	ppb
Manganese	55-2	98.59	101.58	99.41	99.86	1.55	ppb
Molybdenum	94-1	3842.15	3894.58	3854.33	3863.69	0.71	ppb
Molybdenum	95-1	4712.46	4804.91	4737.07	4751.48	1.01	ppb
Molybdenum	96-1	4640.67	4669.45	4688.96	4666.36	0.52	ppb
Molybdenum	97-1	4648.16	4742.05	4780.20	4723.47	1.44	ppb
Molybdenum	98-1	4655.45	4808.26	4725.23	4729.64	1.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	104.55	106.57	104.77	105.29	1.05	ppb
Phosphorus	31-2	-9.47	-16.25	-11.58	-12.44		ppb
Potassium	39-2	1902.58	1911.28	1905.26	1906.37	0.23	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				103		%
Scandium	45-2				101		%
Selenium	82-1	206.07	211.41	213.32	210.27	1.79	ppb
Selenium	77-2	202.75	241.20	235.75	226.57	9.18	ppb
Selenium	78-2	219.67	213.51	224.26	219.15	2.46	ppb
Silicon	28-1	1.21	1.33	1.70	1.41	18.19	ppb
Silver	107-1	47.78	49.27	49.02	48.69	1.64	ppb
Silver	109-1	48.15	49.05	49.75	48.98	1.63	ppb
Sodium	23-2	2042.96	2019.09	2032.96	2031.67	0.59	ppb
Strontium	86-1	522.12	526.86	536.76	528.58	1.41	ppb
Strontium	88-1	514.76	523.90	526.72	521.79	1.20	ppb
Sulfur	34-1	-30.06	2.37	20.86	-2.28		ppb
Terbium	159-1				103		%
Terbium	159-2				99		%
Thallium	203-1	205.48	201.73	200.40	202.54	1.30	ppb
Thallium	205-1	200.43	199.20	199.02	199.55	0.38	ppb
Tin	118-1	0.04	0.06	0.06	0.06	21.39	ppb
Titanium	47-1	0.44	0.44	0.46	0.45	3.13	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	9.50	ppb

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : ICV005 Instrumnet Name : P8
Client Sample ID : ICV005 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 13:29:04 DataFile Name : 012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	98.19	99.33	98.44	98.65	0.61	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				100		%
Zinc	66-2	199.47	204.25	200.58	201.43	1.24	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	16.21	ppb
Zirconium	91-1	0.12	0.11	0.14	0.12	11.20	ppb

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : ICB005 Instrumnet Name : P8
Client Sample ID : ICB005 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 13:33:28 DataFile Name : 013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.97	-0.51	-0.04	-0.51		ppb
Antimony	121-1	0.04	0.03	0.03	0.03	17.21	ppb
Arsenic	75-2	-0.02	-0.03	-0.03	-0.02		ppb
Barium	135-1	0.01	0.01	0.00	0.01	87.14	ppb
Barium	137-1	0.01	0.01	0.01	0.01	14.33	ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	30.13	ppb
Bismuth	209-1				102		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Cadmium	108-1	0.02	0.06	0.06	0.04	50.68	ppb
Cadmium	106-1	-0.24	-0.65	-1.28	-0.72		ppb
Cadmium	111-1	-0.01	-0.05	-0.10	-0.05		ppb
Calcium	43-1	0.47	-1.32	0.19	-0.22		ppb
Calcium	44-1	-4.99	-5.50	-6.09	-5.53		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	0.01	0.00	0.00	313.17	ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	-0.11	-0.16	-0.11	-0.13		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				102		%
Indium	115-2				100		%
Iron	54-2	0.35	0.31	0.20	0.29	26.23	ppb
Iron	56-2	0.03	-0.16	-0.05	-0.06		ppb
Iron	57-2	-0.44	-0.07	0.04	-0.16		ppb
Krypton	83-1						cps
Lead	206-1	0.01	0.02	0.02	0.02	32.46	ppb

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : ICB005 Instrumnet Name : P8
Client Sample ID : ICB005 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 13:33:28 DataFile Name : 013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.03	0.01	0.03	0.02	40.64	ppb
Lead	208-1	0.02	0.02	0.02	0.02	15.86	ppb
Lithium	6-1				103		%
Magnesium	24-2	-7.24	-6.36	-7.31	-6.97		ppb
Manganese	55-2	0.00	0.02	0.00	0.01	162.70	ppb
Molybdenum	94-1	0.09	0.05	0.07	0.07	23.72	ppb
Molybdenum	95-1	0.10	0.09	0.07	0.09	17.36	ppb
Molybdenum	96-1	0.09	0.08	0.08	0.08	11.10	ppb
Molybdenum	97-1	0.09	0.08	0.08	0.08	6.97	ppb
Molybdenum	98-1	0.10	0.10	0.08	0.09	12.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.08	-0.12	-0.12	-0.10		ppb
Phosphorus	31-2	-14.26	-21.16	-6.53	-13.99		ppb
Potassium	39-2	-1.16	-0.70	-1.00	-0.95		ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				102		%
Scandium	45-2				102		%
Selenium	82-1	0.20	-0.06	0.21	0.12	127.21	ppb
Selenium	77-2	-0.31	-0.31	-0.31	-0.31		ppb
Selenium	78-2	0.00	0.00	0.00	0.00		ppb
Silicon	28-1	-0.44	-0.47	-0.70	-0.53		ppb
Silver	107-1	0.01	0.01	0.01	0.01	31.91	ppb
Silver	109-1	0.01	0.01	0.01	0.01	8.40	ppb
Sodium	23-2	-5.25	-4.47	-6.40	-5.37		ppb
Strontium	86-1	-0.02	-0.01	-0.03	-0.02		ppb
Strontium	88-1	-0.01	-0.01	-0.01	-0.01		ppb
Sulfur	34-1	-69.67	-118.01	-132.30	-106.66		ppb
Terbium	159-1				103		%
Terbium	159-2				100		%
Thallium	203-1	0.01	0.01	0.00	0.00	55.64	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	2.06	ppb
Tin	118-1	0.00	0.00	-0.01	0.00		ppb
Titanium	47-1	-0.03	-0.07	-0.05	-0.05		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : ICB005 Instrumnet Name : P8
Client Sample ID : ICB005 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 13:33:28 DataFile Name : 013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				101		%
Zinc	66-2	0.03	0.15	0.25	0.14	78.78	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00		ppb
Zirconium	91-1	0.00	0.01	0.01	0.01	83.82	ppb

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : ICSA005 Instrumnet Name : P8
Client Sample ID : ICSA005 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 13:40:53 DataFile Name : 015ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	93753.99	95541.18	93981.70	94425.62	1.03	ppb
Antimony	121-1	1.19	1.15	1.17	1.17	1.75	ppb
Arsenic	75-2	0.34	0.22	0.21	0.26	28.27	ppb
Barium	135-1	1.40	1.35	1.39	1.38	1.87	ppb
Barium	137-1	1.44	1.44	1.47	1.45	1.23	ppb
Beryllium	9-1	0.29	0.29	0.30	0.30	2.31	ppb
Bismuth	209-1				92		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Cadmium	108-1	19.33	18.14	18.36	18.61	3.38	ppb
Cadmium	106-1	-2.58	-1.61	-2.62	-2.27		ppb
Cadmium	111-1	0.44	0.56	0.44	0.48	14.44	ppb
Calcium	43-1	107230.28	106378.29	108303.47	107304.01	0.90	ppb
Calcium	44-1	104007.83	104537.69	106853.62	105133.05	1.44	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	19.67	20.30	20.28	20.09	1.78	ppb
Cobalt	59-2	1.16	1.20	1.18	1.18	1.52	ppb
Copper	63-2	8.01	8.20	8.16	8.13	1.24	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				96		%
Indium	115-2				95		%
Iron	54-2	103355.70	105396.89	104119.06	104290.55	0.99	ppb
Iron	56-2	103556.33	105216.25	104118.86	104297.15	0.81	ppb
Iron	57-2	103931.65	107096.75	104442.56	105156.98	1.62	ppb
Krypton	83-1						cps
Lead	206-1	4.86	4.80	4.83	4.83	0.71	ppb

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : ICSA005 Instrumnet Name : P8
Client Sample ID : ICSA005 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 13:40:53 DataFile Name : 015ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	4.45	4.39	4.48	4.44	1.13	ppb
Lead	208-1	4.55	4.48	4.51	4.51	0.80	ppb
Lithium	6-1				96		%
Magnesium	24-2	96157.04	98164.13	98421.79	97580.99	1.27	ppb
Manganese	55-2	7.68	7.67	7.98	7.78	2.24	ppb
Molybdenum	94-1	1602.24	1609.96	1640.90	1617.70	1.26	ppb
Molybdenum	95-1	1956.97	1975.72	2029.65	1987.45	1.90	ppb
Molybdenum	96-1	1947.66	1964.03	2020.11	1977.27	1.92	ppb
Molybdenum	97-1	2001.49	1984.19	2025.85	2003.84	1.04	ppb
Molybdenum	98-1	1983.79	1987.71	2032.34	2001.28	1.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.00	5.15	5.21	5.12	2.11	ppb
Phosphorus	31-2	103511.66	104900.69	104989.08	104467.14	0.79	ppb
Potassium	39-2	99496.96	100608.07	100327.40	100144.14	0.58	ppb
Rhodium	103-1				94		%
Rhodium	103-2				94		%
Scandium	45-1				99		%
Scandium	45-2				101		%
Selenium	82-1	0.13	0.58	0.23	0.31	75.27	ppb
Selenium	77-2	-0.31	0.62	-0.31	0.00	20462.25	ppb
Selenium	78-2	0.26	0.82	0.80	0.63	50.24	ppb
Silicon	28-1	25.53	26.12	28.05	26.57	4.96	ppb
Silver	107-1	0.02	0.02	0.02	0.02	20.11	ppb
Silver	109-1	0.02	0.02	0.03	0.02	30.13	ppb
Sodium	23-2	105227.50	109112.01	106874.08	107071.20	1.82	ppb
Strontium	86-1	33.93	34.72	34.79	34.48	1.39	ppb
Strontium	88-1	35.29	35.74	35.56	35.53	0.63	ppb
Sulfur	34-1	98761.46	99159.30	99908.90	99276.55	0.59	ppb
Terbium	159-1				101		%
Terbium	159-2				98		%
Thallium	203-1	0.06	0.05	0.07	0.06	13.35	ppb
Thallium	205-1	0.05	0.05	0.06	0.05	13.41	ppb
Tin	118-1	0.12	0.10	0.10	0.11	9.36	ppb
Titanium	47-1	2081.60	2090.38	2152.89	2108.29	1.84	ppb
Uranium	238-1	0.01	0.01	0.02	0.01	9.36	ppb

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : ICSA005 Instrumnet Name : P8
Client Sample ID : ICSA005 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 13:40:53 DataFile Name : 015ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.13	0.16	0.14	0.14	9.13	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				101		%
Zinc	66-2	10.82	11.31	11.08	11.07	2.21	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	17.68	ppb
Zirconium	91-1	0.01	0.02	0.01	0.01	30.62	ppb

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : ICSAB005 Instrumnet Name : P8
Client Sample ID : ICSAB005 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 13:44:07 DataFile Name : 016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	92838.93	94469.11	93063.81	93457.28	0.95	ppb
Antimony	121-1	22.07	22.24	22.10	22.14	0.40	ppb
Arsenic	75-2	21.18	22.22	21.86	21.75	2.44	ppb
Barium	135-1	22.31	21.93	22.27	22.17	0.94	ppb
Barium	137-1	22.44	22.72	22.35	22.50	0.87	ppb
Beryllium	9-1	21.42	20.87	21.72	21.34	2.02	ppb
Bismuth	209-1				94		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Cadmium	108-1	34.81	34.99	34.94	34.91	0.26	ppb
Cadmium	106-1	13.22	14.10	13.41	13.58	3.38	ppb
Cadmium	111-1	20.78	20.64	20.52	20.65	0.62	ppb
Calcium	43-1	105683.57	106579.58	108123.02	106795.39	1.16	ppb
Calcium	44-1	104794.82	105729.87	105617.30	105380.66	0.48	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	39.71	39.76	39.90	39.79	0.24	ppb
Cobalt	59-2	21.38	21.89	21.63	21.63	1.18	ppb
Copper	63-2	28.41	28.36	28.53	28.43	0.32	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				97		%
Indium	115-2				96		%
Iron	54-2	104816.97	104548.16	103730.56	104365.23	0.54	ppb
Iron	56-2	102910.05	104311.05	103267.01	103496.04	0.70	ppb
Iron	57-2	104934.36	105261.70	103525.25	104573.77	0.88	ppb
Krypton	83-1						cps
Lead	206-1	25.97	24.96	25.75	25.56	2.07	ppb

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : ICSAB005 Instrumnet Name : P8
Client Sample ID : ICSAB005 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 13:44:07 DataFile Name : 016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	24.71	24.23	24.66	24.53	1.08	ppb
Lead	208-1	25.02	24.47	25.01	24.83	1.27	ppb
Lithium	6-1				97		%
Magnesium	24-2	96682.97	97260.00	97640.71	97194.56	0.50	ppb
Manganese	55-2	27.46	27.92	27.30	27.56	1.17	ppb
Molybdenum	94-1	1619.40	1608.19	1644.86	1624.15	1.16	ppb
Molybdenum	95-1	2019.46	1990.68	2005.22	2005.12	0.72	ppb
Molybdenum	96-1	1982.97	1946.65	1956.62	1962.08	0.96	ppb
Molybdenum	97-1	2014.48	1996.99	1995.50	2002.32	0.53	ppb
Molybdenum	98-1	2022.90	1966.70	2004.50	1998.03	1.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.81	25.20	25.15	25.05	0.85	ppb
Phosphorus	31-2	103987.60	104893.04	104661.69	104514.11	0.45	ppb
Potassium	39-2	99869.44	100245.41	99341.59	99818.81	0.45	ppb
Rhodium	103-1				94		%
Rhodium	103-2				93		%
Scandium	45-1				101		%
Scandium	45-2				102		%
Selenium	82-1	21.09	21.15	20.39	20.88	2.03	ppb
Selenium	77-2	21.47	26.60	24.55	24.21	10.67	ppb
Selenium	78-2	23.64	29.89	26.15	26.56	11.83	ppb
Silicon	28-1	28.23	29.29	30.26	29.26	3.48	ppb
Silver	107-1	19.41	19.55	19.61	19.52	0.52	ppb
Silver	109-1	19.58	19.49	19.65	19.57	0.42	ppb
Sodium	23-2	105675.64	107130.02	107019.12	106608.26	0.76	ppb
Strontium	86-1	34.39	34.23	34.42	34.34	0.29	ppb
Strontium	88-1	35.44	35.27	35.66	35.46	0.55	ppb
Sulfur	34-1	96935.89	97847.31	99160.36	97981.19	1.14	ppb
Terbium	159-1				102		%
Terbium	159-2				98		%
Thallium	203-1	21.19	21.13	21.08	21.13	0.25	ppb
Thallium	205-1	21.36	20.71	21.35	21.14	1.76	ppb
Tin	118-1	0.16	0.15	0.15	0.15	1.26	ppb
Titanium	47-1	2118.93	2117.62	2144.11	2126.89	0.70	ppb
Uranium	238-1	0.02	0.01	0.01	0.01	8.87	ppb

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : ICSAB005 Instrumnet Name : P8
Client Sample ID : ICSAB005 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 13:44:07 DataFile Name : 016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	20.07	20.23	20.18	20.16	0.40	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				101		%
Zinc	66-2	31.09	31.28	31.66	31.34	0.92	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	4.08	ppb
Zirconium	91-1	0.02	0.01	0.03	0.02	38.41	ppb

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : CCV021 Instrumnet Name : P8
Client Sample ID : CCV021 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 13:47:19 DataFile Name : 017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49746.73	49962.40	49673.39	49794.17	0.30	ppb
Antimony	121-1	492.27	507.99	502.80	501.02	1.60	ppb
Arsenic	75-2	489.17	502.13	498.52	496.60	1.35	ppb
Barium	135-1	2560.98	2595.31	2559.67	2571.98	0.79	ppb
Barium	137-1	2549.68	2577.32	2530.49	2552.49	0.92	ppb
Beryllium	9-1	500.37	509.58	508.55	506.17	1.00	ppb
Bismuth	209-1				90		%
Bismuth	209-2				88		%
Bromine	81-1						cps
Cadmium	108-1	492.93	502.30	489.47	494.90	1.34	ppb
Cadmium	106-1	484.39	496.86	489.92	490.39	1.27	ppb
Cadmium	111-1	497.56	514.74	499.46	503.92	1.87	ppb
Calcium	43-1	261716.52	264345.47	260408.05	262156.68	0.76	ppb
Calcium	44-1	259926.82	258880.09	261089.02	259965.31	0.43	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	493.18	507.34	496.51	499.01	1.48	ppb
Cobalt	59-2	490.85	492.97	496.95	493.59	0.63	ppb
Copper	63-2	4796.25	4769.19	4751.78	4772.41	0.47	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				98		%
Holmium	165-2				99		%
Indium	115-1				94		%
Indium	115-2				93		%
Iron	54-2	125145.17	126385.42	125291.99	125607.53	0.54	ppb
Iron	56-2	124763.32	126027.15	123663.34	124817.94	0.95	ppb
Iron	57-2	126361.39	126526.43	125710.97	126199.60	0.34	ppb
Krypton	83-1						cps
Lead	206-1	2535.08	2592.49	2547.84	2558.47	1.18	ppb

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : CCV021 Instrumnet Name : P8
Client Sample ID : CCV021 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 13:47:19 DataFile Name : 017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2507.54	2587.80	2491.55	2528.96	2.04	ppb
Lead	208-1	2527.18	2594.66	2509.28	2543.71	1.77	ppb
Lithium	6-1				94		%
Magnesium	24-2	248815.27	248704.63	246424.06	247981.32	0.54	ppb
Manganese	55-2	4868.97	4970.08	4908.91	4915.99	1.04	ppb
Molybdenum	94-1	5019.61	5102.96	5111.91	5078.16	1.00	ppb
Molybdenum	95-1	4986.78	5107.91	5010.17	5034.95	1.28	ppb
Molybdenum	96-1	4953.94	5045.19	5056.66	5018.60	1.12	ppb
Molybdenum	97-1	4977.78	5008.55	5064.46	5016.93	0.88	ppb
Molybdenum	98-1	5011.44	5050.31	5029.28	5030.34	0.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	465.89	462.76	459.05	462.57	0.74	ppb
Phosphorus	31-2	10304.56	10225.77	10004.64	10178.32	1.53	ppb
Potassium	39-2	125522.40	124299.99	123606.73	124476.37	0.78	ppb
Rhodium	103-1				90		%
Rhodium	103-2				91		%
Scandium	45-1				98		%
Scandium	45-2				101		%
Selenium	82-1	498.03	495.27	497.46	496.92	0.29	ppb
Selenium	77-2	501.74	496.66	503.50	500.63	0.71	ppb
Selenium	78-2	482.50	496.57	493.30	490.79	1.50	ppb
Silicon	28-1	506.51	512.50	522.84	513.95	1.61	ppb
Silver	107-1	492.30	496.81	491.40	493.50	0.59	ppb
Silver	109-1	484.14	487.15	484.71	485.33	0.33	ppb
Sodium	23-2	259278.15	260931.82	253667.77	257959.25	1.48	ppb
Strontium	86-1	509.64	506.46	508.21	508.10	0.31	ppb
Strontium	88-1	495.64	503.77	504.26	501.22	0.97	ppb
Sulfur	34-1	9637.46	9749.82	9754.52	9713.93	0.68	ppb
Terbium	159-1				99		%
Terbium	159-2				97		%
Thallium	203-1	505.41	518.79	509.41	511.20	1.34	ppb
Thallium	205-1	505.47	516.84	515.98	512.76	1.23	ppb
Tin	118-1	501.13	501.98	503.51	502.21	0.24	ppb
Titanium	47-1	5053.52	5005.06	5030.24	5029.61	0.48	ppb
Uranium	238-1	513.31	521.68	506.84	513.94	1.45	ppb

LB Number :

LB134674

Operator :

Jaswal

Lab Sample ID :

CCV021

Instrumnet Name :

P8

Client Sample ID :

CCV021

Dilution Factor :

1

Date & Time Acquired :

2025-02-11 13:47:19

DataFile Name :

017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	494.98	498.21	503.46	498.88	0.86	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				97		%
Yttrium	89-2				100		%
Zinc	66-2	4926.43	4849.19	4750.30	4841.97	1.82	ppb
Zirconium	90-1	503.35	513.17	511.35	509.29	1.03	ppb
Zirconium	91-1	509.81	520.64	501.30	510.58	1.90	ppb

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : CCB021 Instrumnet Name : P8
Client Sample ID : CCB021 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 13:50:25 DataFile Name : 018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.57	0.55	0.74	0.95	56.70	ppb
Antimony	121-1	0.11	0.11	0.11	0.11	3.97	ppb
Arsenic	75-2	-0.02	0.03	-0.01	0.00	1376.36	ppb
Barium	135-1	0.05	0.07	0.02	0.05	53.82	ppb
Barium	137-1	0.07	0.06	0.06	0.07	13.62	ppb
Beryllium	9-1	0.14	0.12	0.11	0.12	12.79	ppb
Bismuth	209-1				103		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Cadmium	108-1	0.09	0.09	0.00	0.06	89.63	ppb
Cadmium	106-1	-0.82	-0.90	-1.03	-0.92		ppb
Cadmium	111-1	-0.03	-0.05	-0.06	-0.05		ppb
Calcium	43-1	6.86	5.14	4.39	5.46	23.15	ppb
Calcium	44-1	2.75	2.16	1.42	2.11	31.72	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	-0.02	-0.02	-0.01		ppb
Cobalt	59-2	-0.01	0.00	-0.01	0.00		ppb
Copper	63-2	-0.02	-0.07	-0.03	-0.04		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				105		%
Indium	115-2				103		%
Iron	54-2	3.10	3.80	3.58	3.49	10.18	ppb
Iron	56-2	3.39	3.51	2.66	3.18	14.38	ppb
Iron	57-2	4.06	3.76	2.92	3.58	16.64	ppb
Krypton	83-1						cps
Lead	206-1	0.19	0.17	0.18	0.18	5.38	ppb

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : CCB021 Instrumnet Name : P8
Client Sample ID : CCB021 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 13:50:25 DataFile Name : 018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.23	0.19	0.18	0.20	13.37	ppb
Lead	208-1	0.20	0.18	0.17	0.19	7.74	ppb
Lithium	6-1				106		%
Magnesium	24-2	-7.45	-7.79	-7.77	-7.67		ppb
Manganese	55-2	0.12	0.08	0.08	0.10	23.51	ppb
Molybdenum	94-1	0.19	0.14	0.16	0.17	14.97	ppb
Molybdenum	95-1	0.20	0.16	0.14	0.17	17.58	ppb
Molybdenum	96-1	0.18	0.15	0.15	0.16	12.28	ppb
Molybdenum	97-1	0.20	0.17	0.12	0.16	25.60	ppb
Molybdenum	98-1	0.21	0.16	0.15	0.17	18.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	-0.01	-0.06	-0.04		ppb
Phosphorus	31-2	-14.10	-13.15	-9.90	-12.38		ppb
Potassium	39-2	23.30	23.49	17.96	21.59	14.55	ppb
Rhodium	103-1				106		%
Rhodium	103-2				105		%
Scandium	45-1				106		%
Scandium	45-2				106		%
Selenium	82-1	0.13	0.03	0.38	0.18	99.36	ppb
Selenium	77-2	1.46	-0.31	-0.31	0.28	363.03	ppb
Selenium	78-2	-0.27	-0.02	-0.27	-0.19		ppb
Silicon	28-1	0.51	0.53	0.28	0.44	31.16	ppb
Silver	107-1	0.05	0.05	0.04	0.05	6.99	ppb
Silver	109-1	0.05	0.05	0.05	0.05	8.31	ppb
Sodium	23-2	41.53	37.40	37.65	38.86	5.95	ppb
Strontium	86-1	-0.03	-0.03	-0.02	-0.03		ppb
Strontium	88-1	-0.03	-0.03	-0.03	-0.03		ppb
Sulfur	34-1	-895.39	-901.33	-837.69	-878.14		ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	0.07	0.06	0.05	0.06	14.39	ppb
Thallium	205-1	0.06	0.06	0.06	0.06	6.55	ppb
Tin	118-1	0.03	0.03	0.03	0.03	10.03	ppb
Titanium	47-1	0.14	0.08	0.05	0.09	51.00	ppb
Uranium	238-1	0.01	0.01	0.00	0.01	30.82	ppb

LB Number :

LB134674

Operator :

Jaswal

Lab Sample ID :

CCB021

Instrumnet Name :

P8

Client Sample ID :

CCB021

Dilution Factor :

1

Date & Time Acquired :

2025-02-11 13:50:25

DataFile Name :

018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.01	0.00	0.00	0.00	177.05	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				105		%
Zinc	66-2	0.24	0.28	0.14	0.22	32.21	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	4.02	ppb
Zirconium	91-1	0.02	0.02	0.02	0.02	6.96	ppb

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : Q1159-01DLX2 Instrumnet Name : P8
Client Sample ID : YE8C9 Dilution Factor : 2
Date & Time Acquired : 2025-02-11 13:53:45 DataFile Name : 019AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13023.36	14394.10	11685.31	13034.26	10.39	ppb
Antimony	121-1	0.30	0.31	0.32	0.31	2.84	ppb
Arsenic	75-2	30.52	32.85	28.60	30.66	6.93	ppb
Barium	135-1	122.54	121.85	124.77	123.05	1.24	ppb
Barium	137-1	124.03	122.86	126.67	124.52	1.57	ppb
Beryllium	9-1	0.54	0.56	0.58	0.56	3.14	ppb
Bismuth	209-1				102		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Cadmium	108-1	0.24	0.32	0.35	0.30	17.89	ppb
Cadmium	106-1	-0.74	-2.10	-0.88	-1.24		ppb
Cadmium	111-1	0.03	-0.07	0.04	0.00		ppb
Calcium	43-1	3008.15	3068.24	3074.69	3050.36	1.20	ppb
Calcium	44-1	3071.52	3128.00	3114.64	3104.72	0.95	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	30.35	33.66	27.15	30.39	10.71	ppb
Cobalt	59-2	17.41	19.05	15.35	17.27	10.74	ppb
Copper	63-2	57.85	63.83	52.54	58.07	9.73	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				93		%
Indium	115-1				104		%
Indium	115-2				92		%
Iron	54-2	37361.70	40875.82	33179.24	37138.92	10.37	ppb
Iron	56-2	37468.64	40947.72	33117.73	37178.03	10.55	ppb
Iron	57-2	38292.27	42114.28	33816.90	38074.48	10.91	ppb
Krypton	83-1						cps
Lead	206-1	12.44	13.27	13.07	12.92	3.36	ppb

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : Q1159-01DLX2 Instrumnet Name : P8
Client Sample ID : YE8C9 Dilution Factor : 2
Date & Time Acquired : 2025-02-11 13:53:45 DataFile Name : 019AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	11.66	12.26	12.29	12.07	2.95	ppb
Lead	208-1	11.98	12.69	12.60	12.43	3.12	ppb
Lithium	6-1				106		%
Magnesium	24-2	6468.64	7253.99	5886.28	6536.31	10.50	ppb
Manganese	55-2	281.46	307.38	248.21	279.02	10.63	ppb
Molybdenum	94-1	1.04	1.10	1.12	1.08	3.90	ppb
Molybdenum	95-1	0.43	0.44	0.46	0.44	3.32	ppb
Molybdenum	96-1	0.52	0.53	0.55	0.54	3.07	ppb
Molybdenum	97-1	0.44	0.43	0.47	0.45	5.50	ppb
Molybdenum	98-1	0.45	0.44	0.45	0.45	1.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	44.36	48.92	39.56	44.28	10.58	ppb
Phosphorus	31-2	363.48	392.51	331.15	362.38	8.47	ppb
Potassium	39-2	381.04	467.73	354.22	401.00	14.80	ppb
Rhodium	103-1				103		%
Rhodium	103-2				93		%
Scandium	45-1				106		%
Scandium	45-2				97		%
Selenium	82-1	0.28	0.69	0.44	0.47	43.97	ppb
Selenium	77-2	10.28	18.52	13.72	14.17	29.19	ppb
Selenium	78-2	3.67	3.10	2.81	3.19	13.78	ppb
Silicon	28-1	4646.41	4621.42	4555.06	4607.63	1.02	ppb
Silver	107-1	0.22	0.20	0.20	0.20	6.79	ppb
Silver	109-1	0.22	0.21	0.20	0.21	5.34	ppb
Sodium	23-2	95.23	120.94	74.20	96.79	24.19	ppb
Strontium	86-1	25.73	26.66	26.77	26.38	2.16	ppb
Strontium	88-1	25.76	26.41	27.11	26.42	2.56	ppb
Sulfur	34-1	-1264.00	-1287.51	-1350.87	-1300.79		ppb
Terbium	159-1				104		%
Terbium	159-2				91		%
Thallium	203-1	0.15	0.15	0.15	0.15	1.48	ppb
Thallium	205-1	0.15	0.16	0.15	0.15	1.92	ppb
Tin	118-1	0.06	0.04	0.04	0.05	30.26	ppb
Titanium	47-1	7.72	17.21	8.95	11.30	45.69	ppb
Uranium	238-1	0.22	0.23	0.24	0.23	4.52	ppb

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : Q1159-01DLX2 Instrumnet Name : P8
Client Sample ID : YE8C9 Dilution Factor : 2
Date & Time Acquired : 2025-02-11 13:53:45 DataFile Name : 019AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	36.91	41.04	32.92	36.96	11.00	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				97		%
Zinc	66-2	79.68	87.61	71.45	79.58	10.15	ppb
Zirconium	90-1	0.42	0.52	0.40	0.45	14.05	ppb
Zirconium	91-1	0.45	0.43	0.44	0.44	2.86	ppb

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : Q1159-02DLX2 Instrumnet Name : P8
Client Sample ID : YE8C9D Dilution Factor : 2
Date & Time Acquired : 2025-02-11 13:57:03 DataFile Name : 020AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11561.18	11886.15	11611.28	11686.20	1.50	ppb
Antimony	121-1	0.29	0.31	0.29	0.29	4.87	ppb
Arsenic	75-2	27.26	27.31	27.30	27.29	0.09	ppb
Barium	135-1	122.65	123.90	123.83	123.46	0.57	ppb
Barium	137-1	124.22	125.41	126.74	125.46	1.00	ppb
Beryllium	9-1	0.53	0.54	0.53	0.53	0.86	ppb
Bismuth	209-1				101		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Cadmium	108-1	0.32	0.27	0.31	0.30	8.46	ppb
Cadmium	106-1	-0.95	-1.07	-0.33	-0.78		ppb
Cadmium	111-1	0.02	-0.02	0.07	0.02	170.11	ppb
Calcium	43-1	2972.83	2977.04	3038.29	2996.06	1.22	ppb
Calcium	44-1	3064.28	3107.29	3060.81	3077.46	0.84	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	26.72	27.54	26.92	27.06	1.58	ppb
Cobalt	59-2	15.27	15.65	15.16	15.36	1.67	ppb
Copper	63-2	51.93	53.12	51.96	52.34	1.30	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				104		%
Indium	115-2				103		%
Iron	54-2	33969.75	34104.99	33496.20	33856.98	0.94	ppb
Iron	56-2	33247.33	33763.27	33265.81	33425.47	0.88	ppb
Iron	57-2	33419.82	34680.30	33739.07	33946.40	1.93	ppb
Krypton	83-1						cps
Lead	206-1	12.93	13.00	12.83	12.92	0.67	ppb

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : Q1159-02DLX2 Instrumnet Name : P8
Client Sample ID : YE8C9D Dilution Factor : 2
Date & Time Acquired : 2025-02-11 13:57:03 DataFile Name : 020AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	12.21	12.32	12.00	12.18	1.36	ppb
Lead	208-1	12.50	12.61	12.33	12.48	1.12	ppb
Lithium	6-1				107		%
Magnesium	24-2	5759.46	5886.64	5713.79	5786.63	1.55	ppb
Manganese	55-2	247.83	252.15	247.37	249.11	1.06	ppb
Molybdenum	94-1	1.08	1.08	1.07	1.08	0.73	ppb
Molybdenum	95-1	0.44	0.43	0.41	0.43	3.08	ppb
Molybdenum	96-1	0.60	0.51	0.53	0.55	7.97	ppb
Molybdenum	97-1	0.43	0.40	0.43	0.42	4.68	ppb
Molybdenum	98-1	0.43	0.42	0.45	0.43	3.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	39.02	40.07	39.13	39.41	1.46	ppb
Phosphorus	31-2	284.44	294.45	281.87	286.92	2.32	ppb
Potassium	39-2	342.05	334.95	326.08	334.36	2.39	ppb
Rhodium	103-1				106		%
Rhodium	103-2				104		%
Scandium	45-1				108		%
Scandium	45-2				108		%
Selenium	82-1	0.65	0.57	0.57	0.60	7.54	ppb
Selenium	77-2	21.14	16.38	13.33	16.95	23.22	ppb
Selenium	78-2	5.00	3.59	2.72	3.77	30.53	ppb
Silicon	28-1	4436.20	4555.18	4722.87	4571.42	3.15	ppb
Silver	107-1	0.17	0.18	0.19	0.18	5.40	ppb
Silver	109-1	0.16	0.18	0.19	0.17	8.56	ppb
Sodium	23-2	57.58	63.40	58.45	59.81	5.24	ppb
Strontium	86-1	26.33	26.30	26.34	26.32	0.08	ppb
Strontium	88-1	26.22	26.10	26.30	26.20	0.38	ppb
Sulfur	34-1	-1856.16	-1819.99	-1776.82	-1817.66		ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	0.13	0.14	0.15	0.14	8.79	ppb
Thallium	205-1	0.12	0.13	0.15	0.14	10.27	ppb
Tin	118-1	0.04	0.03	0.05	0.04	20.09	ppb
Titanium	47-1	10.97	9.88	10.81	10.55	5.54	ppb
Uranium	238-1	0.23	0.24	0.23	0.23	2.32	ppb

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : Q1159-02DLX2 Instrumnet Name : P8
Client Sample ID : YE8C9D Dilution Factor : 2
Date & Time Acquired : 2025-02-11 13:57:03 DataFile Name : 020AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	33.13	33.71	32.46	33.10	1.89	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				108		%
Zinc	66-2	69.55	72.57	70.08	70.73	2.28	ppb
Zirconium	90-1	0.36	0.39	0.39	0.38	5.30	ppb
Zirconium	91-1	2.01	0.39	0.40	0.93	99.83	ppb

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : Q1159-01LDLX10 Instrumnet Name : P8
Client Sample ID : YE8C9L Dilution Factor : 10
Date & Time Acquired : 2025-02-11 14:00:19 DataFile Name : 021AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2400.28	2390.35	2349.19	2379.94	1.14	ppb
Antimony	121-1	0.06	0.07	0.06	0.06	10.99	ppb
Arsenic	75-2	5.55	5.50	5.42	5.49	1.15	ppb
Barium	135-1	25.07	25.01	25.12	25.07	0.22	ppb
Barium	137-1	25.29	25.32	25.25	25.28	0.15	ppb
Beryllium	9-1	0.11	0.14	0.12	0.12	10.04	ppb
Bismuth	209-1				101		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Cadmium	108-1	0.03	0.11	0.06	0.06	61.76	ppb
Cadmium	106-1	-1.25	-2.51	-1.39	-1.72		ppb
Cadmium	111-1	-0.06	-0.18	-0.09	-0.11		ppb
Calcium	43-1	603.43	613.59	614.48	610.50	1.01	ppb
Calcium	44-1	598.40	604.87	602.29	601.85	0.54	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5.43	5.50	5.53	5.49	0.90	ppb
Cobalt	59-2	3.18	3.16	3.08	3.14	1.74	ppb
Copper	63-2	10.63	10.64	10.45	10.57	1.01	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				103		%
Holmium	165-2				103		%
Indium	115-1				104		%
Indium	115-2				103		%
Iron	54-2	6818.56	6734.57	6797.43	6783.52	0.64	ppb
Iron	56-2	6943.74	6870.90	6739.86	6851.50	1.51	ppb
Iron	57-2	6833.96	6719.21	6704.60	6752.59	1.05	ppb
Krypton	83-1						cps
Lead	206-1	2.68	2.69	2.71	2.69	0.53	ppb

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : Q1159-01LDLX10 Instrumnet Name : P8
Client Sample ID : YE8C9L Dilution Factor : 10
Date & Time Acquired : 2025-02-11 14:00:19 DataFile Name : 021AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2.60	2.55	2.61	2.59	1.13	ppb
Lead	208-1	2.64	2.60	2.65	2.63	0.92	ppb
Lithium	6-1				106		%
Magnesium	24-2	1155.73	1165.48	1147.05	1156.09	0.80	ppb
Manganese	55-2	51.37	52.55	50.56	51.49	1.94	ppb
Molybdenum	94-1	0.21	0.24	0.26	0.24	10.05	ppb
Molybdenum	95-1	0.09	0.09	0.09	0.09	2.58	ppb
Molybdenum	96-1	0.12	0.10	0.10	0.10	9.12	ppb
Molybdenum	97-1	0.11	0.08	0.09	0.09	13.91	ppb
Molybdenum	98-1	0.10	0.09	0.10	0.09	6.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	8.03	7.98	8.00	8.00	0.36	ppb
Phosphorus	31-2	52.51	55.53	52.81	53.61	3.11	ppb
Potassium	39-2	73.45	70.78	73.02	72.42	1.98	ppb
Rhodium	103-1				106		%
Rhodium	103-2				104		%
Scandium	45-1				107		%
Scandium	45-2				105		%
Selenium	82-1	0.13	0.14	0.16	0.14	8.81	ppb
Selenium	77-2	1.45	1.43	1.42	1.43	1.05	ppb
Selenium	78-2	1.27	0.24	0.99	0.84	64.18	ppb
Silicon	28-1	1072.16	925.27	921.76	973.06	8.82	ppb
Silver	107-1	0.03	0.04	0.03	0.03	9.23	ppb
Silver	109-1	0.04	0.04	0.04	0.04	4.44	ppb
Sodium	23-2	19.72	18.98	15.41	18.04	12.78	ppb
Strontium	86-1	5.26	5.37	5.32	5.32	1.03	ppb
Strontium	88-1	5.26	5.33	5.35	5.31	0.88	ppb
Sulfur	34-1	-2065.35	-2018.08	-2105.45	-2062.96		ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	0.04	0.04	0.04	0.04	7.85	ppb
Thallium	205-1	0.04	0.04	0.04	0.04	8.44	ppb
Tin	118-1	-0.03	-0.05	-0.05	-0.04		ppb
Titanium	47-1	1.31	1.62	1.92	1.62	18.81	ppb
Uranium	238-1	0.04	0.04	0.04	0.04	2.83	ppb

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : Q1159-01LDLX10 Instrumnet Name : P8
Client Sample ID : YE8C9L Dilution Factor : 10
Date & Time Acquired : 2025-02-11 14:00:19 DataFile Name : 021AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	6.67	6.66	6.91	6.75	2.12	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				107		%
Zinc	66-2	14.79	15.05	14.50	14.78	1.86	ppb
Zirconium	90-1	0.07	0.07	0.08	0.07	5.33	ppb
Zirconium	91-1	0.16	0.09	0.08	0.11	35.29	ppb

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : Q1159-03DLX2 Instrumnet Name : P8
Client Sample ID : YE8C9S Dilution Factor : 2
Date & Time Acquired : 2025-02-11 14:03:40 DataFile Name : 022AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11817.93	11598.56	11695.75	11704.08	0.94	ppb
Antimony	121-1	10.63	10.66	10.82	10.71	0.95	ppb
Arsenic	75-2	31.28	29.60	30.06	30.32	2.87	ppb
Barium	135-1	319.70	316.23	324.64	320.19	1.32	ppb
Barium	137-1	333.76	325.61	340.15	333.17	2.19	ppb
Beryllium	9-1	5.24	5.52	5.38	5.38	2.53	ppb
Bismuth	209-1				101		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Cadmium	108-1	4.80	5.06	4.75	4.87	3.47	ppb
Cadmium	106-1	2.74	2.31	2.32	2.46	10.00	ppb
Cadmium	111-1	5.21	5.01	5.18	5.13	2.07	ppb
Calcium	43-1	3469.65	3419.18	3466.52	3451.78	0.82	ppb
Calcium	44-1	3388.72	3342.93	3337.58	3356.41	0.84	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	46.23	45.55	46.60	46.13	1.15	ppb
Cobalt	59-2	65.59	63.55	65.21	64.78	1.68	ppb
Copper	63-2	76.84	75.67	75.73	76.08	0.87	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				104		%
Indium	115-1				103		%
Indium	115-2				104		%
Iron	54-2	33676.35	32324.28	32977.96	32992.86	2.05	ppb
Iron	56-2	32908.36	32418.20	32906.12	32744.23	0.86	ppb
Iron	57-2	33510.95	32992.49	32868.36	33123.93	1.03	ppb
Krypton	83-1						cps
Lead	206-1	14.74	14.72	14.85	14.77	0.49	ppb

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : Q1159-03DLX2 Instrumnet Name : P8
Client Sample ID : YE8C9S Dilution Factor : 2
Date & Time Acquired : 2025-02-11 14:03:40 DataFile Name : 022AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	14.07	13.94	14.07	14.03	0.52	ppb
Lead	208-1	14.32	14.26	14.32	14.30	0.26	ppb
Lithium	6-1				107		%
Magnesium	24-2	5828.44	5634.15	5669.03	5710.54	1.81	ppb
Manganese	55-2	295.45	288.16	294.65	292.75	1.37	ppb
Molybdenum	94-1	42.43	42.64	43.55	42.87	1.39	ppb
Molybdenum	95-1	50.52	50.99	51.69	51.06	1.16	ppb
Molybdenum	96-1	49.31	50.27	50.70	50.09	1.42	ppb
Molybdenum	97-1	50.99	51.28	52.13	51.46	1.15	ppb
Molybdenum	98-1	50.43	51.31	51.35	51.03	1.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	89.04	87.19	88.84	88.36	1.15	ppb
Phosphorus	31-2	307.28	321.91	335.74	321.64	4.42	ppb
Potassium	39-2	328.75	320.98	317.06	322.26	1.85	ppb
Rhodium	103-1				106		%
Rhodium	103-2				104		%
Scandium	45-1				108		%
Scandium	45-2				108		%
Selenium	82-1	2.50	2.28	2.44	2.40	4.63	ppb
Selenium	77-2	16.51	16.57	18.74	17.27	7.35	ppb
Selenium	78-2	4.65	3.68	5.05	4.46	15.81	ppb
Silicon	28-1	4814.84	4428.17	4447.94	4563.65	4.77	ppb
Silver	107-1	5.09	5.12	5.22	5.14	1.27	ppb
Silver	109-1	5.10	5.08	5.27	5.15	2.06	ppb
Sodium	23-2	51.34	48.19	52.67	50.73	4.54	ppb
Strontium	86-1	1013.38	1013.92	1008.09	1011.80	0.32	ppb
Strontium	88-1	997.55	1000.36	1009.06	1002.32	0.60	ppb
Sulfur	34-1	-2288.41	-2352.42	-2366.66	-2335.83		ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	4.90	4.98	5.01	4.96	1.12	ppb
Thallium	205-1	4.98	5.01	5.02	5.00	0.35	ppb
Tin	118-1	0.02	0.00	0.01	0.01	80.18	ppb
Titanium	47-1	7.87	14.07	18.01	13.32	38.38	ppb
Uranium	238-1	0.23	0.24	0.23	0.23	1.30	ppb

LB Number :

LB134674

Operator :

Jaswal

Lab Sample ID :

Q1159-03DLX2

Instrumnet Name :

P8

Client Sample ID :

YE8C9S

Dilution Factor :

2

Date & Time Acquired :

2025-02-11 14:03:40

DataFile Name :

022AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	80.97	79.34	81.19	80.50	1.26	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				107		%
Zinc	66-2	120.38	116.92	119.63	118.98	1.53	ppb
Zirconium	90-1	0.39	0.38	0.41	0.40	3.64	ppb
Zirconium	91-1	0.41	0.41	0.64	0.49	27.50	ppb

LB Number :LB134674Operator :Jaswal

Lab Sample ID :PB166570BLInstrumnet Name :P8

Client Sample ID :PBW570Dilution Factor :1

Date & Time Acquired :2025-02-11 14:15:28DataFile Name :023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.44	-0.06	-0.57	-0.36		ppb
Antimony	121-1	0.01	0.00	0.00	0.01	27.52	ppb
Arsenic	75-2	-0.01	0.02	-0.02	0.00		ppb
Barium	135-1	-0.01	-0.01	-0.02	-0.02		ppb
Barium	137-1	-0.01	-0.01	-0.01	-0.01		ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	177.07	ppb
Bismuth	209-1				103		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Cadmium	108-1	0.04	0.04	0.04	0.04	3.00	ppb
Cadmium	106-1	-1.04	-2.27	-0.58	-1.30		ppb
Cadmium	111-1	-0.09	-0.18	-0.05	-0.10		ppb
Calcium	43-1	-1.33	0.21	-0.47	-0.53		ppb
Calcium	44-1	-5.67	-5.48	-6.31	-5.82		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.02	0.00	-0.02	-0.01		ppb
Cobalt	59-2	0.00	-0.01	0.00	0.00		ppb
Copper	63-2	-0.17	-0.19	-0.20	-0.19		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				104		%
Indium	115-1				105		%
Indium	115-2				104		%
Iron	54-2	0.95	0.99	0.80	0.91	10.67	ppb
Iron	56-2	0.70	0.67	0.59	0.65	8.86	ppb
Iron	57-2	0.29	1.74	1.54	1.19	65.91	ppb
Krypton	83-1						cps
Lead	206-1	0.04	0.03	0.04	0.04	11.08	ppb

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : PB166570BL Instrumnet Name : P8
Client Sample ID : PBW570 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 14:15:28 DataFile Name : 023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.04	0.04	0.03	0.03	17.37	ppb
Lead	208-1	0.04	0.04	0.04	0.04	7.15	ppb
Lithium	6-1				107		%
Magnesium	24-2	-6.62	-7.13	-6.81	-6.85		ppb
Manganese	55-2	-0.01	0.00	0.00	-0.01		ppb
Molybdenum	94-1	0.00	0.01	0.01	0.01	28.98	ppb
Molybdenum	95-1	0.00	0.01	0.00	0.00	75.43	ppb
Molybdenum	96-1	0.00	0.01	-0.01	0.00		ppb
Molybdenum	97-1	0.00	-0.01	0.00	0.00		ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	49.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.05	-0.06	-0.06	-0.06		ppb
Phosphorus	31-2	-7.49	-19.80	-24.33	-17.21		ppb
Potassium	39-2	3.85	1.80	3.12	2.92	35.55	ppb
Rhodium	103-1				105		%
Rhodium	103-2				105		%
Scandium	45-1				107		%
Scandium	45-2				107		%
Selenium	82-1	0.17	0.00	0.39	0.19	104.02	ppb
Selenium	77-2	-0.31	-0.31	-0.31	-0.31		ppb
Selenium	78-2	0.98	-0.27	0.99	0.57	128.24	ppb
Silicon	28-1	-0.46	-1.52	-1.63	-1.20		ppb
Silver	107-1	0.00	0.00	0.00	0.00	747.58	ppb
Silver	109-1	0.00	0.00	0.00	0.00	33.98	ppb
Sodium	23-2	3.59	-0.52	-0.45	0.87	268.83	ppb
Strontium	86-1	-0.04	-0.05	-0.04	-0.04		ppb
Strontium	88-1	-0.04	-0.04	-0.03	-0.03		ppb
Sulfur	34-1	-1377.16	-1655.54	-1520.32	-1517.67		ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	0.02	0.02	0.02	0.02	8.36	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	2.03	ppb
Tin	118-1	-0.01	-0.02	-0.01	-0.02		ppb
Titanium	47-1	-0.06	-0.04	-0.08	-0.06		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb

LB Number :

LB134674

Operator :

Jaswal

Lab Sample ID :

PB166570BL

Instrumnet Name :

P8

Client Sample ID :

PBW570

Dilution Factor :

1

Date & Time Acquired :

2025-02-11 14:15:28

DataFile Name :

023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				108		%
Zinc	66-2	0.13	0.00	-0.02	0.04	230.14	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	210.07	ppb
Zirconium	91-1	0.01	0.00	0.00	0.01	97.99	ppb

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : PB166570BS Instrumnet Name : P8
Client Sample ID : LCS570 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 14:18:49 DataFile Name : 024LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	41.27	41.94	40.43	41.22	1.83	ppb
Antimony	121-1	4.33	4.44	4.32	4.36	1.52	ppb
Arsenic	75-2	2.29	2.31	2.31	2.30	0.50	ppb
Barium	135-1	20.75	21.44	21.01	21.07	1.64	ppb
Barium	137-1	20.69	21.35	21.13	21.06	1.59	ppb
Beryllium	9-1	2.15	2.18	2.13	2.15	1.08	ppb
Bismuth	209-1				102		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Cadmium	108-1	2.65	2.30	2.43	2.46	7.11	ppb
Cadmium	106-1	1.04	1.23	2.02	1.43	36.25	ppb
Cadmium	111-1	2.09	2.17	2.23	2.17	3.38	ppb
Calcium	43-1	1074.02	1108.22	1084.79	1089.01	1.61	ppb
Calcium	44-1	1048.57	1074.68	1066.03	1063.09	1.25	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.95	4.11	4.07	4.04	1.99	ppb
Cobalt	59-2	2.11	2.18	2.16	2.15	1.65	ppb
Copper	63-2	4.52	4.58	4.59	4.56	0.90	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				104		%
Indium	115-1				105		%
Indium	115-2				105		%
Iron	54-2	426.73	438.04	442.64	435.80	1.88	ppb
Iron	56-2	426.95	434.63	438.82	433.47	1.39	ppb
Iron	57-2	435.76	431.17	440.14	435.69	1.03	ppb
Krypton	83-1						cps
Lead	206-1	1.98	2.09	2.07	2.05	2.93	ppb

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : PB166570BS Instrumnet Name : P8
Client Sample ID : LCS570 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 14:18:49 DataFile Name : 024LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2.04	2.06	2.16	2.09	3.06	ppb
Lead	208-1	2.01	2.09	2.09	2.07	2.21	ppb
Lithium	6-1				107		%
Magnesium	24-2	988.05	1005.11	1021.90	1005.02	1.68	ppb
Manganese	55-2	2.04	2.07	2.11	2.07	1.68	ppb
Molybdenum	94-1	21.14	21.64	21.79	21.52	1.57	ppb
Molybdenum	95-1	21.27	21.91	21.84	21.67	1.62	ppb
Molybdenum	96-1	21.10	21.74	21.67	21.50	1.62	ppb
Molybdenum	97-1	21.43	22.10	22.02	21.85	1.68	ppb
Molybdenum	98-1	20.97	21.66	21.72	21.45	1.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.03	2.00	2.16	2.06	4.24	ppb
Phosphorus	31-2	37.48	48.04	29.93	38.48	23.65	ppb
Potassium	39-2	1007.03	1024.04	1046.03	1025.70	1.91	ppb
Rhodium	103-1				106		%
Rhodium	103-2				105		%
Scandium	45-1				107		%
Scandium	45-2				108		%
Selenium	82-1	10.37	11.04	10.92	10.78	3.34	ppb
Selenium	77-2	10.76	6.73	7.66	8.38	25.20	ppb
Selenium	78-2	12.20	13.12	11.40	12.24	7.01	ppb
Silicon	28-1	22.33	23.73	23.24	23.10	3.08	ppb
Silver	107-1	2.11	2.20	2.18	2.16	2.22	ppb
Silver	109-1	2.13	2.19	2.16	2.16	1.50	ppb
Sodium	23-2	1047.44	1061.84	1096.05	1068.44	2.34	ppb
Strontium	86-1	3.55	3.74	3.73	3.68	2.86	ppb
Strontium	88-1	3.61	3.72	3.74	3.69	1.93	ppb
Sulfur	34-1	-1344.14	-1162.81	-1173.22	-1226.72		ppb
Terbium	159-1				104		%
Terbium	159-2				103		%
Thallium	203-1	2.00	2.04	2.08	2.04	1.92	ppb
Thallium	205-1	2.08	2.06	2.11	2.08	1.23	ppb
Tin	118-1	10.53	10.92	10.83	10.76	1.87	ppb
Titanium	47-1	2.49	2.48	2.49	2.48	0.22	ppb
Uranium	238-1	1.85	1.91	1.90	1.89	1.82	ppb

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : PB166570BS Instrumnet Name : P8
Client Sample ID : LCS570 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 14:18:49 DataFile Name : 024LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	10.50	10.55	10.69	10.58	0.92	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				106		%
Zinc	66-2	10.84	10.69	10.44	10.66	1.87	ppb
Zirconium	90-1	1.98	2.08	2.02	2.03	2.36	ppb
Zirconium	91-1	1.95	2.03	2.00	1.99	2.05	ppb

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : Q1135-09 Instrumnet Name : P8
Client Sample ID : YE8H7 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 14:22:18 DataFile Name : 025AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.92	0.71	0.43	0.69	35.58	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	9.62	ppb
Arsenic	75-2	-0.02	-0.01	0.02	0.00		ppb
Barium	135-1	0.01	0.03	0.03	0.02	59.93	ppb
Barium	137-1	0.02	0.01	0.02	0.02	36.15	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00		ppb
Bismuth	209-1				106		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Cadmium	108-1	0.04	-0.01	0.02	0.02	158.61	ppb
Cadmium	106-1	-1.57	-1.07	-0.66	-1.10		ppb
Cadmium	111-1	-0.12	-0.08	-0.05	-0.08		ppb
Calcium	43-1	5.89	6.03	4.72	5.55	12.95	ppb
Calcium	44-1	-0.70	-0.97	-0.61	-0.76		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.20	0.21	0.20	0.20	3.59	ppb
Cobalt	59-2	-0.02	-0.01	-0.01	-0.01		ppb
Copper	63-2	-0.18	-0.18	-0.18	-0.18		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				105		%
Holmium	165-2				105		%
Indium	115-1				108		%
Indium	115-2				107		%
Iron	54-2	1.60	1.62	2.71	1.98	32.12	ppb
Iron	56-2	1.46	1.26	1.42	1.38	7.95	ppb
Iron	57-2	1.69	1.05	0.71	1.15	43.11	ppb
Krypton	83-1						cps
Lead	206-1	0.15	0.11	0.09	0.11	26.33	ppb

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : Q1135-09 Instrumnet Name : P8
Client Sample ID : YE8H7 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 14:22:18 DataFile Name : 025AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.15	0.11	0.09	0.12	25.40	ppb
Lead	208-1	0.15	0.10	0.09	0.11	25.54	ppb
Lithium	6-1				110		%
Magnesium	24-2	-6.21	-6.11	-4.80	-5.71		ppb
Manganese	55-2	0.36	0.32	0.44	0.37	17.13	ppb
Molybdenum	94-1	-0.02	0.00	0.00	-0.01		ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00		ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00		ppb
Molybdenum	97-1	0.00	-0.01	0.00	0.00		ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.08	-0.08	-0.05	-0.07		ppb
Phosphorus	31-2	-5.50	-8.36	-5.50	-6.45		ppb
Potassium	39-2	-0.07	3.15	1.86	1.64	98.63	ppb
Rhodium	103-1				109		%
Rhodium	103-2				106		%
Scandium	45-1				109		%
Scandium	45-2				110		%
Selenium	82-1	0.11	-0.19	0.36	0.09	296.96	ppb
Selenium	77-2	0.55	-0.31	-0.31	-0.02		ppb
Selenium	78-2	-0.02	0.23	-0.27	-0.02		ppb
Silicon	28-1	9.11	9.60	10.48	9.73	7.17	ppb
Silver	107-1	0.01	0.01	0.01	0.01	22.27	ppb
Silver	109-1	0.01	0.01	0.01	0.01	20.21	ppb
Sodium	23-2	16.24	13.37	16.33	15.31	11.01	ppb
Strontium	86-1	-0.02	0.01	0.03	0.01	302.91	ppb
Strontium	88-1	0.03	0.02	0.02	0.02	6.22	ppb
Sulfur	34-1	-1364.05	-1398.69	-1313.04	-1358.59		ppb
Terbium	159-1				108		%
Terbium	159-2				105		%
Thallium	203-1	0.03	0.02	0.01	0.02	29.65	ppb
Thallium	205-1	0.03	0.02	0.01	0.02	31.39	ppb
Tin	118-1	-0.02	-0.01	-0.01	-0.01		ppb
Titanium	47-1	-0.13	-0.14	-0.15	-0.14		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb

LB Number :

LB134674

Operator :

Jaswal

Lab Sample ID :

Q1135-09

Instrumnet Name :

P8

Client Sample ID :

YE8H7

Dilution Factor :

1

Date & Time Acquired :

2025-02-11 14:22:18

DataFile Name :

025AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				107		%
Zinc	66-2	0.06	0.04	0.07	0.06	23.92	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	455.02	ppb
Zirconium	91-1	0.00	0.00	0.00	0.00	685.88	ppb

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : PB166317BL Instrumnet Name : P8
Client Sample ID : PBW317 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 14:25:40 DataFile Name : 026CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.55	-0.39	-0.10	-0.35		ppb
Antimony	121-1	0.00	0.00	0.00	0.00	27.86	ppb
Arsenic	75-2	0.01	-0.03	-0.04	-0.02		ppb
Barium	135-1	-0.03	0.00	-0.02	-0.02		ppb
Barium	137-1	0.00	-0.01	-0.01	-0.01		ppb
Beryllium	9-1	-0.01	-0.01	0.00	-0.01		ppb
Bismuth	209-1				102		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Cadmium	108-1	0.06	0.03	0.00	0.03	106.61	ppb
Cadmium	106-1	-0.32	-1.94	-1.65	-1.31		ppb
Cadmium	111-1	-0.03	-0.15	-0.13	-0.10		ppb
Calcium	43-1	0.71	-0.96	-0.85	-0.37		ppb
Calcium	44-1	-6.00	-6.37	-6.05	-6.14		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	-0.02	-0.03	-0.02		ppb
Cobalt	59-2	0.00	-0.01	-0.01	-0.01		ppb
Copper	63-2	-0.19	-0.18	-0.16	-0.18		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				101		%
Holmium	165-2				102		%
Indium	115-1				104		%
Indium	115-2				103		%
Iron	54-2	0.62	0.60	0.74	0.66	11.65	ppb
Iron	56-2	0.26	0.16	0.33	0.25	34.51	ppb
Iron	57-2	-0.46	0.47	0.71	0.24	259.86	ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.00	-0.01	0.00		ppb

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : PB166317BL Instrumnet Name : P8
Client Sample ID : PBW317 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 14:25:40 DataFile Name : 026CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.00	0.00	0.00	0.00	431.31	ppb
Lead	208-1	-0.01	0.00	0.00	0.00		ppb
Lithium	6-1				107		%
Magnesium	24-2	-6.23	-4.83	-5.74	-5.60		ppb
Manganese	55-2	-0.02	-0.04	-0.05	-0.04		ppb
Molybdenum	94-1	0.01	0.00	0.00	0.00	108.41	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	123.60	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00		ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00		ppb
Molybdenum	98-1	0.00	0.01	0.00	0.00	40.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.10	-0.08	-0.13	-0.10		ppb
Phosphorus	31-2	-12.00	-15.04	-17.47	-14.84		ppb
Potassium	39-2	-2.26	4.77	1.38	1.29	271.38	ppb
Rhodium	103-1				105		%
Rhodium	103-2				104		%
Scandium	45-1				105		%
Scandium	45-2				105		%
Selenium	82-1	-0.12	0.11	-0.11	-0.04		ppb
Selenium	77-2	-0.31	1.43	-0.31	0.27	369.72	ppb
Selenium	78-2	0.76	0.75	0.25	0.59	49.33	ppb
Silicon	28-1	0.81	0.53	0.90	0.75	25.56	ppb
Silver	107-1	0.00	0.00	0.00	0.00	80.06	ppb
Silver	109-1	0.00	0.00	0.00	0.00	18.23	ppb
Sodium	23-2	-2.97	-0.92	-2.43	-2.11		ppb
Strontium	86-1	-0.04	-0.04	-0.03	-0.04		ppb
Strontium	88-1	-0.03	-0.03	-0.03	-0.03		ppb
Sulfur	34-1	-784.35	-839.37	-769.86	-797.86		ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	0.01	0.01	0.01	0.01	37.44	ppb
Thallium	205-1	0.01	0.00	0.00	0.00	36.05	ppb
Tin	118-1	-0.01	-0.01	-0.02	-0.01		ppb
Titanium	47-1	-0.04	-0.06	-0.06	-0.05		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb

LB Number :

LB134674

Operator :

Jaswal

Lab Sample ID :

PB166317BL

Instrumnet Name :

P8

Client Sample ID :

PBW317

Dilution Factor :

1

Date & Time Acquired :

2025-02-11 14:25:40

DataFile Name :

026CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	0.00	0.00	0.00	388.11	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				105		%
Zinc	66-2	0.11	0.08	-0.02	0.06	120.33	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	37.00	ppb
Zirconium	91-1	0.00	0.00	0.00	0.00		ppb

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : PB166317BS Instrumnet Name : P8
Client Sample ID : LCS317 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 14:29:05 DataFile Name : 027LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	42.31	42.79	44.10	43.07	2.15	ppb
Antimony	121-1	4.26	4.25	4.41	4.30	2.03	ppb
Arsenic	75-2	2.23	2.25	1.98	2.16	7.12	ppb
Barium	135-1	20.53	20.66	21.20	20.80	1.72	ppb
Barium	137-1	21.16	20.98	21.35	21.17	0.86	ppb
Beryllium	9-1	2.13	2.13	2.13	2.13	0.04	ppb
Bismuth	209-1				102		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Cadmium	108-1	2.38	2.52	2.55	2.48	3.60	ppb
Cadmium	106-1	0.75	-0.04	0.50	0.41	99.68	ppb
Cadmium	111-1	2.10	2.06	2.11	2.09	1.21	ppb
Calcium	43-1	1088.25	1085.67	1107.36	1093.76	1.08	ppb
Calcium	44-1	1052.90	1079.72	1069.48	1067.37	1.27	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.96	4.01	3.96	3.98	0.68	ppb
Cobalt	59-2	2.20	2.19	2.18	2.19	0.59	ppb
Copper	63-2	4.52	4.52	4.49	4.51	0.43	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				103		%
Indium	115-1				103		%
Indium	115-2				104		%
Iron	54-2	434.99	440.43	442.39	439.27	0.87	ppb
Iron	56-2	431.43	431.64	432.54	431.87	0.14	ppb
Iron	57-2	424.58	435.20	425.04	428.27	1.40	ppb
Krypton	83-1						cps
Lead	206-1	2.00	1.99	2.00	2.00	0.16	ppb

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : PB166317BS Instrumnet Name : P8
Client Sample ID : LCS317 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 14:29:05 DataFile Name : 027LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2.07	2.02	2.01	2.04	1.75	ppb
Lead	208-1	2.03	2.01	1.99	2.01	0.82	ppb
Lithium	6-1				107		%
Magnesium	24-2	1006.20	1006.22	998.56	1003.66	0.44	ppb
Manganese	55-2	2.01	2.13	2.05	2.06	2.86	ppb
Molybdenum	94-1	11.84	11.98	12.10	11.97	1.07	ppb
Molybdenum	95-1	9.86	9.90	10.30	10.02	2.40	ppb
Molybdenum	96-1	10.20	10.35	10.47	10.34	1.29	ppb
Molybdenum	97-1	9.92	10.23	10.21	10.12	1.67	ppb
Molybdenum	98-1	9.81	10.04	10.34	10.06	2.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.08	2.01	2.06	2.05	1.62	ppb
Phosphorus	31-2	27.21	33.22	20.52	26.98	23.54	ppb
Potassium	39-2	1036.66	1027.66	1018.88	1027.73	0.87	ppb
Rhodium	103-1				106		%
Rhodium	103-2				104		%
Scandium	45-1				105		%
Scandium	45-2				108		%
Selenium	82-1	10.58	10.13	11.63	10.78	7.10	ppb
Selenium	77-2	10.30	6.79	11.19	9.43	24.71	ppb
Selenium	78-2	11.63	12.45	14.24	12.77	10.43	ppb
Silicon	28-1	23.48	24.72	24.85	24.35	3.10	ppb
Silver	107-1	2.08	2.16	2.19	2.15	2.67	ppb
Silver	109-1	2.13	2.16	2.18	2.15	1.21	ppb
Sodium	23-2	1069.85	1074.81	1064.19	1069.62	0.50	ppb
Strontium	86-1	1.91	2.10	2.03	2.01	4.72	ppb
Strontium	88-1	1.97	1.99	2.07	2.01	2.47	ppb
Sulfur	34-1	-1022.63	-878.23	-794.16	-898.34		ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	2.07	2.02	2.03	2.04	1.07	ppb
Thallium	205-1	2.04	2.03	2.03	2.03	0.37	ppb
Tin	118-1	10.58	10.68	10.81	10.69	1.09	ppb
Titanium	47-1	2.54	2.44	2.55	2.51	2.45	ppb
Uranium	238-1	1.87	1.88	1.87	1.87	0.31	ppb

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : PB166317BS Instrumnet Name : P8
Client Sample ID : LCS317 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 14:29:05 DataFile Name : 027LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	10.75	10.54	10.39	10.56	1.70	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				105		%
Zinc	66-2	10.33	10.49	10.33	10.38	0.87	ppb
Zirconium	90-1	1.98	2.03	2.05	2.02	1.81	ppb
Zirconium	91-1	1.97	1.99	1.98	1.98	0.42	ppb

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : Q1186-01 Instrumnet Name : P8
Client Sample ID : ME2948 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 14:32:25 DataFile Name : 028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7.88	8.23	7.75	7.95	3.10	ppb
Antimony	121-1	0.05	0.05	0.05	0.05	2.94	ppb
Arsenic	75-2	0.38	0.42	0.29	0.36	18.40	ppb
Barium	135-1	18.49	18.85	18.32	18.55	1.45	ppb
Barium	137-1	18.38	19.41	18.88	18.89	2.73	ppb
Beryllium	9-1	-0.01	0.00	-0.01	-0.01		ppb
Bismuth	209-1				93		%
Bismuth	209-2				93		%
Bromine	81-1						cps
Cadmium	108-1	0.05	0.02	0.04	0.04	38.81	ppb
Cadmium	106-1	-1.26	-0.50	-0.46	-0.74		ppb
Cadmium	111-1	-0.09	-0.04	-0.03	-0.06		ppb
Calcium	43-1	374945.38	382182.11	378143.76	378423.75	0.96	ppb
Calcium	44-1	369342.36	378084.91	371452.94	372960.07	1.22	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.46	0.48	0.37	0.44	13.37	ppb
Cobalt	59-2	0.02	0.02	0.03	0.02	11.96	ppb
Copper	63-2	-0.07	-0.07	-0.08	-0.07		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				100		%
Holmium	165-2				100		%
Indium	115-1				99		%
Indium	115-2				97		%
Iron	54-2	832.33	822.93	845.38	833.55	1.35	ppb
Iron	56-2	861.23	856.04	854.50	857.26	0.41	ppb
Iron	57-2	828.22	818.88	849.52	832.21	1.89	ppb
Krypton	83-1						cps
Lead	206-1	0.08	0.08	0.07	0.08	9.53	ppb

LB Number :	LB134674	Operator :	Jaswal
Lab Sample ID :	Q1186-01	Instrumnet Name :	P8
Client Sample ID :	ME2948	Dilution Factor :	1
Date & Time Acquired :	2025-02-11 14:32:25	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.08	0.09	0.08	0.08	8.32	ppb
Lead	208-1	0.09	0.09	0.08	0.08	5.00	ppb
Lithium	6-1				102		%
Magnesium	24-2	115372.05	114712.95	117417.01	115834.00	1.22	ppb
Manganese	55-2	29.45	28.85	30.14	29.48	2.19	ppb
Molybdenum	94-1	0.47	0.44	0.43	0.45	4.07	ppb
Molybdenum	95-1	0.35	0.38	0.37	0.37	3.43	ppb
Molybdenum	96-1	0.36	0.35	0.36	0.36	1.97	ppb
Molybdenum	97-1	0.38	0.35	0.39	0.37	5.75	ppb
Molybdenum	98-1	0.35	0.36	0.37	0.36	2.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.14	0.11	0.24	0.16	38.58	ppb
Phosphorus	31-2	-2.59	-7.24	-16.73	-8.85		ppb
Potassium	39-2	3592.20	3548.37	3600.33	3580.30	0.78	ppb
Rhodium	103-1				96		%
Rhodium	103-2				95		%
Scandium	45-1				101		%
Scandium	45-2				104		%
Selenium	82-1	0.48	0.75	1.15	0.80	41.92	ppb
Selenium	77-2	-0.31	0.60	-0.31	0.00		ppb
Selenium	78-2	0.26	0.00	1.35	0.54	134.40	ppb
Silicon	28-1	5575.50	5692.76	5550.32	5606.19	1.36	ppb
Silver	107-1	0.02	0.02	0.02	0.02	4.85	ppb
Silver	109-1	0.01	0.01	0.01	0.01	14.79	ppb
Sodium	23-2	31661.82	31845.38	32335.28	31947.49	1.09	ppb
Strontium	86-1	13988.20	13770.49	13947.12	13901.94	0.83	ppb
Strontium	88-1	14047.29	13802.44	13960.21	13936.65	0.89	ppb
Sulfur	34-1	405453.53	410350.89	405708.20	407170.87	0.68	ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	0.01	0.01	0.01	0.01	20.51	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	21.90	ppb
Tin	118-1	0.95	0.94	0.92	0.94	1.80	ppb
Titanium	47-1	0.44	0.50	0.52	0.49	9.27	ppb
Uranium	238-1	0.21	0.21	0.20	0.21	1.57	ppb

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : Q1186-01 Instrumnet Name : P8
Client Sample ID : ME2948 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 14:32:25 DataFile Name : 028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.09	0.11	0.11	0.11	11.23	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				102		%
Zinc	66-2	1.93	1.84	1.66	1.81	7.41	ppb
Zirconium	90-1	0.08	0.08	0.08	0.08	5.74	ppb
Zirconium	91-1	0.09	0.08	0.08	0.08	4.69	ppb

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : Q1159-01DL2X4 Instrumnet Name : P8
Client Sample ID : YE8C9 Dilution Factor : 4
Date & Time Acquired : 2025-02-11 14:35:40 DataFile Name : 029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6120.53	6733.47	6024.12	6292.71	6.11	ppb
Antimony	121-1	0.13	0.15	0.13	0.14	5.82	ppb
Arsenic	75-2	13.92	15.11	13.64	14.22	5.47	ppb
Barium	135-1	61.94	62.33	63.67	62.65	1.45	ppb
Barium	137-1	62.01	62.76	63.86	62.88	1.48	ppb
Beryllium	9-1	0.27	0.25	0.24	0.25	4.96	ppb
Bismuth	209-1				103		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Cadmium	108-1	0.13	0.18	0.11	0.14	26.71	ppb
Cadmium	106-1	-0.63	-0.53	-0.51	-0.56		ppb
Cadmium	111-1	-0.01	-0.01	0.01	0.00		ppb
Calcium	43-1	1553.81	1560.82	1605.62	1573.42	1.79	ppb
Calcium	44-1	1606.90	1581.39	1631.06	1606.45	1.55	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	14.31	15.63	14.08	14.67	5.69	ppb
Cobalt	59-2	7.95	8.73	7.82	8.17	6.04	ppb
Copper	63-2	27.02	30.02	26.35	27.80	7.03	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				99		%
Indium	115-1				104		%
Indium	115-2				97		%
Iron	54-2	17690.27	19473.78	17272.69	18145.58	6.44	ppb
Iron	56-2	17495.32	19344.66	16867.81	17902.59	7.19	ppb
Iron	57-2	17252.54	19015.37	16941.64	17736.52	6.31	ppb
Krypton	83-1						cps
Lead	206-1	6.72	6.71	6.90	6.78	1.55	ppb

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : Q1159-01DL2X4 Instrumnet Name : P8
Client Sample ID : YE8C9 Dilution Factor : 4
Date & Time Acquired : 2025-02-11 14:35:40 DataFile Name : 029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	6.39	6.34	6.45	6.39	0.81	ppb
Lead	208-1	6.50	6.44	6.63	6.52	1.51	ppb
Lithium	6-1				108		%
Magnesium	24-2	2970.90	3304.07	2915.53	3063.50	6.86	ppb
Manganese	55-2	131.55	143.90	127.23	134.23	6.45	ppb
Molybdenum	94-1	0.53	0.82	2.08	1.14	72.07	ppb
Molybdenum	95-1	0.20	0.22	0.21	0.21	4.27	ppb
Molybdenum	96-1	0.27	0.25	0.27	0.26	4.03	ppb
Molybdenum	97-1	0.21	0.21	0.23	0.22	6.08	ppb
Molybdenum	98-1	0.22	0.20	0.21	0.21	3.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	20.62	22.58	20.09	21.09	6.22	ppb
Phosphorus	31-2	184.17	167.87	147.01	166.35	11.20	ppb
Potassium	39-2	177.62	205.22	202.41	195.09	7.79	ppb
Rhodium	103-1				105		%
Rhodium	103-2				98		%
Scandium	45-1				106		%
Scandium	45-2				101		%
Selenium	82-1	-0.01	0.07	0.21	0.09	122.26	ppb
Selenium	77-2	9.64	3.72	6.72	6.69	44.24	ppb
Selenium	78-2	2.11	0.61	1.27	1.33	56.40	ppb
Silicon	28-1	2264.31	2262.80	2400.82	2309.31	3.43	ppb
Silver	107-1	0.10	0.09	0.10	0.10	5.14	ppb
Silver	109-1	0.10	0.10	0.10	0.10	3.02	ppb
Sodium	23-2	38.00	55.69	35.00	42.90	26.06	ppb
Strontium	86-1	13.93	13.78	14.17	13.96	1.42	ppb
Strontium	88-1	13.82	13.83	14.31	13.99	2.00	ppb
Sulfur	34-1	-472.09	-658.16	-433.60	-521.28		ppb
Terbium	159-1				105		%
Terbium	159-2				98		%
Thallium	203-1	0.06	0.05	0.05	0.05	9.18	ppb
Thallium	205-1	0.05	0.05	0.05	0.05	5.32	ppb
Tin	118-1	0.01	-0.02	-0.02	-0.01		ppb
Titanium	47-1	4.39	6.02	6.02	5.48	17.21	ppb
Uranium	238-1	0.11	0.11	0.11	0.11	0.72	ppb

LB Number :

LB134674

Operator :

Jaswal

Lab Sample ID :

Q1159-01DL2X4

Instrumnet Name :

P8

Client Sample ID :

YE8C9

Dilution Factor :

4

Date & Time Acquired :

2025-02-11 14:35:40

DataFile Name :

029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	17.20	19.14	17.03	17.79	6.60	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				100		%
Zinc	66-2	37.30	41.40	34.96	37.89	8.60	ppb
Zirconium	90-1	0.22	0.19	0.24	0.22	10.97	ppb
Zirconium	91-1	0.18	0.21	0.23	0.21	10.23	ppb

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : Q1159-02DL2X4 Instrumnet Name : P8
Client Sample ID : YE8C9D Dilution Factor : 4
Date & Time Acquired : 2025-02-11 14:38:57 DataFile Name : 030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5782.66	5937.85	6258.60	5993.04	4.05	ppb
Antimony	121-1	0.13	0.13	0.13	0.13	1.45	ppb
Arsenic	75-2	13.13	13.62	13.23	13.33	1.95	ppb
Barium	135-1	59.91	61.64	61.84	61.13	1.74	ppb
Barium	137-1	59.87	62.10	62.30	61.42	2.20	ppb
Beryllium	9-1	0.26	0.24	0.25	0.25	3.35	ppb
Bismuth	209-1				105		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Cadmium	108-1	0.14	0.09	0.13	0.12	21.58	ppb
Cadmium	106-1	-1.18	-0.49	-0.05	-0.57		ppb
Cadmium	111-1	-0.05	0.01	0.05	0.00	1589.24	ppb
Calcium	43-1	1497.54	1518.41	1499.20	1505.05	0.77	ppb
Calcium	44-1	1531.91	1587.68	1524.09	1547.89	2.24	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	13.41	13.71	14.25	13.79	3.11	ppb
Cobalt	59-2	7.60	7.77	8.14	7.84	3.53	ppb
Copper	63-2	25.87	26.34	27.68	26.63	3.52	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				102		%
Indium	115-1				107		%
Indium	115-2				102		%
Iron	54-2	17128.44	17166.35	17876.01	17390.27	2.42	ppb
Iron	56-2	16652.95	16717.50	17607.67	16992.71	3.14	ppb
Iron	57-2	16193.05	16623.95	17514.74	16777.25	4.02	ppb
Krypton	83-1						cps
Lead	206-1	6.25	6.29	6.45	6.33	1.69	ppb

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : Q1159-02DL2X4 Instrumnet Name : P8
Client Sample ID : YE8C9D Dilution Factor : 4
Date & Time Acquired : 2025-02-11 14:38:57 DataFile Name : 030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	5.88	5.98	6.04	5.97	1.37	ppb
Lead	208-1	5.99	6.08	6.18	6.09	1.57	ppb
Lithium	6-1				107		%
Magnesium	24-2	2807.75	2860.61	3024.39	2897.58	3.90	ppb
Manganese	55-2	123.72	126.12	131.82	127.22	3.27	ppb
Molybdenum	94-1	0.48	0.50	0.49	0.49	2.69	ppb
Molybdenum	95-1	0.19	0.20	0.19	0.19	1.64	ppb
Molybdenum	96-1	0.39	0.24	0.24	0.29	29.64	ppb
Molybdenum	97-1	0.19	0.18	0.20	0.19	4.94	ppb
Molybdenum	98-1	0.18	0.21	0.19	0.19	7.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	19.42	19.45	21.18	20.01	5.03	ppb
Phosphorus	31-2	127.15	164.37	172.30	154.61	15.59	ppb
Potassium	39-2	159.33	164.65	181.12	168.37	6.75	ppb
Rhodium	103-1				107		%
Rhodium	103-2				104		%
Scandium	45-1				109		%
Scandium	45-2				106		%
Selenium	82-1	0.71	0.14	0.67	0.51	62.04	ppb
Selenium	77-2	9.29	4.95	4.27	6.17	44.18	ppb
Selenium	78-2	2.28	1.52	3.21	2.34	36.11	ppb
Silicon	28-1	2412.98	2281.59	2251.33	2315.30	3.71	ppb
Silver	107-1	0.07	0.08	0.09	0.08	10.45	ppb
Silver	109-1	0.08	0.08	0.08	0.08	1.56	ppb
Sodium	23-2	26.02	27.70	37.00	30.24	19.56	ppb
Strontium	86-1	12.73	13.29	13.23	13.08	2.36	ppb
Strontium	88-1	12.92	13.42	13.19	13.18	1.89	ppb
Sulfur	34-1	-1081.76	-1034.96	-1116.36	-1077.69		ppb
Terbium	159-1				106		%
Terbium	159-2				101		%
Thallium	203-1	0.04	0.04	0.05	0.04	10.09	ppb
Thallium	205-1	0.04	0.04	0.04	0.04	8.37	ppb
Tin	118-1	-0.02	-0.03	-0.03	-0.03		ppb
Titanium	47-1	3.65	5.44	3.86	4.32	22.70	ppb
Uranium	238-1	0.10	0.11	0.30	0.17	65.55	ppb

LB Number :

LB134674

Operator :

Jaswal

Lab Sample ID :

Q1159-02DL2X4

Instrumnet Name :

P8

Client Sample ID :

YE8C9D

Dilution Factor :

4

Date & Time Acquired :

2025-02-11 14:38:57

DataFile Name :

030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	16.53	16.81	17.83	17.06	4.03	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				105		%
Zinc	66-2	35.42	35.57	37.40	36.13	3.05	ppb
Zirconium	90-1	0.52	0.18	0.20	0.30	63.48	ppb
Zirconium	91-1	0.21	0.19	0.17	0.19	10.60	ppb

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : Q1159-01LDL2X20 Instrumnet Name : P8
Client Sample ID : YE8C9L Dilution Factor : 20
Date & Time Acquired : 2025-02-11 14:42:16 DataFile Name : 031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1185.86	1170.09	1181.89	1179.28	0.70	ppb
Antimony	121-1	0.03	0.03	0.03	0.03	3.62	ppb
Arsenic	75-2	2.72	2.86	2.88	2.82	3.14	ppb
Barium	135-1	12.27	12.56	12.20	12.34	1.54	ppb
Barium	137-1	12.72	12.45	12.14	12.43	2.35	ppb
Beryllium	9-1	0.05	0.05	0.04	0.05	12.60	ppb
Bismuth	209-1				103		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Cadmium	108-1	0.03	0.04	0.05	0.04	24.26	ppb
Cadmium	106-1	-0.57	-1.17	-1.07	-0.94		ppb
Cadmium	111-1	-0.04	-0.08	-0.08	-0.07		ppb
Calcium	43-1	309.95	313.56	312.82	312.11	0.61	ppb
Calcium	44-1	300.54	308.19	301.31	303.34	1.39	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.76	2.74	2.81	2.77	1.32	ppb
Cobalt	59-2	1.52	1.47	1.54	1.51	2.51	ppb
Copper	63-2	5.15	4.97	5.19	5.11	2.25	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				104		%
Indium	115-1				106		%
Indium	115-2				103		%
Iron	54-2	3396.72	3295.62	3391.22	3361.19	1.69	ppb
Iron	56-2	3430.21	3340.32	3394.33	3388.29	1.34	ppb
Iron	57-2	3362.70	3314.57	3327.66	3334.98	0.75	ppb
Krypton	83-1						cps
Lead	206-1	1.25	1.28	1.27	1.27	1.06	ppb

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : Q1159-01LDL2X20 Instrumnet Name : P8
Client Sample ID : YE8C9L Dilution Factor : 20
Date & Time Acquired : 2025-02-11 14:42:16 DataFile Name : 031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	1.21	1.20	1.21	1.20	0.64	ppb
Lead	208-1	1.23	1.23	1.24	1.24	0.47	ppb
Lithium	6-1				106		%
Magnesium	24-2	574.27	562.38	569.19	568.62	1.05	ppb
Manganese	55-2	25.08	24.98	25.37	25.15	0.81	ppb
Molybdenum	94-1	0.13	0.09	0.08	0.10	26.45	ppb
Molybdenum	95-1	0.04	0.04	0.04	0.04	4.71	ppb
Molybdenum	96-1	0.05	0.05	0.05	0.05	0.98	ppb
Molybdenum	97-1	0.03	0.03	0.04	0.03	13.73	ppb
Molybdenum	98-1	0.04	0.04	0.04	0.04	5.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.04	3.83	3.94	3.94	2.62	ppb
Phosphorus	31-2	31.46	9.79	12.80	18.01	65.18	ppb
Potassium	39-2	34.81	34.61	35.99	35.14	2.12	ppb
Rhodium	103-1				107		%
Rhodium	103-2				104		%
Scandium	45-1				107		%
Scandium	45-2				107		%
Selenium	82-1	-0.10	0.21	0.05	0.06	273.95	ppb
Selenium	77-2	1.43	1.46	-0.31	0.86	117.73	ppb
Selenium	78-2	0.74	-0.01	0.24	0.32	118.89	ppb
Silicon	28-1	456.61	463.09	460.45	460.05	0.71	ppb
Silver	107-1	0.02	0.02	0.01	0.02	19.40	ppb
Silver	109-1	0.01	0.02	0.02	0.02	8.13	ppb
Sodium	23-2	8.58	5.59	6.63	6.93	21.92	ppb
Strontium	86-1	2.62	2.58	2.72	2.64	2.67	ppb
Strontium	88-1	2.71	2.66	2.69	2.68	0.85	ppb
Sulfur	34-1	-861.10	-781.07	-978.68	-873.61		ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	0.01	0.01	0.01	0.01	31.18	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	16.17	ppb
Tin	118-1	-0.07	-0.06	-0.06	-0.06		ppb
Titanium	47-1	0.67	1.38	0.76	0.94	41.10	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	5.48	ppb

LB Number :

LB134674

Operator :

Jaswal

Lab Sample ID :

Q1159-01LDL2X20

Instrumnet Name :

P8

Client Sample ID :

YE8C9L

Dilution Factor :

20

Date & Time Acquired :

2025-02-11 14:42:16

DataFile Name :

031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	3.37	3.30	3.24	3.30	1.95	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				106		%
Zinc	66-2	7.26	7.44	7.64	7.45	2.56	ppb
Zirconium	90-1	0.03	0.04	0.05	0.04	17.19	ppb
Zirconium	91-1	0.04	0.03	0.05	0.04	24.86	ppb

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : Q1159-03DL2X4 Instrumnet Name : P8
Client Sample ID : YE8C9S Dilution Factor : 4
Date & Time Acquired : 2025-02-11 14:45:35 DataFile Name : 032AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5861.59	5939.44	5911.28	5904.10	0.67	ppb
Antimony	121-1	5.33	5.38	5.40	5.37	0.67	ppb
Arsenic	75-2	15.75	15.82	16.65	16.08	3.10	ppb
Barium	135-1	157.52	161.28	161.89	160.23	1.48	ppb
Barium	137-1	162.49	162.13	160.43	161.68	0.68	ppb
Beryllium	9-1	2.72	2.68	2.68	2.69	0.75	ppb
Bismuth	209-1				102		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Cadmium	108-1	2.58	2.82	2.56	2.65	5.44	ppb
Cadmium	106-1	1.83	1.61	1.65	1.70	7.04	ppb
Cadmium	111-1	2.69	2.64	2.54	2.62	2.89	ppb
Calcium	43-1	1735.13	1761.32	1756.07	1750.84	0.79	ppb
Calcium	44-1	1681.63	1743.82	1689.34	1704.93	1.99	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	23.10	23.66	23.50	23.42	1.22	ppb
Cobalt	59-2	32.49	32.92	33.12	32.84	0.99	ppb
Copper	63-2	38.13	38.68	38.72	38.51	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				104		%
Holmium	165-2				104		%
Indium	115-1				105		%
Indium	115-2				103		%
Iron	54-2	17011.13	17097.42	17037.73	17048.76	0.26	ppb
Iron	56-2	16430.19	16967.92	16656.89	16685.00	1.62	ppb
Iron	57-2	16160.89	16417.63	16404.64	16327.72	0.89	ppb
Krypton	83-1						cps
Lead	206-1	7.31	7.43	7.31	7.35	0.95	ppb

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : Q1159-03DL2X4 Instrumnet Name : P8
Client Sample ID : YE8C9S Dilution Factor : 4
Date & Time Acquired : 2025-02-11 14:45:35 DataFile Name : 032AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	6.92	6.93	6.95	6.93	0.21	ppb
Lead	208-1	7.04	7.12	7.10	7.09	0.59	ppb
Lithium	6-1				108		%
Magnesium	24-2	2796.90	2853.05	2845.39	2831.78	1.08	ppb
Manganese	55-2	146.05	149.86	147.88	147.93	1.29	ppb
Molybdenum	94-1	21.19	21.60	21.79	21.53	1.43	ppb
Molybdenum	95-1	25.00	25.52	25.84	25.45	1.66	ppb
Molybdenum	96-1	24.67	25.60	25.07	25.11	1.87	ppb
Molybdenum	97-1	25.61	25.99	25.99	25.86	0.85	ppb
Molybdenum	98-1	25.04	25.68	25.66	25.46	1.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	44.57	45.10	45.63	45.10	1.17	ppb
Phosphorus	31-2	145.62	150.27	131.23	142.37	6.97	ppb
Potassium	39-2	159.20	163.31	162.03	161.51	1.30	ppb
Rhodium	103-1				106		%
Rhodium	103-2				103		%
Scandium	45-1				108		%
Scandium	45-2				107		%
Selenium	82-1	0.98	1.25	1.08	1.11	12.34	ppb
Selenium	77-2	8.18	8.50	7.64	8.10	5.37	ppb
Selenium	78-2	4.45	1.28	2.83	2.85	55.68	ppb
Silicon	28-1	2289.32	2274.59	2256.08	2273.33	0.73	ppb
Silver	107-1	2.54	2.56	2.60	2.57	1.18	ppb
Silver	109-1	2.53	2.56	2.59	2.56	1.25	ppb
Sodium	23-2	23.02	25.35	24.77	24.38	4.99	ppb
Strontium	86-1	505.30	516.54	514.22	512.02	1.16	ppb
Strontium	88-1	498.56	503.13	503.41	501.70	0.54	ppb
Sulfur	34-1	-944.73	-1030.80	-1124.20	-1033.24		ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	2.44	2.46	2.43	2.45	0.73	ppb
Thallium	205-1	2.45	2.47	2.48	2.47	0.64	ppb
Tin	118-1	-0.02	-0.02	-0.03	-0.03		ppb
Titanium	47-1	4.66	4.19	3.91	4.25	8.81	ppb
Uranium	238-1	0.11	0.11	0.11	0.11	0.98	ppb

LB Number :

LB134674

Operator :

Jaswal

Lab Sample ID :

Q1159-03DL2X4

Instrumnet Name :

P8

Client Sample ID :

YE8C9S

Dilution Factor :

4

Date & Time Acquired :

2025-02-11 14:45:35

DataFile Name :

032AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	40.38	41.14	41.46	40.99	1.35	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				107		%
Zinc	66-2	59.73	60.48	60.43	60.21	0.69	ppb
Zirconium	90-1	0.27	0.20	0.17	0.21	23.51	ppb
Zirconium	91-1	0.31	0.21	0.19	0.24	27.93	ppb

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : CCV022 Instrumnet Name : P8
Client Sample ID : CCV022 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 14:50:23 DataFile Name : 033CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49473.08	50852.87	49571.92	49965.96	1.54	ppb
Antimony	121-1	500.02	494.86	504.80	499.89	0.99	ppb
Arsenic	75-2	487.40	491.14	504.57	494.37	1.83	ppb
Barium	135-1	2496.16	2493.42	2549.64	2513.07	1.26	ppb
Barium	137-1	2501.67	2474.06	2558.13	2511.29	1.71	ppb
Beryllium	9-1	500.52	507.65	513.65	507.27	1.30	ppb
Bismuth	209-1				89		%
Bismuth	209-2				88		%
Bromine	81-1						cps
Cadmium	108-1	490.12	489.13	497.07	492.11	0.88	ppb
Cadmium	106-1	485.95	486.92	498.25	490.38	1.40	ppb
Cadmium	111-1	494.44	489.39	489.82	491.22	0.57	ppb
Calcium	43-1	251891.84	256836.15	257808.16	255512.05	1.24	ppb
Calcium	44-1	251129.51	254691.67	258252.44	254691.21	1.40	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	494.07	509.62	501.30	501.66	1.55	ppb
Cobalt	59-2	483.63	500.88	494.21	492.91	1.76	ppb
Copper	63-2	4675.94	4785.34	4839.99	4767.09	1.75	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				98		%
Indium	115-1				94		%
Indium	115-2				92		%
Iron	54-2	126998.97	126869.85	126346.19	126738.34	0.27	ppb
Iron	56-2	124234.33	124820.26	126837.43	125297.34	1.09	ppb
Iron	57-2	123184.09	125502.80	128336.49	125674.46	2.05	ppb
Krypton	83-1						cps
Lead	206-1	2522.20	2536.34	2554.74	2537.76	0.64	ppb

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : CCV022 Instrumnet Name : P8
Client Sample ID : CCV022 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 14:50:23 DataFile Name : 033CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2504.87	2554.04	2554.47	2537.79	1.12	ppb
Lead	208-1	2510.03	2528.91	2567.73	2535.56	1.16	ppb
Lithium	6-1				95		%
Magnesium	24-2	248488.64	254072.12	251785.19	251448.65	1.12	ppb
Manganese	55-2	4907.71	4910.09	4980.29	4932.70	0.84	ppb
Molybdenum	94-1	4970.75	5022.10	5000.65	4997.83	0.52	ppb
Molybdenum	95-1	4889.76	5034.01	5021.77	4981.85	1.61	ppb
Molybdenum	96-1	5018.54	4996.00	5009.63	5008.06	0.23	ppb
Molybdenum	97-1	5003.00	4979.73	5046.74	5009.82	0.68	ppb
Molybdenum	98-1	4948.35	4974.32	5009.33	4977.33	0.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	454.13	461.18	465.59	460.30	1.26	ppb
Phosphorus	31-2	10071.28	10178.72	10008.37	10086.12	0.85	ppb
Potassium	39-2	124622.77	124504.20	124051.56	124392.84	0.24	ppb
Rhodium	103-1				92		%
Rhodium	103-2				91		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	82-1	487.62	482.38	487.99	486.00	0.64	ppb
Selenium	77-2	488.48	506.20	518.79	504.49	3.02	ppb
Selenium	78-2	497.94	509.27	484.95	497.39	2.45	ppb
Silicon	28-1	495.28	503.58	512.53	503.80	1.71	ppb
Silver	107-1	479.98	485.27	491.56	485.60	1.19	ppb
Silver	109-1	482.97	480.11	492.81	485.30	1.37	ppb
Sodium	23-2	255912.08	259221.77	262756.68	259296.84	1.32	ppb
Strontium	86-1	504.63	506.68	504.67	505.33	0.23	ppb
Strontium	88-1	495.14	501.11	501.71	499.32	0.73	ppb
Sulfur	34-1	9714.57	9591.88	9677.16	9661.20	0.65	ppb
Terbium	159-1				99		%
Terbium	159-2				96		%
Thallium	203-1	513.72	509.84	519.45	514.34	0.94	ppb
Thallium	205-1	505.56	503.58	514.11	507.75	1.10	ppb
Tin	118-1	494.57	492.56	511.79	499.64	2.12	ppb
Titanium	47-1	4907.00	4955.37	5009.43	4957.26	1.03	ppb
Uranium	238-1	502.77	501.12	520.47	508.12	2.11	ppb

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : CCV022 Instrumnet Name : P8
Client Sample ID : CCV022 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 14:50:23 DataFile Name : 033CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	490.40	493.86	496.20	493.49	0.59	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				100		%
Zinc	66-2	4799.76	4821.03	4892.93	4837.91	1.01	ppb
Zirconium	90-1	496.36	506.21	506.57	503.04	1.15	ppb
Zirconium	91-1	492.65	513.94	511.09	505.90	2.28	ppb

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : CCB022 Instrumnet Name : P8
Client Sample ID : CCB022 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 14:53:49 DataFile Name : 034CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.21	0.35	0.53	0.37	43.41	ppb
Antimony	121-1	0.11	0.10	0.09	0.10	9.96	ppb
Arsenic	75-2	-0.02	-0.02	0.01	-0.01		ppb
Barium	135-1	0.06	0.04	0.03	0.04	40.70	ppb
Barium	137-1	0.09	0.05	0.05	0.07	31.20	ppb
Beryllium	9-1	0.10	0.09	0.09	0.09	9.24	ppb
Bismuth	209-1				103		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Cadmium	108-1	0.07	0.03	0.11	0.07	62.70	ppb
Cadmium	106-1	-2.03	-0.94	-2.09	-1.69		ppb
Cadmium	111-1	-0.15	-0.05	-0.14	-0.11		ppb
Calcium	43-1	4.61	4.53	3.57	4.24	13.59	ppb
Calcium	44-1	1.47	-1.02	-1.53	-0.36		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.02	0.02	0.01	0.00	656.28	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	-0.08	-0.05	-0.04	-0.06		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				102		%
Holmium	165-2				102		%
Indium	115-1				104		%
Indium	115-2				102		%
Iron	54-2	2.58	2.55	2.44	2.52	2.88	ppb
Iron	56-2	2.08	2.16	1.88	2.04	6.95	ppb
Iron	57-2	1.85	2.24	2.46	2.18	14.30	ppb
Krypton	83-1						cps
Lead	206-1	0.13	0.11	0.12	0.12	8.23	ppb

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : CCB022 Instrumnet Name : P8
Client Sample ID : CCB022 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 14:53:49 DataFile Name : 034CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.14	0.11	0.11	0.12	11.70	ppb
Lead	208-1	0.14	0.12	0.11	0.12	13.58	ppb
Lithium	6-1				105		%
Magnesium	24-2	-7.64	-8.31	-7.42	-7.79		ppb
Manganese	55-2	0.09	0.09	0.12	0.10	13.07	ppb
Molybdenum	94-1	0.17	0.10	0.11	0.13	29.44	ppb
Molybdenum	95-1	0.17	0.11	0.12	0.13	23.74	ppb
Molybdenum	96-1	0.16	0.13	0.10	0.13	25.47	ppb
Molybdenum	97-1	0.15	0.12	0.09	0.12	23.51	ppb
Molybdenum	98-1	0.17	0.13	0.10	0.13	27.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.17	0.19	0.28	0.21	27.26	ppb
Phosphorus	31-2	-15.11	-16.37	-11.62	-14.36		ppb
Potassium	39-2	9.76	10.98	8.69	9.81	11.67	ppb
Rhodium	103-1				106		%
Rhodium	103-2				104		%
Scandium	45-1				105		%
Scandium	45-2				105		%
Selenium	82-1	0.26	0.08	0.44	0.26	69.22	ppb
Selenium	77-2	-0.31	0.57	-0.31	-0.02		ppb
Selenium	78-2	-0.27	0.50	1.56	0.60	154.39	ppb
Silicon	28-1	0.36	0.17	0.21	0.25	40.52	ppb
Silver	107-1	0.04	0.03	0.02	0.03	21.86	ppb
Silver	109-1	0.05	0.04	0.03	0.04	21.61	ppb
Sodium	23-2	20.93	20.89	19.72	20.51	3.38	ppb
Strontium	86-1	-0.03	-0.03	-0.04	-0.03		ppb
Strontium	88-1	-0.02	-0.02	-0.02	-0.02		ppb
Sulfur	34-1	-948.11	-935.85	-935.81	-939.92		ppb
Terbium	159-1				104		%
Terbium	159-2				100		%
Thallium	203-1	0.04	0.03	0.03	0.03	9.60	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	14.66	ppb
Tin	118-1	0.01	0.01	0.01	0.01	28.03	ppb
Titanium	47-1	0.08	0.06	0.05	0.06	23.17	ppb
Uranium	238-1	0.01	0.01	0.00	0.01	49.94	ppb

LB Number :

LB134674

Operator :

Jaswal

Lab Sample ID :

CCB022

Instrumnet Name :

P8

Client Sample ID :

CCB022

Dilution Factor :

1

Date & Time Acquired :

2025-02-11 14:53:49

DataFile Name :

034CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	0.01	0.00	0.00	176.56	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				105		%
Zinc	66-2	0.23	0.12	0.15	0.17	33.12	ppb
Zirconium	90-1	0.01	0.02	0.01	0.01	29.26	ppb
Zirconium	91-1	0.02	0.02	0.00	0.01	78.92	ppb

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : Q1204-01A Instrumnet Name : P8
Client Sample ID : ME2975A Dilution Factor : 1
Date & Time Acquired : 2025-02-11 15:21:55 DataFile Name : 035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10.24	10.40	11.98	10.87	8.83	ppb
Antimony	121-1	0.10	0.09	0.09	0.09	6.89	ppb
Arsenic	75-2	2.13	2.11	2.63	2.29	12.95	ppb
Barium	135-1	108.03	108.11	107.81	107.99	0.14	ppb
Barium	137-1	109.10	108.82	110.26	109.39	0.70	ppb
Beryllium	9-1	-0.01	0.00	0.00	0.00		ppb
Bismuth	209-1				101		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Cadmium	108-1	0.16	0.14	0.18	0.16	12.06	ppb
Cadmium	106-1	-1.29	-0.84	-1.27	-1.14		ppb
Cadmium	111-1	-0.09	-0.06	-0.09	-0.08		ppb
Calcium	43-1	179150.66	182068.35	180787.96	180668.99	0.81	ppb
Calcium	44-1	175066.85	176442.35	173722.09	175077.10	0.78	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.56	0.62	0.60	0.59	4.97	ppb
Cobalt	59-2	0.22	0.23	0.24	0.23	4.83	ppb
Copper	63-2	0.13	0.12	0.11	0.12	5.93	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				103		%
Indium	115-1				104		%
Indium	115-2				102		%
Iron	54-2	678.60	686.20	694.65	686.48	1.17	ppb
Iron	56-2	686.37	697.54	703.91	695.94	1.28	ppb
Iron	57-2	682.70	680.93	685.44	683.02	0.33	ppb
Krypton	83-1						cps
Lead	206-1	0.21	0.15	0.12	0.16	26.25	ppb

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : Q1204-01A Instrumnet Name : P8
Client Sample ID : ME2975A Dilution Factor : 1
Date & Time Acquired : 2025-02-11 15:21:55 DataFile Name : 035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.19	0.18	0.13	0.17	20.95	ppb
Lead	208-1	0.20	0.17	0.13	0.17	22.07	ppb
Lithium	6-1				104		%
Magnesium	24-2	43606.28	44430.14	43271.05	43769.15	1.36	ppb
Manganese	55-2	49.17	50.25	49.46	49.63	1.13	ppb
Molybdenum	94-1	5.02	5.05	5.06	5.04	0.46	ppb
Molybdenum	95-1	5.84	5.84	5.75	5.81	0.86	ppb
Molybdenum	96-1	5.66	5.77	5.65	5.69	1.12	ppb
Molybdenum	97-1	5.78	5.85	5.89	5.84	0.97	ppb
Molybdenum	98-1	5.85	5.84	5.79	5.83	0.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.95	1.96	2.01	1.97	1.49	ppb
Phosphorus	31-2	49.76	35.70	43.70	43.05	16.38	ppb
Potassium	39-2	4300.19	4348.13	4316.28	4321.53	0.56	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				107		%
Scandium	45-2				107		%
Selenium	82-1	11.52	12.15	11.82	11.83	2.65	ppb
Selenium	77-2	9.36	19.10	11.13	13.20	39.33	ppb
Selenium	78-2	15.43	11.87	13.64	13.65	13.02	ppb
Silicon	28-1	7453.11	7604.85	7598.33	7552.10	1.14	ppb
Silver	107-1	0.00	0.01	0.00	0.00	29.00	ppb
Silver	109-1	0.00	0.00	0.00	0.00	58.84	ppb
Sodium	23-2	12723.72	13097.06	12758.02	12859.60	1.60	ppb
Strontium	86-1	17077.03	17056.06	16677.67	16936.92	1.33	ppb
Strontium	88-1	16711.54	17045.88	16533.99	16763.80	1.55	ppb
Sulfur	34-1	134369.39	135378.97	136554.16	135434.17	0.81	ppb
Terbium	159-1				106		%
Terbium	159-2				102		%
Thallium	203-1	0.02	0.02	0.01	0.02	23.52	ppb
Thallium	205-1	0.02	0.02	0.01	0.02	36.34	ppb
Tin	118-1	0.00	-0.01	-0.02	-0.01		ppb
Titanium	47-1	0.61	0.69	0.67	0.66	6.23	ppb
Uranium	238-1	1.57	1.59	1.54	1.57	1.64	ppb

LB Number :

LB134674

Operator :

Jaswal

Lab Sample ID :

Q1204-01A

Instrumnet Name :

P8

Client Sample ID :

ME2975A

Dilution Factor :

1

Date & Time Acquired :

2025-02-11 15:21:55

DataFile Name :

035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.80	0.82	0.81	0.81	1.18	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				105		%
Zinc	66-2	0.61	0.62	0.74	0.66	11.69	ppb
Zirconium	90-1	0.12	0.12	0.12	0.12	1.94	ppb
Zirconium	91-1	0.12	0.12	0.11	0.12	2.29	ppb

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : Q1245-09A Instrumnet Name : P8
Client Sample ID : A6335A Dilution Factor : 1
Date & Time Acquired : 2025-02-11 15:25:11 DataFile Name : 036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1362.80	1360.08	1372.02	1364.97	0.46	ppb
Antimony	121-1	0.08	0.08	0.08	0.08	3.73	ppb
Arsenic	75-2	2.04	2.41	2.54	2.33	11.03	ppb
Barium	135-1	21.97	21.47	21.33	21.59	1.57	ppb
Barium	137-1	21.94	21.75	22.06	21.92	0.72	ppb
Beryllium	9-1	0.07	0.07	0.07	0.07	2.50	ppb
Bismuth	209-1				99		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Cadmium	108-1	0.13	0.13	0.04	0.10	53.60	ppb
Cadmium	106-1	-0.71	-1.07	-1.00	-0.92		ppb
Cadmium	111-1	0.00	-0.05	0.00	-0.02		ppb
Calcium	43-1	11112.39	11046.38	11212.27	11123.68	0.75	ppb
Calcium	44-1	11028.71	11076.70	11099.48	11068.30	0.33	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.87	2.81	2.84	2.84	1.11	ppb
Cobalt	59-2	0.80	0.81	0.81	0.80	0.91	ppb
Copper	63-2	1.71	1.77	1.75	1.74	1.86	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				102		%
Indium	115-1				102		%
Indium	115-2				101		%
Iron	54-2	2204.76	2206.32	2214.67	2208.58	0.24	ppb
Iron	56-2	2241.21	2263.94	2254.25	2253.13	0.51	ppb
Iron	57-2	2185.60	2216.51	2188.68	2196.93	0.78	ppb
Krypton	83-1						cps
Lead	206-1	4.88	4.76	4.89	4.84	1.45	ppb

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : Q1245-09A Instrumnet Name : P8
Client Sample ID : A6335A Dilution Factor : 1
Date & Time Acquired : 2025-02-11 15:25:11 DataFile Name : 036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	4.64	4.59	4.72	4.65	1.45	ppb
Lead	208-1	4.74	4.67	4.77	4.72	1.13	ppb
Lithium	6-1				103		%
Magnesium	24-2	2569.55	2579.51	2591.66	2580.24	0.43	ppb
Manganese	55-2	396.30	401.81	398.59	398.90	0.69	ppb
Molybdenum	94-1	0.29	0.28	0.26	0.28	6.39	ppb
Molybdenum	95-1	0.18	0.18	0.19	0.18	2.51	ppb
Molybdenum	96-1	0.20	0.19	0.19	0.19	1.89	ppb
Molybdenum	97-1	0.19	0.19	0.18	0.19	1.41	ppb
Molybdenum	98-1	0.18	0.17	0.18	0.18	0.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.10	2.24	2.20	2.18	3.45	ppb
Phosphorus	31-2	106.83	138.40	112.97	119.40	14.02	ppb
Potassium	39-2	2317.60	2346.35	2349.33	2337.76	0.75	ppb
Rhodium	103-1				103		%
Rhodium	103-2				101		%
Scandium	45-1				105		%
Scandium	45-2				104		%
Selenium	82-1	13.02	12.87	12.32	12.74	2.91	ppb
Selenium	77-2	14.81	13.12	18.08	15.34	16.43	ppb
Selenium	78-2	10.14	12.31	15.34	12.60	20.72	ppb
Silicon	28-1	4262.71	4073.27	4215.02	4183.67	2.36	ppb
Silver	107-1	0.01	0.01	0.01	0.01	13.22	ppb
Silver	109-1	0.01	0.01	0.01	0.01	16.81	ppb
Sodium	23-2	28561.38	28939.09	28728.74	28743.07	0.66	ppb
Strontium	86-1	56.08	56.95	55.68	56.24	1.16	ppb
Strontium	88-1	58.63	58.46	57.63	58.24	0.93	ppb
Sulfur	34-1	3374.32	3162.55	3233.78	3256.89	3.31	ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	0.03	0.03	0.03	0.03	9.79	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	3.74	ppb
Tin	118-1	0.18	0.20	0.18	0.19	5.82	ppb
Titanium	47-1	48.66	48.85	49.72	49.08	1.15	ppb
Uranium	238-1	0.14	0.14	0.14	0.14	0.70	ppb

LB Number :

LB134674

Operator :

Jaswal

Lab Sample ID :

Q1245-09A

Instrumnet Name :

P8

Client Sample ID :

A6335A

Dilution Factor :

1

Date & Time Acquired :

2025-02-11 15:25:11

DataFile Name :

036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	2.46	2.69	2.59	2.58	4.46	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				103		%
Zinc	66-2	12.77	12.79	12.41	12.66	1.66	ppb
Zirconium	90-1	0.06	0.08	0.07	0.07	9.81	ppb
Zirconium	91-1	0.07	0.08	0.07	0.07	5.35	ppb

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : PB166636BL Instrumnet Name : P8
Client Sample ID : PBW636 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 15:28:29 DataFile Name : 037CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.59	-0.54	-0.50	-0.54		ppb
Antimony	121-1	0.00	0.00	0.00	0.00	68.68	ppb
Arsenic	75-2	-0.03	-0.03	-0.03	-0.03		ppb
Barium	135-1	-0.01	-0.01	-0.01	-0.01		ppb
Barium	137-1	0.01	0.00	0.01	0.01	45.15	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00		ppb
Bismuth	209-1				103		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Cadmium	108-1	0.03	0.13	0.05	0.07	82.50	ppb
Cadmium	106-1	-0.89	-0.82	-1.05	-0.92		ppb
Cadmium	111-1	-0.07	-0.07	-0.08	-0.07		ppb
Calcium	43-1	0.49	1.31	0.46	0.75	64.46	ppb
Calcium	44-1	-4.84	-5.48	-5.62	-5.31		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.02	-0.02	0.00	-0.01		ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	-0.17	-0.18	-0.16	-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				102		%
Holmium	165-2				103		%
Indium	115-1				105		%
Indium	115-2				103		%
Iron	54-2	1.39	0.94	0.64	0.99	38.13	ppb
Iron	56-2	0.40	0.47	0.38	0.42	11.82	ppb
Iron	57-2	0.25	0.62	1.02	0.63	60.74	ppb
Krypton	83-1						cps
Lead	206-1	-0.03	-0.03	-0.03	-0.03		ppb

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : PB166636BL Instrumnet Name : P8
Client Sample ID : PBW636 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 15:28:29 DataFile Name : 037CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	-0.03	-0.03	-0.02	-0.02		ppb
Lead	208-1	-0.02	-0.03	-0.02	-0.02		ppb
Lithium	6-1				106		%
Magnesium	24-2	-7.39	-7.49	-7.18	-7.35		ppb
Manganese	55-2	-0.01	0.03	0.02	0.01	139.18	ppb
Molybdenum	94-1	0.01	0.00	0.00	0.00	125.89	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	126.26	ppb
Molybdenum	96-1	0.00	0.00	-0.01	0.00		ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	168.27	ppb
Molybdenum	98-1	0.01	0.01	0.01	0.01	3.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.22	0.28	0.25	0.25	11.44	ppb
Phosphorus	31-2	-10.63	-20.59	-14.25	-15.16		ppb
Potassium	39-2	5.38	2.98	5.89	4.75	32.74	ppb
Rhodium	103-1				106		%
Rhodium	103-2				103		%
Scandium	45-1				106		%
Scandium	45-2				105		%
Selenium	82-1	0.00	0.20	0.11	0.10	93.69	ppb
Selenium	77-2	-0.31	-0.31	0.58	-0.01		ppb
Selenium	78-2	0.78	0.78	0.78	0.78	0.59	ppb
Silicon	28-1	-0.30	-0.55	-1.18	-0.68		ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Sodium	23-2	6.97	6.48	6.61	6.69	3.85	ppb
Strontium	86-1	0.06	0.04	0.02	0.04	58.56	ppb
Strontium	88-1	0.07	0.05	0.05	0.06	19.84	ppb
Sulfur	34-1	-403.22	-287.57	-373.72	-354.84		ppb
Terbium	159-1				104		%
Terbium	159-2				101		%
Thallium	203-1	0.00	0.00	0.00	0.00		ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	-0.01	0.00	-0.01	-0.01		ppb
Titanium	47-1	-0.08	-0.07	-0.03	-0.06		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb

LB Number :

LB134674

Operator :

Jaswal

Lab Sample ID :

PB166636BL

Instrumnet Name :

P8

Client Sample ID :

PBW636

Dilution Factor :

1

Date & Time Acquired :

2025-02-11 15:28:29

DataFile Name :

037CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				103		%
Zinc	66-2	0.06	0.05	0.01	0.04	68.22	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00		ppb
Zirconium	91-1	0.01	0.00	0.00	0.00	155.02	ppb

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : PB166636BS Instrumnet Name : P8
Client Sample ID : LCS636 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 15:31:51 DataFile Name : 038LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	40.39	41.76	43.68	41.94	3.94	ppb
Antimony	121-1	4.15	4.29	4.41	4.28	3.02	ppb
Arsenic	75-2	2.05	2.59	1.90	2.18	16.59	ppb
Barium	135-1	20.16	20.85	21.18	20.73	2.51	ppb
Barium	137-1	20.82	20.95	21.52	21.10	1.78	ppb
Beryllium	9-1	2.13	2.09	2.15	2.12	1.38	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Cadmium	108-1	2.29	1.85	2.41	2.18	13.65	ppb
Cadmium	106-1	1.66	2.24	1.27	1.73	28.20	ppb
Cadmium	111-1	2.13	2.28	2.18	2.20	3.64	ppb
Calcium	43-1	1077.95	1120.27	1063.29	1087.17	2.72	ppb
Calcium	44-1	1046.62	1081.76	1047.19	1058.52	1.90	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.20	4.09	4.05	4.11	1.81	ppb
Cobalt	59-2	2.14	2.11	2.19	2.14	1.89	ppb
Copper	63-2	4.50	4.63	4.60	4.58	1.52	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				105		%
Indium	115-2				102		%
Iron	54-2	443.84	437.68	440.01	440.51	0.71	ppb
Iron	56-2	436.94	433.48	433.46	434.63	0.46	ppb
Iron	57-2	449.83	429.27	436.29	438.46	2.38	ppb
Krypton	83-1						cps
Lead	206-1	1.93	2.02	2.05	2.00	3.14	ppb

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : PB166636BS Instrumnet Name : P8
Client Sample ID : LCS636 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 15:31:51 DataFile Name : 038LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	1.95	2.03	2.04	2.01	2.46	ppb
Lead	208-1	1.96	2.01	2.03	2.00	1.94	ppb
Lithium	6-1				106		%
Magnesium	24-2	1024.52	1010.01	1017.38	1017.31	0.71	ppb
Manganese	55-2	2.06	2.08	2.13	2.09	1.67	ppb
Molybdenum	94-1	11.74	11.96	11.88	11.86	0.92	ppb
Molybdenum	95-1	9.92	10.10	10.36	10.13	2.22	ppb
Molybdenum	96-1	10.21	10.29	10.35	10.28	0.67	ppb
Molybdenum	97-1	10.02	10.28	10.17	10.16	1.29	ppb
Molybdenum	98-1	9.87	10.10	10.04	10.00	1.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.42	2.45	2.35	2.41	1.95	ppb
Phosphorus	31-2	31.57	21.52	30.30	27.80	19.68	ppb
Potassium	39-2	1045.75	1035.06	1043.23	1041.35	0.54	ppb
Rhodium	103-1				105		%
Rhodium	103-2				103		%
Scandium	45-1				106		%
Scandium	45-2				105		%
Selenium	82-1	11.28	10.85	11.11	11.08	1.95	ppb
Selenium	77-2	9.52	7.69	12.09	9.77	22.64	ppb
Selenium	78-2	7.32	9.62	9.06	8.67	13.84	ppb
Silicon	28-1	22.94	24.67	21.84	23.15	6.17	ppb
Silver	107-1	2.03	2.13	2.21	2.13	4.24	ppb
Silver	109-1	2.09	2.12	2.17	2.13	2.09	ppb
Sodium	23-2	1105.27	1094.88	1090.15	1096.77	0.71	ppb
Strontium	86-1	2.04	2.07	2.10	2.07	1.45	ppb
Strontium	88-1	2.06	2.04	2.04	2.05	0.31	ppb
Sulfur	34-1	-51.57	236.69	-225.14	-13.34		ppb
Terbium	159-1				104		%
Terbium	159-2				101		%
Thallium	203-1	2.01	2.06	2.05	2.04	1.35	ppb
Thallium	205-1	1.99	2.02	2.07	2.03	2.12	ppb
Tin	118-1	10.50	10.67	10.94	10.70	2.05	ppb
Titanium	47-1	2.44	2.53	2.43	2.47	2.19	ppb
Uranium	238-1	1.81	1.88	1.89	1.86	2.40	ppb

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : PB166636BS Instrumnet Name : P8
Client Sample ID : LCS636 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 15:31:51 DataFile Name : 038LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	10.52	10.63	10.46	10.54	0.81	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				104		%
Zinc	66-2	10.80	10.90	10.56	10.75	1.58	ppb
Zirconium	90-1	1.99	2.01	2.03	2.01	0.90	ppb
Zirconium	91-1	1.97	2.02	1.99	1.99	1.09	ppb

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : Q1255-01 Instrumnet Name : P8
Client Sample ID : MDCZM3 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 15:41:43 DataFile Name : 039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10.40	10.38	12.99	11.25	13.34	ppb
Antimony	121-1	0.00	0.01	0.01	0.01	14.53	ppb
Arsenic	75-2	0.06	-0.01	-0.01	0.01	454.74	ppb
Barium	135-1	2.19	2.39	2.26	2.28	4.48	ppb
Barium	137-1	2.25	2.32	2.40	2.32	3.09	ppb
Beryllium	9-1	-0.01	0.00	0.00	0.00	9167.55	ppb
Bismuth	209-1				96		%
Bismuth	209-2				95		%
Bromine	81-1						cps
Cadmium	108-1	0.13	0.12	0.13	0.13	3.25	ppb
Cadmium	106-1	-2.01	-1.50	-2.01	-1.84		ppb
Cadmium	111-1	-0.16	-0.12	-0.16	-0.15		ppb
Calcium	43-1	674.10	683.80	697.10	685.00	1.69	ppb
Calcium	44-1	702.50	721.92	720.73	715.05	1.52	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.19	0.22	0.28	0.23	19.19	ppb
Cobalt	59-2	0.03	0.02	0.03	0.03	22.21	ppb
Copper	63-2	0.36	0.31	0.29	0.32	10.13	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				99		%
Indium	115-2				95		%
Iron	54-2	7.49	7.53	7.15	7.39	2.85	ppb
Iron	56-2	6.39	6.28	6.33	6.33	0.90	ppb
Iron	57-2	7.01	8.04	6.80	7.28	9.11	ppb
Krypton	83-1						cps
Lead	206-1	0.07	0.07	0.08	0.07	6.80	ppb

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : Q1255-01 Instrumnet Name : P8
Client Sample ID : MDCZM3 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 15:41:43 DataFile Name : 039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.09	0.08	0.10	0.09	11.08	ppb
Lead	208-1	0.08	0.07	0.08	0.08	6.25	ppb
Lithium	6-1				102		%
Magnesium	24-2	39.56	39.05	41.37	39.99	3.05	ppb
Manganese	55-2	3.86	3.78	3.81	3.82	1.06	ppb
Molybdenum	94-1	0.62	0.76	0.76	0.71	11.03	ppb
Molybdenum	95-1	0.07	0.08	0.07	0.07	13.01	ppb
Molybdenum	96-1	0.12	0.14	0.14	0.13	8.93	ppb
Molybdenum	97-1	0.06	0.07	0.06	0.06	12.39	ppb
Molybdenum	98-1	0.07	0.07	0.07	0.07	3.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.27	0.20	0.32	0.26	22.76	ppb
Phosphorus	31-2	239.07	254.77	256.73	250.19	3.87	ppb
Potassium	39-2	461.29	459.16	476.74	465.73	2.06	ppb
Rhodium	103-1				97		%
Rhodium	103-2				96		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	82-1	0.12	0.12	-0.05	0.06	151.08	ppb
Selenium	77-2	1.63	0.64	-0.31	0.65	147.89	ppb
Selenium	78-2	0.30	1.12	0.55	0.66	64.50	ppb
Silicon	28-1	6155.04	6222.13	6221.33	6199.50	0.62	ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Silver	109-1	0.00	0.00	0.00	0.00	83.13	ppb
Sodium	23-2	99501.06	99035.17	99892.09	99476.11	0.43	ppb
Strontium	86-1	11.97	12.36	12.65	12.32	2.77	ppb
Strontium	88-1	11.88	12.43	12.49	12.26	2.73	ppb
Sulfur	34-1	4057.15	4304.07	4029.27	4130.16	3.66	ppb
Terbium	159-1				101		%
Terbium	159-2				97		%
Thallium	203-1	0.00	-0.01	0.00	0.00		ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.13	0.16	0.15	0.14	8.90	ppb
Titanium	47-1	7.33	7.63	7.43	7.46	2.01	ppb
Uranium	238-1	0.01	0.02	0.02	0.02	8.29	ppb

LB Number :

LB134674

Operator :

Jaswal

Lab Sample ID :

Q1255-01

Instrumnet Name :

P8

Client Sample ID :

MDCZM3

Dilution Factor :

1

Date & Time Acquired :

2025-02-11 15:41:43

DataFile Name :

039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.23	0.20	0.22	0.22	6.97	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				97		%
Zinc	66-2	0.86	0.63	0.91	0.80	18.57	ppb
Zirconium	90-1	0.37	0.37	0.36	0.37	1.83	ppb
Zirconium	91-1	0.38	0.42	0.36	0.38	7.81	ppb

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : Q1255-02 Instrumnet Name : P8
Client Sample ID : MDCZP0 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 15:45:02 DataFile Name : 040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	40.53	37.31	38.26	38.70	4.27	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	15.44	ppb
Arsenic	75-2	0.62	0.50	0.54	0.55	11.61	ppb
Barium	135-1	25.05	25.79	25.47	25.44	1.46	ppb
Barium	137-1	25.02	26.23	25.39	25.55	2.42	ppb
Beryllium	9-1	0.16	0.16	0.17	0.16	3.55	ppb
Bismuth	209-1				99		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Cadmium	108-1	0.05	0.07	0.13	0.08	48.56	ppb
Cadmium	106-1	-1.75	-1.10	-1.81	-1.55		ppb
Cadmium	111-1	-0.12	-0.05	-0.12	-0.10		ppb
Calcium	43-1	1211.89	1229.29	1203.29	1214.82	1.09	ppb
Calcium	44-1	1229.89	1248.97	1251.17	1243.34	0.94	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.84	0.77	0.77	0.80	4.84	ppb
Cobalt	59-2	4.80	4.64	4.90	4.78	2.76	ppb
Copper	63-2	0.07	0.05	0.12	0.08	40.86	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				103		%
Indium	115-1				101		%
Indium	115-2				102		%
Iron	54-2	404.53	382.51	408.65	398.56	3.53	ppb
Iron	56-2	402.70	383.70	404.81	397.07	2.93	ppb
Iron	57-2	409.08	381.00	396.91	395.66	3.56	ppb
Krypton	83-1						cps
Lead	206-1	0.15	0.16	0.15	0.15	2.94	ppb

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : Q1255-02 Instrumnet Name : P8
Client Sample ID : MDCZP0 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 15:45:02 DataFile Name : 040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.15	0.15	0.15	0.15	2.07	ppb
Lead	208-1	0.15	0.15	0.15	0.15	0.82	ppb
Lithium	6-1				102		%
Magnesium	24-2	339.95	321.30	340.99	334.08	3.32	ppb
Manganese	55-2	122.05	116.93	121.92	120.30	2.43	ppb
Molybdenum	94-1	0.08	0.09	0.17	0.11	43.95	ppb
Molybdenum	95-1	0.04	0.05	0.05	0.05	6.00	ppb
Molybdenum	96-1	0.04	0.05	0.05	0.05	8.56	ppb
Molybdenum	97-1	0.03	0.04	0.05	0.04	26.32	ppb
Molybdenum	98-1	0.04	0.04	0.05	0.05	10.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.65	2.55	2.54	2.58	2.33	ppb
Phosphorus	31-2	10.84	11.79	18.85	13.83	31.66	ppb
Potassium	39-2	490.21	453.39	483.44	475.68	4.12	ppb
Rhodium	103-1				100		%
Rhodium	103-2				103		%
Scandium	45-1				101		%
Scandium	45-2				103		%
Selenium	82-1	0.14	0.28	0.35	0.26	40.09	ppb
Selenium	77-2	-0.31	0.57	0.60	0.28	180.33	ppb
Selenium	78-2	1.12	0.50	1.05	0.89	38.30	ppb
Silicon	28-1	8637.22	8625.41	8510.74	8591.12	0.81	ppb
Silver	107-1	0.00	0.00	0.00	0.00	2520.33	ppb
Silver	109-1	0.00	0.00	0.00	0.00	43.60	ppb
Sodium	23-2	10435.09	9841.13	10430.07	10235.43	3.34	ppb
Strontium	86-1	13.27	13.57	13.63	13.49	1.42	ppb
Strontium	88-1	13.29	13.59	13.65	13.51	1.41	ppb
Sulfur	34-1	3079.54	2713.42	2785.97	2859.64	6.78	ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	0.00	0.00	0.00	0.00	28.90	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	232.89	ppb
Tin	118-1	0.19	0.21	0.20	0.20	5.06	ppb
Titanium	47-1	0.93	1.16	1.23	1.11	14.23	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	11.34	ppb

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : Q1255-02 Instrumnet Name : P8
Client Sample ID : MDCZP0 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 15:45:02 DataFile Name : 040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.15	0.17	0.16	0.16	6.40	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				102		%
Zinc	66-2	5.08	4.62	5.37	5.02	7.55	ppb
Zirconium	90-1	0.03	0.03	0.03	0.03	10.87	ppb
Zirconium	91-1	0.02	0.03	0.03	0.03	13.49	ppb

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : Q1255-03 Instrumnet Name : P8
Client Sample ID : MDCZP1 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 15:48:25 DataFile Name : 041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	40.21	40.29	38.65	39.71	2.33	ppb
Antimony	121-1	0.02	0.02	0.02	0.02	2.04	ppb
Arsenic	75-2	0.45	0.38	0.42	0.42	8.50	ppb
Barium	135-1	58.81	59.33	59.12	59.09	0.44	ppb
Barium	137-1	59.11	60.25	59.17	59.51	1.08	ppb
Beryllium	9-1	0.07	0.08	0.07	0.08	7.03	ppb
Bismuth	209-1				97		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Cadmium	108-1	0.25	0.25	0.21	0.24	10.60	ppb
Cadmium	106-1	-0.92	-0.33	-1.35	-0.87		ppb
Cadmium	111-1	0.13	0.24	0.15	0.17	33.56	ppb
Calcium	43-1	8832.22	8890.80	8716.96	8813.33	1.00	ppb
Calcium	44-1	8905.28	8784.75	8711.77	8800.60	1.11	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.34	0.39	0.40	0.38	8.73	ppb
Cobalt	59-2	35.07	35.82	34.88	35.25	1.41	ppb
Copper	63-2	0.14	0.20	0.16	0.17	16.27	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				100		%
Indium	115-2				97		%
Iron	54-2	64.21	67.21	67.89	66.44	2.95	ppb
Iron	56-2	66.00	67.60	65.42	66.34	1.70	ppb
Iron	57-2	63.72	69.83	65.94	66.50	4.65	ppb
Krypton	83-1						cps
Lead	206-1	0.09	0.09	0.09	0.09	1.84	ppb

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : Q1255-03 Instrumnet Name : P8
Client Sample ID : MDCZP1 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 15:48:25 DataFile Name : 041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.08	0.10	0.08	0.09	11.90	ppb
Lead	208-1	0.09	0.09	0.09	0.09	1.34	ppb
Lithium	6-1				101		%
Magnesium	24-2	1874.26	1903.86	1860.42	1879.51	1.18	ppb
Manganese	55-2	1272.15	1333.30	1299.57	1301.67	2.35	ppb
Molybdenum	94-1	0.12	0.15	0.14	0.14	9.45	ppb
Molybdenum	95-1	0.05	0.07	0.05	0.06	20.26	ppb
Molybdenum	96-1	0.07	0.05	0.06	0.06	14.50	ppb
Molybdenum	97-1	0.05	0.04	0.05	0.05	11.97	ppb
Molybdenum	98-1	0.06	0.04	0.05	0.05	11.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	11.91	12.18	11.82	11.97	1.59	ppb
Phosphorus	31-2	-3.79	-7.84	-6.25	-5.96		ppb
Potassium	39-2	1124.58	1127.91	1129.67	1127.39	0.23	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				102		%
Scandium	45-2				101		%
Selenium	82-1	0.66	0.42	0.99	0.69	41.26	ppb
Selenium	77-2	1.55	1.54	-0.31	0.93	115.41	ppb
Selenium	78-2	1.09	0.81	0.80	0.90	18.18	ppb
Silicon	28-1	6427.15	6451.81	6305.71	6394.89	1.22	ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Silver	109-1	0.00	0.00	0.00	0.00	190.07	ppb
Sodium	23-2	61324.30	61254.01	60417.90	60998.74	0.83	ppb
Strontium	86-1	53.32	53.42	53.44	53.39	0.12	ppb
Strontium	88-1	56.41	55.33	55.67	55.81	0.99	ppb
Sulfur	34-1	13991.52	13999.60	13867.39	13952.83	0.53	ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	0.02	0.02	0.02	0.02	1.55	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	6.96	ppb
Tin	118-1	0.06	0.08	0.07	0.07	7.72	ppb
Titanium	47-1	1.01	1.38	1.14	1.17	15.94	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	2.31	ppb

LB Number :

LB134674

Operator :

Jaswal

Lab Sample ID :

Q1255-03

Instrumnet Name :

P8

Client Sample ID :

MDCZP1

Dilution Factor :

1

Date & Time Acquired :

2025-02-11 15:48:25

DataFile Name :

041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.37	0.40	0.38	0.38	4.24	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				101		%
Zinc	66-2	16.34	15.73	15.16	15.74	3.76	ppb
Zirconium	90-1	0.06	0.06	0.07	0.06	14.19	ppb
Zirconium	91-1	0.06	0.05	0.05	0.05	16.91	ppb

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : Q1255-04 Instrumnet Name : P8
Client Sample ID : MDCZP5 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 15:51:39 DataFile Name : 042AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	210.38	201.46	201.86	204.57	2.46	ppb
Antimony	121-1	0.04	0.04	0.05	0.04	13.15	ppb
Arsenic	75-2	35.92	36.23	35.43	35.86	1.12	ppb
Barium	135-1	270.31	273.29	276.84	273.48	1.20	ppb
Barium	137-1	281.60	274.01	281.87	279.16	1.60	ppb
Beryllium	9-1	0.01	0.02	0.02	0.01	27.64	ppb
Bismuth	209-1				99		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Cadmium	108-1	0.28	0.25	0.13	0.22	35.73	ppb
Cadmium	106-1	-0.46	-0.78	-0.02	-0.42		ppb
Cadmium	111-1	0.13	0.13	0.19	0.15	22.92	ppb
Calcium	43-1	6912.72	6849.13	6936.42	6899.42	0.65	ppb
Calcium	44-1	6945.57	7024.19	7005.31	6991.69	0.59	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.87	0.81	0.77	0.82	5.95	ppb
Cobalt	59-2	18.45	18.50	18.25	18.40	0.70	ppb
Copper	63-2	0.28	0.33	0.35	0.32	10.86	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				99		%
Indium	115-1				101		%
Indium	115-2				97		%
Iron	54-2	50091.66	49686.71	50118.97	49965.78	0.48	ppb
Iron	56-2	50348.15	49678.04	49720.96	49915.72	0.75	ppb
Iron	57-2	51467.22	49974.62	50634.32	50692.05	1.48	ppb
Krypton	83-1						cps
Lead	206-1	0.36	0.34	0.35	0.35	1.80	ppb

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : Q1255-04 Instrumnet Name : P8
Client Sample ID : MDCZP5 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 15:51:39 DataFile Name : 042AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.34	0.36	0.36	0.35	3.14	ppb
Lead	208-1	0.35	0.35	0.43	0.38	11.06	ppb
Lithium	6-1				100		%
Magnesium	24-2	2796.41	2831.13	2823.57	2817.04	0.65	ppb
Manganese	55-2	1467.61	1451.27	1461.35	1460.08	0.56	ppb
Molybdenum	94-1	0.70	0.95	0.84	0.83	15.20	ppb
Molybdenum	95-1	0.50	0.50	0.49	0.50	1.28	ppb
Molybdenum	96-1	0.51	0.56	0.57	0.54	5.83	ppb
Molybdenum	97-1	0.48	0.50	0.50	0.49	1.98	ppb
Molybdenum	98-1	0.50	0.48	0.49	0.49	2.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	21.51	22.06	21.54	21.70	1.43	ppb
Phosphorus	31-2	165.84	152.70	164.76	161.10	4.53	ppb
Potassium	39-2	2656.00	2657.83	2659.69	2657.84	0.07	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				102		%
Scandium	45-2				101		%
Selenium	82-1	0.53	0.32	0.36	0.40	28.07	ppb
Selenium	77-2	3.39	2.48	4.40	3.42	27.98	ppb
Selenium	78-2	0.81	0.82	1.38	1.00	32.61	ppb
Silicon	28-1	15204.76	15057.78	14989.73	15084.09	0.73	ppb
Silver	107-1	0.00	0.00	0.00	0.00	32.44	ppb
Silver	109-1	0.00	0.00	0.00	0.00	26.64	ppb
Sodium	23-2	45946.41	46341.20	46159.82	46149.15	0.43	ppb
Strontium	86-1	46.98	47.36	47.50	47.28	0.56	ppb
Strontium	88-1	49.33	49.73	49.42	49.50	0.42	ppb
Sulfur	34-1	9496.79	8955.24	9534.58	9328.87	3.47	ppb
Terbium	159-1				101		%
Terbium	159-2				98		%
Thallium	203-1	0.04	0.04	0.04	0.04	2.16	ppb
Thallium	205-1	0.04	0.04	0.04	0.04	1.43	ppb
Tin	118-1	0.13	0.13	0.13	0.13	1.07	ppb
Titanium	47-1	4.99	4.60	4.86	4.82	4.16	ppb
Uranium	238-1	0.05	0.05	0.05	0.05	1.21	ppb

LB Number :

LB134674

Operator :

Jaswal

Lab Sample ID :

Q1255-04

Instrumnet Name :

P8

Client Sample ID :

MDCZP5

Dilution Factor :

1

Date & Time Acquired :

2025-02-11 15:51:39

DataFile Name :

042AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.40	0.39	0.48	0.43	11.82	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				100		%
Zinc	66-2	11.00	11.21	11.01	11.07	1.06	ppb
Zirconium	90-1	0.18	0.21	0.17	0.18	11.86	ppb
Zirconium	91-1	0.18	0.17	0.22	0.19	14.08	ppb

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : Q1255-05 Instrumnet Name : P8
Client Sample ID : MDCZM4 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 15:54:53 DataFile Name : 043AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7.09	5.64	6.34	6.35	11.43	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	9.87	ppb
Arsenic	75-2	0.03	0.02	0.03	0.03	25.51	ppb
Barium	135-1	98.35	100.00	97.69	98.68	1.21	ppb
Barium	137-1	99.96	100.57	99.03	99.86	0.77	ppb
Beryllium	9-1	-0.01	-0.01	-0.01	-0.01		ppb
Bismuth	209-1				99		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Cadmium	108-1	0.01	0.03	0.03	0.02	49.59	ppb
Cadmium	106-1	-0.95	-0.67	-1.78	-1.13		ppb
Cadmium	111-1	-0.07	-0.05	-0.13	-0.09		ppb
Calcium	43-1	35304.11	37781.69	36618.17	36567.99	3.39	ppb
Calcium	44-1	35529.99	36348.40	35840.83	35906.41	1.15	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.47	0.46	0.45	0.46	2.42	ppb
Cobalt	59-2	0.02	0.02	0.02	0.02	6.76	ppb
Copper	63-2	0.00	-0.01	-0.01	-0.01		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				101		%
Holmium	165-2				101		%
Indium	115-1				101		%
Indium	115-2				98		%
Iron	54-2	135.99	138.74	141.59	138.77	2.02	ppb
Iron	56-2	137.22	134.89	139.77	137.29	1.78	ppb
Iron	57-2	135.07	133.93	134.17	134.39	0.45	ppb
Krypton	83-1						cps
Lead	206-1	0.45	0.44	0.46	0.45	2.82	ppb

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : Q1255-05 Instrumnet Name : P8
Client Sample ID : MDCZM4 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 15:54:53 DataFile Name : 043AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.43	0.42	0.43	0.42	1.58	ppb
Lead	208-1	0.43	0.42	0.43	0.43	1.47	ppb
Lithium	6-1				101		%
Magnesium	24-2	6086.54	5790.70	6072.90	5983.38	2.79	ppb
Manganese	55-2	31.44	31.89	32.68	32.00	1.97	ppb
Molybdenum	94-1	0.32	0.33	0.33	0.32	2.47	ppb
Molybdenum	95-1	0.37	0.36	0.39	0.37	3.60	ppb
Molybdenum	96-1	0.36	0.36	0.36	0.36	1.05	ppb
Molybdenum	97-1	0.37	0.37	0.38	0.37	2.06	ppb
Molybdenum	98-1	0.37	0.37	0.37	0.37	0.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.96	0.93	1.10	1.00	9.13	ppb
Phosphorus	31-2	227.01	245.15	214.82	228.99	6.67	ppb
Potassium	39-2	1584.86	1546.40	1576.16	1569.14	1.29	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				102		%
Scandium	45-2				101		%
Selenium	82-1	0.00	0.14	0.49	0.21	120.15	ppb
Selenium	77-2	-0.31	-0.31	0.62	0.00	115622.19	ppb
Selenium	78-2	0.27	0.27	0.27	0.27	0.91	ppb
Silicon	28-1	10351.73	10735.20	10734.27	10607.07	2.08	ppb
Silver	107-1	0.01	0.01	0.01	0.01	16.01	ppb
Silver	109-1	0.02	0.01	0.01	0.01	18.41	ppb
Sodium	23-2	10936.25	10572.08	11020.38	10842.90	2.20	ppb
Strontium	86-1	626.59	619.80	616.47	620.96	0.83	ppb
Strontium	88-1	624.66	620.94	613.09	619.56	0.95	ppb
Sulfur	34-1	-421.61	-197.49	-309.86	-309.65		ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	-0.01	0.00		ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.14	0.14	0.13	0.14	3.80	ppb
Titanium	47-1	0.76	0.77	0.74	0.76	1.59	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	32.20	ppb

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : Q1255-05 Instrumnet Name : P8
Client Sample ID : MDCZM4 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 15:54:53 DataFile Name : 043AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	0.01	0.01	0.01	31.87	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				100		%
Zinc	66-2	5.05	4.65	5.00	4.90	4.45	ppb
Zirconium	90-1	0.01	0.00	0.01	0.01	63.54	ppb
Zirconium	91-1	0.01	0.01	0.00	0.01	44.43	ppb

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : Q1255-06 Instrumnet Name : P8
Client Sample ID : MDCZN3 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 15:58:10 DataFile Name : 044AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.60	9.61	9.46	9.22	5.93	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	8.48	ppb
Arsenic	75-2	0.19	0.26	0.12	0.19	35.97	ppb
Barium	135-1	30.62	30.94	30.40	30.65	0.89	ppb
Barium	137-1	31.02	31.04	30.65	30.90	0.70	ppb
Beryllium	9-1	0.08	0.08	0.08	0.08	4.32	ppb
Bismuth	209-1				99		%
Bismuth	209-2				95		%
Bromine	81-1						cps
Cadmium	108-1	0.19	0.15	0.20	0.18	14.46	ppb
Cadmium	106-1	-0.98	-0.42	-1.09	-0.83		ppb
Cadmium	111-1	0.05	0.10	0.04	0.06	50.58	ppb
Calcium	43-1	3987.56	4068.19	4020.81	4025.52	1.01	ppb
Calcium	44-1	4079.54	4126.08	4126.33	4110.65	0.66	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.00	0.96	0.96	0.97	2.40	ppb
Cobalt	59-2	3.80	3.62	3.63	3.68	2.77	ppb
Copper	63-2	0.05	0.03	0.06	0.05	31.61	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				97		%
Indium	115-1				100		%
Indium	115-2				94		%
Iron	54-2	190.16	184.87	183.27	186.10	1.94	ppb
Iron	56-2	188.36	182.19	181.89	184.15	1.98	ppb
Iron	57-2	182.60	181.91	184.83	183.12	0.83	ppb
Krypton	83-1						cps
Lead	206-1	0.09	0.11	0.09	0.10	7.11	ppb

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : Q1255-06 Instrumnet Name : P8
Client Sample ID : MDCZN3 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 15:58:10 DataFile Name : 044AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.09	0.10	0.10	0.10	3.55	ppb
Lead	208-1	0.09	0.10	0.10	0.10	5.17	ppb
Lithium	6-1				100		%
Magnesium	24-2	785.56	755.59	752.54	764.56	2.39	ppb
Manganese	55-2	122.42	117.08	118.97	119.49	2.26	ppb
Molybdenum	94-1	0.04	0.04	0.04	0.04	2.57	ppb
Molybdenum	95-1	0.03	0.04	0.04	0.04	11.53	ppb
Molybdenum	96-1	0.03	0.04	0.05	0.04	21.93	ppb
Molybdenum	97-1	0.04	0.03	0.04	0.04	13.15	ppb
Molybdenum	98-1	0.04	0.04	0.04	0.04	6.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.87	4.64	4.47	4.66	4.37	ppb
Phosphorus	31-2	9.76	10.20	-5.04	4.97	174.53	ppb
Potassium	39-2	809.32	770.45	767.91	782.56	2.97	ppb
Rhodium	103-1				100		%
Rhodium	103-2				96		%
Scandium	45-1				101		%
Scandium	45-2				97		%
Selenium	82-1	0.43	0.42	0.20	0.35	37.38	ppb
Selenium	77-2	0.67	-0.31	0.64	0.33	166.79	ppb
Selenium	78-2	0.30	0.01	0.56	0.29	96.53	ppb
Silicon	28-1	9495.03	9493.60	9427.00	9471.87	0.41	ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Silver	109-1	0.00	0.00	0.00	0.00	1022.17	ppb
Sodium	23-2	25333.96	24300.79	24036.29	24557.01	2.79	ppb
Strontium	86-1	24.81	25.44	24.87	25.04	1.40	ppb
Strontium	88-1	24.83	25.27	24.66	24.92	1.26	ppb
Sulfur	34-1	5246.99	5482.70	5204.63	5311.44	2.82	ppb
Terbium	159-1				102		%
Terbium	159-2				95		%
Thallium	203-1	0.00	0.01	0.01	0.01	29.44	ppb
Thallium	205-1	0.00	0.01	0.00	0.00	44.65	ppb
Tin	118-1	0.10	0.12	0.08	0.10	17.92	ppb
Titanium	47-1	0.64	0.55	0.61	0.60	7.30	ppb
Uranium	238-1	0.00	0.01	0.01	0.01	9.39	ppb

LB Number :

LB134674

Operator :

Jaswal

Lab Sample ID :

Q1255-06

Instrumnet Name :

P8

Client Sample ID :

MDCZN3

Dilution Factor :

1

Date & Time Acquired :

2025-02-11 15:58:10

DataFile Name :

044AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.21	0.18	0.16	0.18	15.32	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				97		%
Zinc	66-2	5.80	5.49	6.10	5.80	5.24	ppb
Zirconium	90-1	0.00	0.01	0.01	0.01	37.88	ppb
Zirconium	91-1	0.01	0.02	0.00	0.01	75.41	ppb

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : Q1255-07 Instrumnet Name : P8
Client Sample ID : MDCZP2 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 16:01:30 DataFile Name : 045AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	75.73	77.32	78.27	77.11	1.66	ppb
Antimony	121-1	0.03	0.03	0.03	0.03	9.75	ppb
Arsenic	75-2	1.53	1.49	1.40	1.47	4.29	ppb
Barium	135-1	82.70	81.79	83.92	82.80	1.29	ppb
Barium	137-1	82.78	82.07	84.64	83.17	1.59	ppb
Beryllium	9-1	0.05	0.05	0.04	0.05	14.62	ppb
Bismuth	209-1				96		%
Bismuth	209-2				94		%
Bromine	81-1						cps
Cadmium	108-1	0.08	0.07	0.15	0.10	40.84	ppb
Cadmium	106-1	-0.83	-0.71	-0.41	-0.65		ppb
Cadmium	111-1	-0.06	-0.05	-0.03	-0.05		ppb
Calcium	43-1	13872.95	14184.69	14234.79	14097.48	1.39	ppb
Calcium	44-1	14194.51	14449.20	14379.23	14340.98	0.92	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.56	0.61	0.62	0.60	5.11	ppb
Cobalt	59-2	0.94	0.96	0.94	0.95	0.98	ppb
Copper	63-2	0.21	0.23	0.21	0.21	4.21	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				100		%
Holmium	165-2				98		%
Indium	115-1				98		%
Indium	115-2				94		%
Iron	54-2	4776.60	4722.83	4740.46	4746.63	0.58	ppb
Iron	56-2	4722.32	4722.11	4856.86	4767.09	1.63	ppb
Iron	57-2	4738.48	4675.51	4715.36	4709.78	0.68	ppb
Krypton	83-1						cps
Lead	206-1	0.24	0.24	0.26	0.25	3.86	ppb

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : Q1255-07 Instrumnet Name : P8
Client Sample ID : MDCZP2 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 16:01:30 DataFile Name : 045AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.25	0.22	0.25	0.24	5.86	ppb
Lead	208-1	0.25	0.24	0.25	0.24	3.32	ppb
Lithium	6-1				101		%
Magnesium	24-2	6881.63	6943.81	6786.60	6870.68	1.15	ppb
Manganese	55-2	943.51	942.60	946.29	944.13	0.20	ppb
Molybdenum	94-1	0.56	0.47	0.51	0.51	8.49	ppb
Molybdenum	95-1	0.22	0.23	0.21	0.22	4.83	ppb
Molybdenum	96-1	0.23	0.22	0.25	0.23	5.72	ppb
Molybdenum	97-1	0.21	0.22	0.24	0.22	6.68	ppb
Molybdenum	98-1	0.19	0.22	0.20	0.21	7.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	12.78	12.53	12.63	12.65	1.00	ppb
Phosphorus	31-2	95.65	97.61	89.02	94.09	4.79	ppb
Potassium	39-2	1706.18	1683.07	1696.62	1695.29	0.68	ppb
Rhodium	103-1				96		%
Rhodium	103-2				95		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	82-1	1.38	1.23	1.58	1.40	12.63	ppb
Selenium	77-2	2.59	5.38	1.57	3.18	62.01	ppb
Selenium	78-2	1.14	1.12	1.10	1.12	1.80	ppb
Silicon	28-1	16226.98	16680.32	16478.31	16461.87	1.38	ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Sodium	23-2	95987.89	94903.42	93150.31	94680.54	1.51	ppb
Strontium	86-1	125.26	124.32	126.83	125.47	1.01	ppb
Strontium	88-1	128.27	127.66	129.66	128.53	0.80	ppb
Sulfur	34-1	9980.82	9651.07	9841.40	9824.43	1.68	ppb
Terbium	159-1				100		%
Terbium	159-2				96		%
Thallium	203-1	0.00	0.00	0.00	0.00	245.19	ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.04	0.06	0.08	0.06	31.75	ppb
Titanium	47-1	2.57	2.56	2.63	2.59	1.40	ppb
Uranium	238-1	0.03	0.03	0.03	0.03	2.23	ppb

LB Number :

LB134674

Operator :

Jaswal

Lab Sample ID :

Q1255-07

Instrumnet Name :

P8

Client Sample ID :

MDCZP2

Dilution Factor :

1

Date & Time Acquired :

2025-02-11 16:01:30

DataFile Name :

045AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	2.26	2.17	2.17	2.20	2.31	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				98		%
Zinc	66-2	1.72	1.64	1.85	1.74	6.17	ppb
Zirconium	90-1	0.18	0.18	0.18	0.18	1.40	ppb
Zirconium	91-1	0.17	0.17	0.17	0.17	0.58	ppb

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : Q1255-08 Instrumnet Name : P8
Client Sample ID : MDCZN8 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 16:04:45 DataFile Name : 046AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	35.00	33.06	30.59	32.88	6.71	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	4.52	ppb
Arsenic	75-2	0.32	0.40	0.32	0.35	12.67	ppb
Barium	135-1	85.82	86.25	86.72	86.26	0.52	ppb
Barium	137-1	86.65	86.93	86.95	86.84	0.19	ppb
Beryllium	9-1	0.28	0.29	0.28	0.28	1.05	ppb
Bismuth	209-1				98		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Cadmium	108-1	0.22	0.22	0.24	0.23	4.93	ppb
Cadmium	106-1	-0.72	-0.71	-1.65	-1.03		ppb
Cadmium	111-1	0.17	0.14	0.09	0.13	33.08	ppb
Calcium	43-1	5363.50	5424.79	5402.26	5396.85	0.57	ppb
Calcium	44-1	5454.61	5515.53	5580.97	5517.04	1.15	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.62	0.63	0.67	0.64	3.68	ppb
Cobalt	59-2	3.49	3.55	3.51	3.51	0.96	ppb
Copper	63-2	0.28	0.26	0.22	0.25	11.09	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				99		%
Indium	115-1				99		%
Indium	115-2				96		%
Iron	54-2	211.72	214.93	209.89	212.18	1.20	ppb
Iron	56-2	214.44	213.73	208.08	212.09	1.64	ppb
Iron	57-2	214.36	214.64	209.92	212.97	1.24	ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.02	0.03	0.02	26.96	ppb

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : Q1255-08 Instrumnet Name : P8
Client Sample ID : MDCZN8 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 16:04:45 DataFile Name : 046AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.03	0.03	0.04	0.03	22.46	ppb
Lead	208-1	0.02	0.03	0.03	0.03	6.35	ppb
Lithium	6-1				102		%
Magnesium	24-2	1679.08	1688.45	1637.76	1668.43	1.62	ppb
Manganese	55-2	213.61	214.68	209.88	212.73	1.19	ppb
Molybdenum	94-1	0.02	0.03	0.04	0.03	32.57	ppb
Molybdenum	95-1	0.02	0.03	0.02	0.02	27.31	ppb
Molybdenum	96-1	0.02	0.02	0.02	0.02	12.70	ppb
Molybdenum	97-1	0.02	0.02	0.02	0.02	15.35	ppb
Molybdenum	98-1	0.03	0.03	0.02	0.03	17.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	9.03	9.01	9.00	9.01	0.21	ppb
Phosphorus	31-2	11.09	3.88	12.44	9.14	50.34	ppb
Potassium	39-2	798.83	796.50	782.95	792.76	1.08	ppb
Rhodium	103-1				98		%
Rhodium	103-2				97		%
Scandium	45-1				99		%
Scandium	45-2				97		%
Selenium	82-1	0.72	0.53	0.53	0.59	18.71	ppb
Selenium	77-2	0.64	0.65	-0.31	0.33	167.75	ppb
Selenium	78-2	-0.27	0.29	-0.27	-0.08		ppb
Silicon	28-1	10313.26	10311.94	10382.90	10336.03	0.39	ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Sodium	23-2	28694.16	28335.89	27424.25	28151.44	2.33	ppb
Strontium	86-1	57.04	57.83	57.21	57.36	0.72	ppb
Strontium	88-1	59.40	59.22	59.37	59.33	0.17	ppb
Sulfur	34-1	8162.84	7924.11	7932.09	8006.35	1.69	ppb
Terbium	159-1				100		%
Terbium	159-2				97		%
Thallium	203-1	0.01	0.00	0.00	0.00	103.05	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	39.26	ppb
Tin	118-1	0.05	0.04	0.07	0.05	21.53	ppb
Titanium	47-1	0.67	0.72	0.69	0.70	3.27	ppb
Uranium	238-1	0.02	0.01	0.01	0.01	9.16	ppb

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : Q1255-08 Instrumnet Name : P8
Client Sample ID : MDCZN8 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 16:04:45 DataFile Name : 046AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.19	0.22	0.22	0.21	7.14	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				98		%
Zinc	66-2	11.58	11.49	11.46	11.51	0.54	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	39.50	ppb
Zirconium	91-1	0.01	0.01	0.01	0.01	37.44	ppb

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : Q1255-09 Instrumnet Name : P8
Client Sample ID : MDCZN8D Dilution Factor : 1
Date & Time Acquired : 2025-02-11 16:08:05 DataFile Name : 047AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	33.00	31.73	31.60	32.11	2.41	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	15.16	ppb
Arsenic	75-2	0.25	0.34	0.33	0.31	16.51	ppb
Barium	135-1	82.66	86.65	84.90	84.73	2.36	ppb
Barium	137-1	83.59	87.32	86.55	85.82	2.30	ppb
Beryllium	9-1	0.28	0.30	0.29	0.29	2.85	ppb
Bismuth	209-1				99		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Cadmium	108-1	0.22	0.26	0.25	0.24	8.56	ppb
Cadmium	106-1	-2.19	-1.16	-1.77	-1.71		ppb
Cadmium	111-1	0.01	0.12	0.08	0.07	77.85	ppb
Calcium	43-1	5414.38	5436.27	5351.10	5400.59	0.82	ppb
Calcium	44-1	5467.51	5432.18	5458.07	5452.59	0.34	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.06	1.04	1.03	1.04	1.46	ppb
Cobalt	59-2	3.49	3.49	3.49	3.49	0.08	ppb
Copper	63-2	0.24	0.23	0.30	0.26	15.14	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				99		%
Holmium	165-2				98		%
Indium	115-1				100		%
Indium	115-2				96		%
Iron	54-2	210.42	207.89	214.98	211.09	1.70	ppb
Iron	56-2	210.84	210.08	209.93	210.28	0.23	ppb
Iron	57-2	204.37	204.46	210.74	206.52	1.77	ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.00	0.01	0.01	65.87	ppb

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : Q1255-09 Instrumnet Name : P8
Client Sample ID : MDCZN8D Dilution Factor : 1
Date & Time Acquired : 2025-02-11 16:08:05 DataFile Name : 047AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.02	0.01	0.02	0.02	21.38	ppb
Lead	208-1	0.02	0.01	0.02	0.02	12.94	ppb
Lithium	6-1				101		%
Magnesium	24-2	1623.91	1642.37	1627.38	1631.22	0.60	ppb
Manganese	55-2	207.20	207.83	206.86	207.30	0.24	ppb
Molybdenum	94-1	0.04	0.03	0.04	0.04	12.95	ppb
Molybdenum	95-1	0.02	0.03	0.02	0.02	12.81	ppb
Molybdenum	96-1	0.02	0.03	0.02	0.03	14.08	ppb
Molybdenum	97-1	0.02	0.02	0.02	0.02	7.88	ppb
Molybdenum	98-1	0.03	0.03	0.03	0.03	6.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	8.87	9.01	9.24	9.04	2.07	ppb
Phosphorus	31-2	20.54	9.10	-4.83	8.27	153.62	ppb
Potassium	39-2	790.47	791.20	785.61	789.09	0.39	ppb
Rhodium	103-1				99		%
Rhodium	103-2				97		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	82-1	0.19	0.09	0.21	0.16	39.50	ppb
Selenium	77-2	-0.31	-0.31	0.64	0.01	7797.28	ppb
Selenium	78-2	0.56	0.01	0.28	0.28	97.69	ppb
Silicon	28-1	10206.18	10425.09	10143.85	10258.37	1.44	ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Sodium	23-2	27781.41	27857.02	27727.93	27788.79	0.23	ppb
Strontium	86-1	56.34	56.79	57.03	56.72	0.62	ppb
Strontium	88-1	59.53	60.04	58.53	59.37	1.30	ppb
Sulfur	34-1	7936.82	7863.05	7517.82	7772.56	2.88	ppb
Terbium	159-1				101		%
Terbium	159-2				97		%
Thallium	203-1	0.01	0.01	0.00	0.00	43.23	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	70.35	ppb
Tin	118-1	0.03	0.04	0.01	0.03	46.64	ppb
Titanium	47-1	0.71	0.64	0.61	0.65	7.60	ppb
Uranium	238-1	0.02	0.01	0.01	0.01	8.29	ppb

LB Number :

LB134674

Operator :

Jaswal

Lab Sample ID :

Q1255-09

Instrumnet Name :

P8

Client Sample ID :

MDCZN8D

Dilution Factor :

1

Date & Time Acquired :

2025-02-11 16:08:05

DataFile Name :

047AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.25	0.21	0.20	0.22	10.49	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				98		%
Zinc	66-2	11.65	11.48	11.34	11.49	1.35	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	22.82	ppb
Zirconium	91-1	0.01	0.01	0.01	0.01	13.31	ppb

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : Q1255-08LX5 Instrumnet Name : P8
Client Sample ID : MDCZN8L Dilution Factor : 5
Date & Time Acquired : 2025-02-11 16:11:23 DataFile Name : 048AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.54	7.08	6.02	6.55	8.05	ppb
Antimony	121-1	0.01	0.00	0.00	0.00	35.36	ppb
Arsenic	75-2	0.09	0.04	0.09	0.07	37.89	ppb
Barium	135-1	17.17	17.21	17.25	17.21	0.24	ppb
Barium	137-1	17.19	17.24	17.24	17.22	0.15	ppb
Beryllium	9-1	0.05	0.05	0.04	0.05	16.96	ppb
Bismuth	209-1				101		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Cadmium	108-1	0.05	0.08	0.07	0.06	23.43	ppb
Cadmium	106-1	-0.96	-1.22	-2.02	-1.40		ppb
Cadmium	111-1	-0.03	-0.05	-0.13	-0.07		ppb
Calcium	43-1	1074.72	1104.45	1111.68	1096.95	1.79	ppb
Calcium	44-1	1079.57	1069.09	1092.41	1080.36	1.08	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.10	0.12	0.15	0.12	18.66	ppb
Cobalt	59-2	0.71	0.72	0.71	0.71	0.71	ppb
Copper	63-2	-0.08	-0.10	-0.08	-0.09		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				103		%
Indium	115-2				98		%
Iron	54-2	44.10	42.64	43.22	43.32	1.69	ppb
Iron	56-2	44.01	42.76	43.37	43.38	1.44	ppb
Iron	57-2	42.07	42.94	42.98	42.67	1.21	ppb
Krypton	83-1						cps
Lead	206-1	-0.03	-0.02	-0.02	-0.02		ppb

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : Q1255-08LX5 Instrumnet Name : P8
Client Sample ID : MDCZN8L Dilution Factor : 5
Date & Time Acquired : 2025-02-11 16:11:23 DataFile Name : 048AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	-0.01	-0.01	-0.02	-0.01		ppb
Lead	208-1	-0.03	-0.02	-0.02	-0.02		ppb
Lithium	6-1				103		%
Magnesium	24-2	336.87	325.21	330.69	330.92	1.76	ppb
Manganese	55-2	43.39	42.00	43.34	42.91	1.85	ppb
Molybdenum	94-1	0.01	0.01	0.00	0.01	83.34	ppb
Molybdenum	95-1	0.01	0.01	0.01	0.01	11.13	ppb
Molybdenum	96-1	0.00	0.01	0.00	0.01	39.68	ppb
Molybdenum	97-1	0.00	0.01	0.01	0.00	229.00	ppb
Molybdenum	98-1	0.01	0.01	0.01	0.01	25.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.20	2.06	2.11	2.12	3.33	ppb
Phosphorus	31-2	-7.46	-10.92	-12.27	-10.21		ppb
Potassium	39-2	164.90	149.25	161.30	158.48	5.17	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	82-1	0.08	0.07	0.32	0.15	92.56	ppb
Selenium	77-2	-0.31	-0.31	-0.31	-0.31		ppb
Selenium	78-2	0.27	0.27	0.85	0.47	71.85	ppb
Silicon	28-1	2094.12	2094.12	2088.27	2092.17	0.16	ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Sodium	23-2	5631.33	5619.89	5690.71	5647.31	0.67	ppb
Strontium	86-1	11.52	11.38	11.45	11.45	0.60	ppb
Strontium	88-1	11.39	11.33	11.57	11.43	1.08	ppb
Sulfur	34-1	1400.64	1319.66	1451.28	1390.53	4.77	ppb
Terbium	159-1				103		%
Terbium	159-2				98		%
Thallium	203-1	0.00	0.00	0.00	0.00		ppb
Thallium	205-1	0.00	-0.01	0.00	0.00		ppb
Tin	118-1	0.01	0.01	0.01	0.01	28.98	ppb
Titanium	47-1	0.10	0.08	0.14	0.10	29.86	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	46.05	ppb

LB Number :

LB134674

Operator :

Jaswal

Lab Sample ID :

Q1255-08LX5

Instrumnet Name :

P8

Client Sample ID :

MDCZN8L

Dilution Factor :

5

Date & Time Acquired :

2025-02-11 16:11:23

DataFile Name :

048AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.04	0.04	0.05	0.04	11.21	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				99		%
Zinc	66-2	2.08	2.33	2.47	2.29	8.73	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	67.83	ppb
Zirconium	91-1	0.00	0.00	0.00	0.00	122.57	ppb

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : Q1255-10 Instrumnet Name : P8
Client Sample ID : MDCZN8S Dilution Factor : 1
Date & Time Acquired : 2025-02-11 16:14:45 DataFile Name : 049AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1878.50	1867.97	1920.47	1888.98	1.47	ppb
Antimony	121-1	102.75	107.72	105.40	105.29	2.36	ppb
Arsenic	75-2	40.15	39.85	40.22	40.07	0.49	ppb
Barium	135-1	2054.64	2136.92	2096.93	2096.16	1.96	ppb
Barium	137-1	2043.34	2140.91	2104.40	2096.22	2.35	ppb
Beryllium	9-1	45.73	48.87	47.27	47.29	3.32	ppb
Bismuth	209-1				99		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Cadmium	108-1	41.04	43.77	43.09	42.63	3.34	ppb
Cadmium	106-1	38.14	40.74	40.85	39.91	3.84	ppb
Cadmium	111-1	49.86	52.41	51.25	51.17	2.49	ppb
Calcium	43-1	5378.57	5415.42	5457.45	5417.15	0.73	ppb
Calcium	44-1	5437.83	5485.62	5449.45	5457.64	0.46	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	195.58	197.06	196.16	196.27	0.38	ppb
Cobalt	59-2	520.99	526.57	529.17	525.58	0.79	ppb
Copper	63-2	262.48	262.84	264.21	263.17	0.35	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				97		%
Indium	115-1				100		%
Indium	115-2				96		%
Iron	54-2	1399.30	1414.49	1413.58	1409.12	0.60	ppb
Iron	56-2	1263.58	1234.46	1270.99	1256.34	1.54	ppb
Iron	57-2	1225.13	1237.00	1264.80	1242.31	1.64	ppb
Krypton	83-1						cps
Lead	206-1	19.75	20.12	19.95	19.94	0.94	ppb

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : Q1255-10 Instrumnet Name : P8
Client Sample ID : MDCZN8S Dilution Factor : 1
Date & Time Acquired : 2025-02-11 16:14:45 DataFile Name : 049AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	19.62	19.79	19.50	19.63	0.74	ppb
Lead	208-1	19.66	19.86	19.68	19.73	0.56	ppb
Lithium	6-1				102		%
Magnesium	24-2	1644.27	1668.16	1692.15	1668.19	1.43	ppb
Manganese	55-2	689.17	685.40	695.95	690.17	0.77	ppb
Molybdenum	94-1	0.08	0.09	0.07	0.08	11.80	ppb
Molybdenum	95-1	0.05	0.04	0.03	0.04	19.73	ppb
Molybdenum	96-1	0.06	0.05	0.04	0.05	12.66	ppb
Molybdenum	97-1	0.05	0.03	0.04	0.04	19.29	ppb
Molybdenum	98-1	0.05	0.04	0.04	0.05	2.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	514.23	511.79	521.66	515.89	1.00	ppb
Phosphorus	31-2	0.98	-1.46	6.06	1.86	206.20	ppb
Potassium	39-2	794.49	794.21	811.47	800.06	1.24	ppb
Rhodium	103-1				98		%
Rhodium	103-2				97		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	82-1	19.02	18.95	20.10	19.35	3.32	ppb
Selenium	77-2	22.38	25.37	22.31	23.35	7.47	ppb
Selenium	78-2	22.15	19.50	19.05	20.23	8.28	ppb
Silicon	28-1	10464.99	10610.24	10501.13	10525.46	0.72	ppb
Silver	107-1	46.90	48.96	48.16	48.01	2.16	ppb
Silver	109-1	47.36	49.58	48.43	48.46	2.29	ppb
Sodium	23-2	27937.31	27806.32	28524.14	28089.26	1.36	ppb
Strontium	86-1	57.52	56.77	57.43	57.24	0.71	ppb
Strontium	88-1	59.62	59.98	58.23	59.28	1.56	ppb
Sulfur	34-1	8210.60	7863.98	7696.85	7923.81	3.31	ppb
Terbium	159-1				101		%
Terbium	159-2				98		%
Thallium	203-1	48.65	48.56	48.63	48.61	0.10	ppb
Thallium	205-1	50.95	50.28	50.52	50.58	0.67	ppb
Tin	118-1	0.12	0.13	0.12	0.12	4.96	ppb
Titanium	47-1	0.75	0.73	0.72	0.73	1.81	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	2.21	ppb

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : Q1255-10 Instrumnet Name : P8
Client Sample ID : MDCZN8S Dilution Factor : 1
Date & Time Acquired : 2025-02-11 16:14:45 DataFile Name : 049AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	484.90	485.51	491.39	487.27	0.74	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				98		%
Zinc	66-2	509.59	513.20	526.10	516.30	1.68	ppb
Zirconium	90-1	0.03	0.02	0.02	0.02	20.62	ppb
Zirconium	91-1	0.06	0.05	0.06	0.06	3.61	ppb

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : Q1255-11 Instrumnet Name : P8
Client Sample ID : MDCZL6 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 16:17:57 DataFile Name : 050AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	94.02	97.87	93.03	94.97	2.69	ppb
Antimony	121-1	0.04	0.07	0.04	0.05	37.05	ppb
Arsenic	75-2	0.94	1.07	1.10	1.04	8.23	ppb
Barium	135-1	47.80	107.35	53.36	69.50	47.33	ppb
Barium	137-1	48.59	110.09	53.95	70.88	48.06	ppb
Beryllium	9-1	0.19	0.52	0.22	0.31	56.98	ppb
Bismuth	209-1				78		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Cadmium	108-1	0.05	0.20	0.11	0.12	63.02	ppb
Cadmium	106-1	-0.94	-0.15	-1.01	-0.70		ppb
Cadmium	111-1	-0.07	0.01	-0.08	-0.04		ppb
Calcium	43-1	12813.70	29534.30	14545.77	18964.59	48.48	ppb
Calcium	44-1	13061.15	29327.27	14510.94	18966.46	47.46	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.11	1.29	1.17	1.19	7.76	ppb
Cobalt	59-2	7.43	7.93	7.25	7.53	4.66	ppb
Copper	63-2	0.27	0.34	0.22	0.28	20.82	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				80		%
Holmium	165-2				101		%
Indium	115-1				80		%
Indium	115-2				99		%
Iron	54-2	17430.43	18575.01	17664.02	17889.82	3.38	ppb
Iron	56-2	17215.40	18294.75	16947.91	17486.02	4.08	ppb
Iron	57-2	16748.92	18173.61	16642.49	17188.34	4.97	ppb
Krypton	83-1						cps
Lead	206-1	1.12	2.63	1.31	1.69	48.80	ppb

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : Q1255-11 Instrumnet Name : P8
Client Sample ID : MDCZL6 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 16:17:57 DataFile Name : 050AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	1.04	2.47	1.21	1.57	49.47	ppb
Lead	208-1	1.08	2.56	1.24	1.63	50.06	ppb
Lithium	6-1				81		%
Magnesium	24-2	6203.07	6766.62	6069.14	6346.28	5.83	ppb
Manganese	55-2	1143.99	1229.99	1146.21	1173.40	4.18	ppb
Molybdenum	94-1	0.44	1.03	0.48	0.65	50.42	ppb
Molybdenum	95-1	0.15	0.38	0.18	0.24	51.34	ppb
Molybdenum	96-1	0.19	0.47	0.22	0.29	53.02	ppb
Molybdenum	97-1	0.17	0.39	0.19	0.25	49.08	ppb
Molybdenum	98-1	0.15	0.36	0.18	0.23	49.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	8.23	8.85	8.33	8.47	3.98	ppb
Phosphorus	31-2	686.74	706.71	624.99	672.82	6.33	ppb
Potassium	39-2	714.84	791.95	713.42	740.07	6.07	ppb
Rhodium	103-1				78		%
Rhodium	103-2				99		%
Scandium	45-1				80		%
Scandium	45-2				100		%
Selenium	82-1	0.43	0.84	0.66	0.64	32.36	ppb
Selenium	77-2	-0.31	0.66	-0.31	0.01	3935.43	ppb
Selenium	78-2	0.00	0.58	1.33	0.63	105.27	ppb
Silicon	28-1	12258.72	28458.38	13792.24	18169.78	49.22	ppb
Silver	107-1	0.04	0.06	0.02	0.04	56.29	ppb
Silver	109-1	0.02	0.06	0.02	0.03	64.94	ppb
Sodium	23-2	45723.02	49322.98	46206.65	47084.22	4.15	ppb
Strontium	86-1	135.45	304.53	152.31	197.43	47.17	ppb
Strontium	88-1	140.83	308.92	154.83	201.53	46.28	ppb
Sulfur	34-1	15395.24	49231.33	18755.77	27794.12	67.07	ppb
Terbium	159-1				80		%
Terbium	159-2				98		%
Thallium	203-1	0.02	0.07	0.02	0.04	71.86	ppb
Thallium	205-1	0.02	0.05	0.02	0.03	66.94	ppb
Tin	118-1	0.03	0.29	0.02	0.11	130.76	ppb
Titanium	47-1	3.47	8.43	3.86	5.25	52.53	ppb
Uranium	238-1	0.01	0.04	0.02	0.02	53.33	ppb

LB Number :

LB134674

Operator :

Jaswal

Lab Sample ID :

Q1255-11

Instrumnet Name :

P8

Client Sample ID :

MDCZL6

Dilution Factor :

1

Date & Time Acquired :

2025-02-11 16:17:57

DataFile Name :

050AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.58	0.61	0.54	0.57	5.93	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				80		%
Yttrium	89-2				100		%
Zinc	66-2	59.68	62.45	56.77	59.63	4.77	ppb
Zirconium	90-1	0.17	0.36	0.17	0.23	47.29	ppb
Zirconium	91-1	0.17	0.34	0.19	0.23	41.06	ppb

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : CCV023 Instrumnet Name : P8
Client Sample ID : CCV023 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 16:21:13 DataFile Name : 051CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49060.38	48671.98	49273.70	49002.02	0.62	ppb
Antimony	121-1	487.08	497.49	501.08	495.22	1.47	ppb
Arsenic	75-2	500.23	491.67	504.68	498.86	1.32	ppb
Barium	135-1	2464.98	2508.90	2551.62	2508.50	1.73	ppb
Barium	137-1	2448.44	2539.70	2545.93	2511.36	2.17	ppb
Beryllium	9-1	500.74	509.40	508.95	506.37	0.96	ppb
Bismuth	209-1				90		%
Bismuth	209-2				87		%
Bromine	81-1						cps
Cadmium	108-1	484.05	499.97	503.24	495.76	2.07	ppb
Cadmium	106-1	491.27	494.28	500.78	495.44	0.98	ppb
Cadmium	111-1	484.62	486.87	496.61	489.37	1.30	ppb
Calcium	43-1	249315.78	247039.58	254807.67	250387.68	1.59	ppb
Calcium	44-1	247412.40	247177.16	253574.37	249387.98	1.45	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	499.19	493.01	496.64	496.28	0.63	ppb
Cobalt	59-2	499.36	492.00	488.37	493.24	1.14	ppb
Copper	63-2	4827.30	4737.41	4756.50	4773.74	0.99	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				98		%
Holmium	165-2				96		%
Indium	115-1				93		%
Indium	115-2				89		%
Iron	54-2	126192.99	124457.54	121671.80	124107.44	1.84	ppb
Iron	56-2	124857.77	121512.50	121279.02	122549.76	1.63	ppb
Iron	57-2	126238.35	122857.33	122059.36	123718.35	1.79	ppb
Krypton	83-1						cps
Lead	206-1	2548.91	2551.82	2524.92	2541.88	0.58	ppb

LB Number :	LB134674	Operator :	Jaswal
Lab Sample ID :	CCV023	Instrumnet Name :	P8
Client Sample ID :	CCV023	Dilution Factor :	1
Date & Time Acquired :	2025-02-11 16:21:13	DataFile Name :	051CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2505.14	2561.60	2536.04	2534.26	1.12	ppb
Lead	208-1	2507.66	2553.75	2540.27	2533.89	0.94	ppb
Lithium	6-1				94		%
Magnesium	24-2	247372.63	243838.34	244201.21	245137.39	0.79	ppb
Manganese	55-2	5060.60	4922.91	4873.95	4952.49	1.95	ppb
Molybdenum	94-1	4977.90	5001.35	5000.17	4993.14	0.26	ppb
Molybdenum	95-1	4968.12	4951.68	5027.77	4982.52	0.80	ppb
Molybdenum	96-1	5040.25	4943.23	5000.84	4994.77	0.98	ppb
Molybdenum	97-1	5005.79	4975.51	5002.18	4994.49	0.33	ppb
Molybdenum	98-1	4959.90	4960.31	5018.20	4979.47	0.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	466.92	462.75	459.81	463.16	0.77	ppb
Phosphorus	31-2	9774.01	9914.78	9883.01	9857.27	0.75	ppb
Potassium	39-2	123230.91	120462.83	121181.40	121625.05	1.18	ppb
Rhodium	103-1				90		%
Rhodium	103-2				87		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	82-1	480.30	491.64	490.55	487.49	1.28	ppb
Selenium	77-2	486.56	496.79	506.41	496.59	2.00	ppb
Selenium	78-2	486.94	476.25	502.77	488.65	2.73	ppb
Silicon	28-1	504.27	507.00	519.09	510.12	1.55	ppb
Silver	107-1	478.17	478.30	498.65	485.04	2.43	ppb
Silver	109-1	479.01	477.74	490.45	482.40	1.45	ppb
Sodium	23-2	262256.14	254040.19	252161.53	256152.62	2.10	ppb
Strontium	86-1	503.74	497.95	517.28	506.32	1.96	ppb
Strontium	88-1	499.62	497.02	505.21	500.62	0.84	ppb
Sulfur	34-1	9951.61	10370.10	10174.75	10165.48	2.06	ppb
Terbium	159-1				99		%
Terbium	159-2				95		%
Thallium	203-1	515.11	517.85	510.56	514.50	0.72	ppb
Thallium	205-1	509.32	509.73	512.34	510.46	0.32	ppb
Tin	118-1	488.26	500.73	506.55	498.51	1.87	ppb
Titanium	47-1	4934.84	4947.40	5077.07	4986.44	1.58	ppb
Uranium	238-1	503.40	511.75	511.83	508.99	0.95	ppb

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : CCV023 Instrumnet Name : P8
Client Sample ID : CCV023 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 16:21:13 DataFile Name : 051CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	498.23	490.50	488.84	492.52	1.02	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				96		%
Zinc	66-2	4878.65	4819.72	4842.29	4846.89	0.61	ppb
Zirconium	90-1	499.50	503.17	511.32	504.66	1.20	ppb
Zirconium	91-1	505.67	497.90	508.49	504.02	1.09	ppb

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : CCB023 Instrumnet Name : P8
Client Sample ID : CCB023 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 16:24:16 DataFile Name : 052CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.12	0.04	0.44	0.20	105.48	ppb
Antimony	121-1	0.13	0.12	0.12	0.12	6.70	ppb
Arsenic	75-2	0.00	-0.03	0.00	-0.01		ppb
Barium	135-1	0.07	0.08	0.10	0.08	15.51	ppb
Barium	137-1	0.11	0.08	0.08	0.09	17.89	ppb
Beryllium	9-1	0.12	0.12	0.09	0.11	15.38	ppb
Bismuth	209-1				102		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Cadmium	108-1	0.06	-0.01	0.06	0.03	115.61	ppb
Cadmium	106-1	-0.06	-1.33	-0.82	-0.73		ppb
Cadmium	111-1	0.02	-0.08	-0.04	-0.04		ppb
Calcium	43-1	8.86	3.58	5.00	5.81	47.01	ppb
Calcium	44-1	-0.33	-1.76	-2.81	-1.63		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.03	0.07	0.09	0.07	46.05	ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	26.46	ppb
Copper	63-2	-0.09	-0.05	-0.11	-0.08		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				98		%
Indium	115-1				102		%
Indium	115-2				97		%
Iron	54-2	3.68	2.57	2.80	3.02	19.52	ppb
Iron	56-2	3.35	2.73	3.07	3.05	10.18	ppb
Iron	57-2	3.56	3.42	2.88	3.29	10.91	ppb
Krypton	83-1						cps
Lead	206-1	0.16	0.14	0.12	0.14	14.17	ppb

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : CCB023 Instrumnet Name : P8
Client Sample ID : CCB023 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 16:24:16 DataFile Name : 052CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.15	0.13	0.11	0.13	15.27	ppb
Lead	208-1	0.17	0.14	0.13	0.14	14.90	ppb
Lithium	6-1				104		%
Magnesium	24-2	-3.69	-4.89	-4.30	-4.29		ppb
Manganese	55-2	0.19	0.16	0.20	0.18	13.26	ppb
Molybdenum	94-1	0.19	0.16	0.17	0.17	9.56	ppb
Molybdenum	95-1	0.20	0.18	0.15	0.18	13.98	ppb
Molybdenum	96-1	0.20	0.17	0.15	0.18	16.53	ppb
Molybdenum	97-1	0.19	0.17	0.14	0.17	14.95	ppb
Molybdenum	98-1	0.19	0.17	0.16	0.17	7.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.12	0.13	0.11	0.12	5.33	ppb
Phosphorus	31-2	-18.21	-13.93	-14.71	-15.62		ppb
Potassium	39-2	7.40	8.51	8.63	8.18	8.30	ppb
Rhodium	103-1				103		%
Rhodium	103-2				99		%
Scandium	45-1				103		%
Scandium	45-2				100		%
Selenium	82-1	0.05	0.18	0.20	0.14	55.56	ppb
Selenium	77-2	-0.31	-0.31	-0.31	-0.31		ppb
Selenium	78-2	0.55	1.11	0.54	0.73	44.32	ppb
Silicon	28-1	1.76	1.27	1.08	1.37	25.57	ppb
Silver	107-1	0.05	0.04	0.04	0.04	17.87	ppb
Silver	109-1	0.04	0.04	0.04	0.04	10.83	ppb
Sodium	23-2	35.57	32.70	33.26	33.84	4.51	ppb
Strontium	86-1	-0.04	-0.04	-0.04	-0.04		ppb
Strontium	88-1	-0.02	-0.02	-0.02	-0.02		ppb
Sulfur	34-1	-261.73	-393.75	-362.21	-339.23		ppb
Terbium	159-1				103		%
Terbium	159-2				99		%
Thallium	203-1	0.04	0.03	0.03	0.04	22.86	ppb
Thallium	205-1	0.04	0.03	0.03	0.03	10.34	ppb
Tin	118-1	0.02	0.01	0.00	0.01	88.92	ppb
Titanium	47-1	0.07	0.07	0.00	0.05	93.87	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	12.61	ppb

LB Number :

LB134674

Operator :

Jaswal

Lab Sample ID :

CCB023

Instrumnet Name :

P8

Client Sample ID :

CCB023

Dilution Factor :

1

Date & Time Acquired :

2025-02-11 16:24:16

DataFile Name :

052CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.02	0.00	0.01	0.01	83.61	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				99		%
Zinc	66-2	0.28	0.22	0.35	0.28	22.70	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	12.83	ppb
Zirconium	91-1	0.03	0.02	0.02	0.02	29.03	ppb

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : S0 Instrumnet Name : P8
Client Sample ID : S0 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 12:05:13 DataFile Name : 004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	103	127	110	113	10.61	cps
Antimony	121-1	57	40	60	52	20.52	cps
Arsenic	75-2	17	0	17	11	86.60	cps
Barium	135-1	253	270	253	259	3.72	cps
Barium	137-1	307	357	353	339	8.25	cps
Beryllium	9-1	366	360	359	362	1.11	cps
Bismuth	209-1	13275325	13140858	13103762	13173315	0.69	cps
Bismuth	209-2	4988262	4906578	4955423	4950088	0.83	cps
Bromine	81-1	3557	3821	3520	3633	4.51	cps
Cadmium	108-1	13	17	30	20	44.10	cps
Cadmium	106-1	8193	8269	8346	8269	0.93	cps
Cadmium	111-1	5752	5787	5844	5794	0.81	cps
Calcium	43-1	420	387	450	419	7.56	cps
Calcium	44-1	29641	29133	28993	29255	1.17	cps
Carbon	12-1	3404220	3349154	3328299	3360557	1.17	cps
Carbon	12-2	23021	22427	22788	22745	1.32	cps
Chlorine	35-1	127939	127697	126887	127508	0.43	cps
Chlorine	35-2	477	520	493	497	4.40	cps
Chromium	52-2	717	713	810	747	7.35	cps
Cobalt	59-2	153	173	197	174	12.43	cps
Copper	63-2	3527	3374	3324	3408	3.11	cps
Dysprosium	156-1	147	103	160	137	21.68	cps
Dysprosium	156-2	3	0	7	3	100.05	cps
Erbium	164-1	133	93	140	122	20.65	cps
Erbium	164-2	40	27	30	32	21.53	cps
Gadolinium	160-1	133	157	117	136	14.82	cps
Gadolinium	160-2	17	20	40	26	49.38	cps
Holmium	165-1	20745007	20390432	20532713	20556051	0.87	cps
Holmium	165-2	6570019	6536123	6438593	6514912	1.05	cps
Indium	115-1	15990482	16095920	16025387	16037263	0.33	cps
Indium	115-2	1383269	1384341	1391629	1386413	0.33	cps
Iron	54-2	383	400	307	363	13.70	cps
Iron	56-2	5831	6001	6128	5987	2.49	cps
Iron	57-2	130	127	157	138	11.93	cps
Krypton	83-1	340	273	243	286	17.33	cps
Lead	206-1	2120	2087	2240	2149	3.75	cps

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : S0 Instrumnet Name : P8
Client Sample ID : S0 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 12:05:13 DataFile Name : 004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	1710	1823	1670	1735	4.59	cps
Lead	208-1	8051	8355	8034	8147	2.21	cps
Lithium	6-1	7490438	7316961	7462925	7423441	1.26	cps
Magnesium	24-2	4121	3911	4371	4134	5.57	cps
Manganese	55-2	140	163	190	164	15.21	cps
Molybdenum	94-1	440	380	353	391	11.35	cps
Molybdenum	95-1	173	147	137	152	12.45	cps
Molybdenum	96-1	237	263	237	246	6.27	cps
Molybdenum	97-1	110	137	120	122	11.02	cps
Molybdenum	98-1	213	200	177	197	9.44	cps
Neodymium	150-1	17	7	7	10	57.72	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	907	930	897	911	1.88	cps
Phosphorus	31-2	70	97	93	87	16.77	cps
Potassium	39-2	9537	9210	9467	9404	1.83	cps
Rhodium	103-1	14912726	14564954	14726231	14734637	1.18	cps
Rhodium	103-2	5463921	5364977	5413198	5414032	0.91	cps
Scandium	45-1	10482385	10523577	10387300	10464421	0.67	cps
Scandium	45-2	183202	183361	188006	184856	1.48	cps
Selenium	82-1	-77	-30	0	-36	-108.66	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	3	0	7	3	100.05	cps
Silicon	28-1	513562	513497	512737	513265	0.09	cps
Silver	107-1	247	233	217	232	6.47	cps
Silver	109-1	73	53	73	67	17.32	cps
Sodium	23-2	57104	56526	56874	56834	0.51	cps
Strontium	86-1	730	830	783	781	6.41	cps
Strontium	88-1	2950	2874	2654	2826	5.45	cps
Sulfur	34-1	748981	749440	741213	746544	0.62	cps
Terbium	159-1	20338462	20804449	20860423	20667778	1.39	cps
Terbium	159-2	6329934	6305846	6337854	6324544	0.26	cps
Thallium	203-1	343	407	387	379	8.55	cps
Thallium	205-1	883	993	897	924	6.49	cps
Tin	118-1	3200	3187	3210	3199	0.37	cps
Titanium	47-1	633	547	740	640	15.14	cps
Uranium	238-1	133	210	150	164	24.52	cps

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : S0 Instrumnet Name : P8
Client Sample ID : S0 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 12:05:13 DataFile Name : 004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	13	23	10	16	44.60	cps
Ytterbium	172-1	117	123	137	126	8.11	cps
Ytterbium	172-2	27	53	23	34	47.73	cps
Ytterbium	176-1	2584	2007	1977	2189	15.62	cps
Ytterbium	176-2	337	397	383	372	8.46	cps
Yttrium	89-1	27036724	26993352	27119239	27049772	0.24	cps
Yttrium	89-2	1699120	1719689	1723718	1714176	0.77	cps
Zinc	66-2	237	183	167	196	18.70	cps
Zirconium	90-1	903	917	920	913	0.97	cps
Zirconium	91-1	193	157	173	174	10.52	cps

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : S02 Instrumnet Name : P8
Client Sample ID : S02 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 12:08:35 DataFile Name : 005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1293	1397	1263	1318	5.31	cps
Antimony	121-1	36368	36245	36582	36398	0.47	cps
Arsenic	75-2	303	340	320	321	5.72	cps
Barium	135-1	42958	43680	43994	43544	1.22	cps
Barium	137-1	76106	75060	75891	75686	0.73	cps
Beryllium	9-1	6302	6256	6279	6279	0.37	cps
Bismuth	209-1	13305169	13319359	13198515	13274348	0.50	cps
Bismuth	209-2	4897531	5006140	5001587	4968419	1.24	cps
Bromine	81-1	3884	3764	3891	3846	1.85	cps
Cadmium	108-1	353	400	370	374	6.32	cps
Cadmium	106-1	8796	8256	8700	8584	3.36	cps
Cadmium	111-1	10444	10143	10441	10343	1.67	cps
Calcium	43-1	28308	28715	28796	28606	0.91	cps
Calcium	44-1	479668	486118	482908	482898	0.67	cps
Carbon	12-1	3363525	3372602	3371157	3369095	0.14	cps
Carbon	12-2	22377	23045	22674	22699	1.47	cps
Chlorine	35-1	126567	126605	128729	127300	0.97	cps
Chlorine	35-2	393	443	443	427	6.77	cps
Chromium	52-2	7622	7826	7529	7659	1.98	cps
Cobalt	59-2	7135	7269	7429	7277	2.02	cps
Copper	63-2	14134	14411	14481	14342	1.28	cps
Dysprosium	156-1	133	157	160	150	9.68	cps
Dysprosium	156-2	17	10	10	12	31.50	cps
Erbium	164-1	70	80	110	87	24.02	cps
Erbium	164-2	37	17	27	27	37.50	cps
Gadolinium	160-1	127	143	123	131	8.17	cps
Gadolinium	160-2	20	13	23	19	26.96	cps
Holmium	165-1	20748497	20702416	20640064	20696992	0.26	cps
Holmium	165-2	6496169	6612263	6547834	6552089	0.89	cps
Indium	115-1	16067441	16277713	16096744	16147299	0.71	cps
Indium	115-2	1390285	1408611	1395889	1398262	0.67	cps
Iron	54-2	7652	7942	7796	7797	1.86	cps
Iron	56-2	139733	140366	138636	139579	0.63	cps
Iron	57-2	3447	3550	3340	3446	3.05	cps
Krypton	83-1	270	343	260	291	15.63	cps
Lead	206-1	16337	16728	16667	16577	1.27	cps

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : S02 Instrumnet Name : P8
Client Sample ID : S02 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 12:08:35 DataFile Name : 005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	14084	14235	14021	14113	0.78	cps
Lead	208-1	65676	65889	65622	65729	0.21	cps
Lithium	6-1	7417028	7533299	7482519	7477615	0.78	cps
Magnesium	24-2	125642	127387	126987	126672	0.72	cps
Manganese	55-2	1570	1497	1553	1540	2.50	cps
Molybdenum	94-1	36150	36735	36351	36412	0.82	cps
Molybdenum	95-1	43618	43702	43859	43726	0.28	cps
Molybdenum	96-1	48615	49963	49016	49198	1.41	cps
Molybdenum	97-1	27477	27430	27764	27557	0.66	cps
Molybdenum	98-1	69878	71265	71141	70761	1.08	cps
Neodymium	150-1	13	7	20	13	49.99	cps
Neodymium	150-2	0	7	3	3	100.05	cps
Nickel	60-2	2750	2860	2837	2816	2.06	cps
Phosphorus	31-2	137	140	187	154	18.10	cps
Potassium	39-2	72698	72578	72829	72702	0.17	cps
Rhodium	103-1	14933407	15023952	14957859	14971740	0.31	cps
Rhodium	103-2	5415561	5419026	5486447	5440344	0.73	cps
Scandium	45-1	10404605	10362599	10440548	10402584	0.38	cps
Scandium	45-2	185967	188890	186642	187166	0.82	cps
Selenium	82-1	1410	1403	1267	1360	5.95	cps
Selenium	77-2	23	13	20	19	26.96	cps
Selenium	78-2	53	73	80	69	20.15	cps
Silicon	28-1	592652	588031	589567	590083	0.40	cps
Silver	107-1	21587	22044	22301	21978	1.65	cps
Silver	109-1	20906	20973	21433	21104	1.36	cps
Sodium	23-2	295886	295862	296889	296212	0.20	cps
Strontium	86-1	6432	6291	6255	6326	1.47	cps
Strontium	88-1	51819	51832	52250	51967	0.47	cps
Sulfur	34-1	758163	757218	761096	758826	0.27	cps
Terbium	159-1	20876308	21064451	20780423	20907061	0.69	cps
Terbium	159-2	6254713	6310590	6250826	6272043	0.53	cps
Thallium	203-1	18463	18857	17842	18388	2.78	cps
Thallium	205-1	44195	44921	44162	44426	0.97	cps
Tin	118-1	74953	75711	75929	75531	0.68	cps
Titanium	47-1	13680	13420	13727	13609	1.22	cps
Uranium	238-1	56194	56314	56458	56322	0.24	cps

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : S02 Instrumnet Name : P8
Client Sample ID : S02 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 12:08:35 DataFile Name : 005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	13557	13423	13577	13519	0.62	cps
Ytterbium	172-1	140	130	117	129	9.08	cps
Ytterbium	172-2	50	43	27	40	30.04	cps
Ytterbium	176-1	2177	2367	2224	2256	4.39	cps
Ytterbium	176-2	333	357	403	364	9.78	cps
Yttrium	89-1	26691519	26956347	27177395	26941754	0.90	cps
Yttrium	89-2	1737480	1722980	1768395	1742952	1.33	cps
Zinc	66-2	3157	3047	3224	3143	2.84	cps
Zirconium	90-1	30577	30607	31275	30820	1.28	cps
Zirconium	91-1	6805	6868	6668	6781	1.51	cps

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : S03 Instrumnet Name : P8
Client Sample ID : S03 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 12:11:58 DataFile Name : 006CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	62842	62641	62574	62685	0.22	cps
Antimony	121-1	861745	857215	867603	862188	0.60	cps
Arsenic	75-2	14811	15335	15045	15064	1.74	cps
Barium	135-1	1039569	1035146	1040465	1038393	0.27	cps
Barium	137-1	1829036	1837006	1822590	1829544	0.39	cps
Beryllium	9-1	280527	282353	279656	280845	0.49	cps
Bismuth	209-1	13375628	13388117	13312811	13358852	0.30	cps
Bismuth	209-2	4898733	4904587	4900921	4901414	0.06	cps
Bromine	81-1	3841	3781	3887	3836	1.39	cps
Cadmium	108-1	17431	17855	17792	17693	1.29	cps
Cadmium	106-1	33731	33223	33768	33574	0.91	cps
Cadmium	111-1	221619	223413	223740	222924	0.51	cps
Calcium	43-1	267443	270725	270715	269628	0.70	cps
Calcium	44-1	4398491	4410493	4446600	4418528	0.57	cps
Carbon	12-1	3434325	3453165	3427420	3438303	0.39	cps
Carbon	12-2	23108	23148	23325	23194	0.50	cps
Chlorine	35-1	126987	126803	127035	126942	0.10	cps
Chlorine	35-2	440	410	503	451	10.56	cps
Chromium	52-2	165134	165134	166152	165473	0.36	cps
Cobalt	59-2	322127	324722	322021	322956	0.47	cps
Copper	63-2	2591688	2619645	2610124	2607152	0.55	cps
Dysprosium	156-1	167	210	233	203	16.64	cps
Dysprosium	156-2	3	7	23	11	96.43	cps
Erbium	164-1	123	167	140	143	15.25	cps
Erbium	164-2	37	50	37	41	18.72	cps
Gadolinium	160-1	123	157	90	123	27.03	cps
Gadolinium	160-2	13	20	17	17	20.01	cps
Holmium	165-1	20808719	20581035	20637970	20675908	0.57	cps
Holmium	165-2	6534923	6575449	6485936	6532103	0.69	cps
Indium	115-1	16309522	16038421	16068709	16138884	0.92	cps
Indium	115-2	1365235	1378947	1381864	1375349	0.65	cps
Iron	54-2	346744	344288	347558	346196	0.49	cps
Iron	56-2	6339515	6390928	6321320	6350588	0.57	cps
Iron	57-2	156734	157035	156201	156657	0.27	cps
Krypton	83-1	263	303	220	262	15.90	cps
Lead	206-1	3704497	3801680	3748032	3751403	1.30	cps

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : S03 Instrumnet Name : P8
Client Sample ID : S03 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 12:11:58 DataFile Name : 006CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	3218431	3221582	3141539	3193851	1.42	cps
Lead	208-1	14514907	14810707	14604523	14643379	1.04	cps
Lithium	6-1	7556054	7252764	7432887	7413902	2.06	cps
Magnesium	24-2	1189372	1203052	1212261	1201562	0.96	cps
Manganese	55-2	667130	665803	667326	666753	0.12	cps
Molybdenum	94-1	2910849	3005718	2911690	2942752	1.85	cps
Molybdenum	95-1	4301342	4316458	4218045	4278615	1.24	cps
Molybdenum	96-1	4705375	4692972	4698877	4699074	0.13	cps
Molybdenum	97-1	2669178	2696189	2667114	2677493	0.61	cps
Molybdenum	98-1	6858357	6929595	6932663	6906871	0.61	cps
Neodymium	150-1	77	73	127	92	32.40	cps
Neodymium	150-2	3	0	7	3	100.05	cps
Nickel	60-2	90005	90677	90052	90245	0.42	cps
Phosphorus	31-2	2774	3087	2914	2925	5.37	cps
Potassium	39-2	312452	313571	314651	313558	0.35	cps
Rhodium	103-1	14903637	14669506	14852004	14808382	0.83	cps
Rhodium	103-2	5322813	5342154	5387958	5350975	0.63	cps
Scandium	45-1	10647223	10625834	10439565	10570874	1.08	cps
Scandium	45-2	184366	182989	182790	183382	0.47	cps
Selenium	82-1	12329	12853	12840	12674	2.36	cps
Selenium	77-2	173	210	190	191	9.60	cps
Selenium	78-2	640	720	623	661	7.82	cps
Silicon	28-1	1170052	1171124	1164189	1168455	0.32	cps
Silver	107-1	1089316	1089754	1096649	1091906	0.38	cps
Silver	109-1	1034800	1052768	1043563	1043710	0.86	cps
Sodium	23-2	2349817	2397796	2405859	2384490	1.27	cps
Strontium	86-1	271544	270835	270134	270838	0.26	cps
Strontium	88-1	2410179	2414751	2406107	2410346	0.18	cps
Sulfur	34-1	850008	844585	840403	844999	0.57	cps
Terbium	159-1	21490709	21178267	21023054	21230677	1.12	cps
Terbium	159-2	6226428	6262761	6222322	6237170	0.36	cps
Thallium	203-1	858876	878597	875274	870915	1.21	cps
Thallium	205-1	2133244	2132464	2172434	2146047	1.06	cps
Tin	118-1	692535	701098	700159	697931	0.67	cps
Titanium	47-1	1268812	1276069	1288188	1277690	0.77	cps
Uranium	238-1	2925307	2889464	2890129	2901633	0.71	cps

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : S03 Instrumnet Name : P8
Client Sample ID : S03 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 12:11:58 DataFile Name : 006CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	128063	127488	125655	127069	0.99	cps
Ytterbium	172-1	93	107	110	103	8.54	cps
Ytterbium	172-2	40	50	53	48	14.52	cps
Ytterbium	176-1	6368	6442	6245	6352	1.57	cps
Ytterbium	176-2	1517	1640	1637	1598	4.40	cps
Yttrium	89-1	27626859	27006856	26922680	27185465	1.41	cps
Yttrium	89-2	1703513	1734378	1687292	1708394	1.40	cps
Zinc	66-2	266730	266070	269099	267300	0.60	cps
Zirconium	90-1	1487592	1512282	1492083	1497319	0.88	cps
Zirconium	91-1	320865	329555	325799	325406	1.34	cps

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : S04 Instrumnet Name : P8
Client Sample ID : S04 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 12:15:02 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	154440	155120	154841	154800	0.22	cps
Antimony	121-1	2191182	2173691	2172950	2179274	0.47	cps
Arsenic	75-2	36721	36988	37149	36953	0.58	cps
Barium	135-1	2645811	2641562	2691543	2659639	1.04	cps
Barium	137-1	4467736	4611294	4498732	4525920	1.67	cps
Beryllium	9-1	683968	688060	689392	687140	0.41	cps
Bismuth	209-1	13265025	13219506	13088146	13190892	0.70	cps
Bismuth	209-2	4846478	4819631	4865973	4844027	0.48	cps
Bromine	81-1	3901	3861	3991	3917	1.70	cps
Cadmium	108-1	44167	44033	43572	43924	0.71	cps
Cadmium	106-1	69226	68820	69869	69305	0.76	cps
Cadmium	111-1	531645	540851	539395	537297	0.92	cps
Calcium	43-1	653566	658458	664813	658946	0.86	cps
Calcium	44-1	10694724	10763806	10678590	10712373	0.42	cps
Carbon	12-1	3568904	3600141	3608475	3592507	0.58	cps
Carbon	12-2	24177	24183	24637	24332	1.09	cps
Chlorine	35-1	127730	129358	129281	128790	0.71	cps
Chlorine	35-2	550	437	420	469	15.09	cps
Chromium	52-2	406849	405764	407534	406716	0.22	cps
Cobalt	59-2	785348	788507	783457	785770	0.32	cps
Copper	63-2	6278072	6260123	6210186	6249460	0.56	cps
Dysprosium	156-1	297	273	233	268	11.96	cps
Dysprosium	156-2	0	17	10	9	94.38	cps
Erbium	164-1	127	150	143	140	8.58	cps
Erbium	164-2	33	60	47	47	28.58	cps
Gadolinium	160-1	130	173	133	146	16.57	cps
Gadolinium	160-2	33	37	17	29	37.08	cps
Holmium	165-1	20665574	20655454	20567261	20629429	0.26	cps
Holmium	165-2	6614905	6506883	6606556	6576114	0.91	cps
Indium	115-1	16051284	15834460	15928018	15937921	0.68	cps
Indium	115-2	1367194	1367196	1362316	1365569	0.21	cps
Iron	54-2	845134	853505	848197	848945	0.50	cps
Iron	56-2	15588463	15591745	15533624	15571277	0.21	cps
Iron	57-2	383801	385971	386725	385499	0.39	cps
Krypton	83-1	270	267	297	278	5.92	cps
Lead	206-1	8902627	8945081	8979823	8942510	0.43	cps

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : S04 Instrumnet Name : P8
Client Sample ID : S04 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 12:15:02 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	7744967	7683947	7787916	7738943	0.68	cps
Lead	208-1	35704779	35662100	35816200	35727693	0.22	cps
Lithium	6-1	7534394	7433388	7286078	7417953	1.68	cps
Magnesium	24-2	2909807	2928592	2950806	2929735	0.70	cps
Manganese	55-2	1689134	1699911	1661680	1683575	1.17	cps
Molybdenum	94-1	7208966	7126941	7213334	7183080	0.68	cps
Molybdenum	95-1	10610964	10616673	10565929	10597855	0.26	cps
Molybdenum	96-1	11601820	11514836	11528028	11548228	0.41	cps
Molybdenum	97-1	6536549	6540304	6480236	6519030	0.52	cps
Molybdenum	98-1	17090663	16976508	17271388	17112853	0.87	cps
Neodymium	150-1	130	210	213	184	25.58	cps
Neodymium	150-2	10	0	0	3	173.21	cps
Nickel	60-2	218976	220218	219494	219562	0.28	cps
Phosphorus	31-2	7332	7299	7432	7354	0.94	cps
Potassium	39-2	758554	755128	755929	756537	0.24	cps
Rhodium	103-1	14654109	14546289	14851517	14683971	1.05	cps
Rhodium	103-2	5339703	5322778	5279178	5313887	0.59	cps
Scandium	45-1	10434892	10510160	10430920	10458657	0.43	cps
Scandium	45-2	185004	183519	185959	184827	0.67	cps
Selenium	82-1	31012	30778	31142	30977	0.60	cps
Selenium	77-2	463	460	487	470	3.09	cps
Selenium	78-2	1537	1667	1627	1610	4.14	cps
Silicon	28-1	2145101	2115919	2142495	2134505	0.76	cps
Silver	107-1	2768892	2738971	2757157	2755007	0.55	cps
Silver	109-1	2623589	2637883	2638520	2633331	0.32	cps
Sodium	23-2	5717072	5679413	5746307	5714264	0.59	cps
Strontium	86-1	658443	663419	670289	664050	0.90	cps
Strontium	88-1	5842458	5881541	5960140	5894713	1.02	cps
Sulfur	34-1	937034	966793	934475	946101	1.90	cps
Terbium	159-1	21272376	20977451	21016563	21088796	0.76	cps
Terbium	159-2	6301849	6242359	6179182	6241130	0.98	cps
Thallium	203-1	2180431	2212830	2203345	2198869	0.76	cps
Thallium	205-1	5307194	5263150	5227958	5266101	0.75	cps
Tin	118-1	1763345	1733193	1733849	1743462	0.99	cps
Titanium	47-1	3096615	3128598	3147248	3124154	0.82	cps
Uranium	238-1	7051129	7114458	7130242	7098610	0.59	cps

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : S04 Instrumnet Name : P8
Client Sample ID : S04 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 12:15:02 DataFile Name : 007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	312258	310936	315316	312837	0.72	cps
Ytterbium	172-1	110	183	140	144	25.53	cps
Ytterbium	172-2	53	60	50	54	9.35	cps
Ytterbium	176-1	12089	12473	12079	12214	1.84	cps
Ytterbium	176-2	3507	3524	3477	3503	0.68	cps
Yttrium	89-1	27252918	26872171	27229779	27118289	0.79	cps
Yttrium	89-2	1704380	1715493	1725344	1715072	0.61	cps
Zinc	66-2	648243	652368	653929	651513	0.45	cps
Zirconium	90-1	3661290	3697553	3668607	3675817	0.52	cps
Zirconium	91-1	794656	798387	798881	797308	0.29	cps

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : S05 Instrumnet Name : P8
Client Sample ID : S05 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 12:18:01 DataFile Name : 008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	312364	309106	309287	310252	0.59	cps
Antimony	121-1	4252500	4266716	4313114	4277443	0.74	cps
Arsenic	75-2	73845	75042	73658	74182	1.01	cps
Barium	135-1	5151990	5169594	5212134	5177906	0.60	cps
Barium	137-1	8784702	8937141	8955277	8892373	1.05	cps
Beryllium	9-1	1361679	1373684	1369123	1368162	0.44	cps
Bismuth	209-1	13313163	12990345	12819564	13041024	1.92	cps
Bismuth	209-2	4764676	4822292	4959287	4848752	2.06	cps
Bromine	81-1	3901	3927	4081	3969	2.45	cps
Cadmium	108-1	84879	86892	85231	85667	1.25	cps
Cadmium	106-1	126049	128057	127552	127219	0.82	cps
Cadmium	111-1	1032022	1051711	1052785	1045506	1.12	cps
Calcium	43-1	1299438	1340927	1315668	1318677	1.59	cps
Calcium	44-1	20692978	21459617	21121501	21091365	1.82	cps
Carbon	12-1	3662095	3721340	3760407	3714614	1.33	cps
Carbon	12-2	26460	25709	26370	26180	1.57	cps
Chlorine	35-1	130946	133482	133828	132752	1.19	cps
Chlorine	35-2	447	480	497	474	5.37	cps
Chromium	52-2	800262	801017	798068	799782	0.19	cps
Cobalt	59-2	1597019	1575898	1577618	1583512	0.74	cps
Copper	63-2	12339749	12538734	12356776	12411753	0.89	cps
Dysprosium	156-1	310	327	307	314	3.41	cps
Dysprosium	156-2	30	30	10	23	49.49	cps
Erbium	164-1	133	133	150	139	6.93	cps
Erbium	164-2	67	47	50	54	19.68	cps
Gadolinium	160-1	167	140	190	166	15.11	cps
Gadolinium	160-2	50	23	40	38	35.67	cps
Holmium	165-1	21209266	20709873	20287729	20735622	2.22	cps
Holmium	165-2	6530785	6320486	6574396	6475222	2.10	cps
Indium	115-1	16271167	15630076	15765957	15889066	2.13	cps
Indium	115-2	1338590	1319639	1388900	1349043	2.65	cps
Iron	54-2	1734082	1696726	1713286	1714698	1.09	cps
Iron	56-2	30837090	31015804	30655718	30836204	0.58	cps
Iron	57-2	755760	760624	760940	759108	0.38	cps
Krypton	83-1	293	253	247	264	9.54	cps
Lead	206-1	17696720	17716294	17720760	17711258	0.07	cps

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : S05 Instrumnet Name : P8
Client Sample ID : S05 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 12:18:01 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	14993644	15185476	15107397	15095506	0.64	cps
Lead	208-1	69383994	70318296	69855043	69852444	0.67	cps
Lithium	6-1	7487475	7325423	7181148	7331349	2.09	cps
Magnesium	24-2	5932262	5834666	5781024	5849317	1.31	cps
Manganese	55-2	3329841	3314469	3345719	3330010	0.47	cps
Molybdenum	94-1	14283499	14390014	14309477	14327663	0.39	cps
Molybdenum	95-1	20934362	21087313	20820556	20947410	0.64	cps
Molybdenum	96-1	22827276	23123186	22843183	22931215	0.73	cps
Molybdenum	97-1	12877961	12884673	12996096	12919577	0.51	cps
Molybdenum	98-1	33710703	34181160	34180223	34024029	0.80	cps
Neodymium	150-1	333	370	323	342	7.18	cps
Neodymium	150-2	7	20	10	12	56.76	cps
Nickel	60-2	429757	432499	429113	430456	0.42	cps
Phosphorus	31-2	14457	14641	14140	14413	1.76	cps
Potassium	39-2	1530442	1542048	1528991	1533827	0.47	cps
Rhodium	103-1	14729377	14394934	14141878	14422063	2.04	cps
Rhodium	103-2	5212580	5156799	5383180	5250853	2.25	cps
Scandium	45-1	10608094	10492659	10346866	10482540	1.25	cps
Scandium	45-2	184421	180803	188250	184491	2.02	cps
Selenium	82-1	61482	63769	62068	62439	1.90	cps
Selenium	77-2	987	990	840	939	9.12	cps
Selenium	78-2	3174	3124	3254	3184	2.06	cps
Silicon	28-1	3659628	3701099	3757618	3706115	1.33	cps
Silver	107-1	5386278	5439302	5423455	5416345	0.50	cps
Silver	109-1	5093295	5139964	5144134	5125797	0.55	cps
Sodium	23-2	11551552	11492227	11321819	11455199	1.04	cps
Strontium	86-1	1300823	1308379	1319779	1309661	0.73	cps
Strontium	88-1	11714221	11751618	11674771	11713537	0.33	cps
Sulfur	34-1	1093495	1108879	1109954	1104109	0.83	cps
Terbium	159-1	21356366	20668220	21018412	21014332	1.64	cps
Terbium	159-2	6156864	6143251	6464572	6254896	2.91	cps
Thallium	203-1	4367558	4432607	4371154	4390439	0.83	cps
Thallium	205-1	10210487	10306705	10183173	10233455	0.63	cps
Tin	118-1	3437706	3398946	3475028	3437227	1.11	cps
Titanium	47-1	6089271	6158833	6003403	6083836	1.28	cps
Uranium	238-1	13838342	14022877	13713204	13858141	1.12	cps

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : S05 Instrumnet Name : P8
Client Sample ID : S05 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 12:18:01 DataFile Name : 008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	624364	623205	615548	621039	0.77	cps
Ytterbium	172-1	157	153	137	149	7.20	cps
Ytterbium	172-2	93	60	73	76	22.20	cps
Ytterbium	176-1	22503	21892	22172	22189	1.38	cps
Ytterbium	176-2	6512	6575	6708	6598	1.52	cps
Yttrium	89-1	27551317	26654479	26523855	26909883	2.08	cps
Yttrium	89-2	1691862	1643530	1759845	1698412	3.44	cps
Zinc	66-2	1286808	1288963	1283248	1286340	0.22	cps
Zirconium	90-1	7264335	7319011	7257533	7280293	0.46	cps
Zirconium	91-1	1635766	1627491	1646655	1636637	0.59	cps

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : S06 Instrumnet Name : P8
Client Sample ID : S06 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 12:20:51 DataFile Name : 009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	607203	609205	609822	608743	0.22	cps
Antimony	121-1	8463293	8562131	8584291	8536571	0.75	cps
Arsenic	75-2	145118	148051	146054	146408	1.02	cps
Barium	135-1	10320615	10355662	10301380	10325886	0.27	cps
Barium	137-1	17851688	17651255	17701861	17734935	0.59	cps
Beryllium	9-1	2727373	2678639	2679451	2695154	1.04	cps
Bismuth	209-1	12942676	12583387	12869207	12798423	1.48	cps
Bismuth	209-2	4657111	4725707	4640494	4674437	0.97	cps
Bromine	81-1	3991	3884	3861	3912	1.77	cps
Cadmium	108-1	169143	167884	170385	169137	0.74	cps
Cadmium	106-1	244958	246018	243566	244848	0.50	cps
Cadmium	111-1	2086245	2174443	2085266	2115318	2.42	cps
Calcium	43-1	2620377	2650772	2638075	2636408	0.58	cps
Calcium	44-1	42570386	41686527	42918814	42391909	1.50	cps
Carbon	12-1	3906252	3971130	4039518	3972300	1.68	cps
Carbon	12-2	28985	29075	28541	28867	0.99	cps
Chlorine	35-1	142735	143116	146082	143977	1.27	cps
Chlorine	35-2	553	570	547	557	2.16	cps
Chromium	52-2	1662985	1638207	1615854	1639015	1.44	cps
Cobalt	59-2	3111036	3125440	3158972	3131816	0.79	cps
Copper	63-2	24086260	24076182	24014500	24058981	0.16	cps
Dysprosium	156-1	353	377	333	354	6.12	cps
Dysprosium	156-2	27	23	33	28	18.33	cps
Erbium	164-1	200	160	187	182	11.18	cps
Erbium	164-2	53	63	50	56	12.49	cps
Gadolinium	160-1	220	217	173	203	12.80	cps
Gadolinium	160-2	60	53	50	54	9.35	cps
Holmium	165-1	20759480	20549427	20493392	20600766	0.68	cps
Holmium	165-2	6442398	6488947	6441124	6457490	0.42	cps
Indium	115-1	15762101	15568416	15213068	15514529	1.79	cps
Indium	115-2	1302560	1305982	1309783	1306109	0.28	cps
Iron	54-2	3420010	3368823	3374623	3387819	0.83	cps
Iron	56-2	60885091	61186556	60281579	60784409	0.76	cps
Iron	57-2	1552134	1580667	1555214	1562672	1.00	cps
Krypton	83-1	293	290	290	291	0.66	cps
Lead	206-1	35462491	35373334	35498237	35444687	0.18	cps

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : S06 Instrumnet Name : P8
Client Sample ID : S06 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 12:20:51 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	30510363	30121232	30287233	30306276	0.64	cps
Lead	208-1	140553358	138932536	139873282	139786392	0.58	cps
Lithium	6-1	7287956	7263823	7150297	7234025	1.02	cps
Magnesium	24-2	11329883	11374769	11439855	11381502	0.49	cps
Manganese	55-2	6547180	6534003	6410631	6497271	1.16	cps
Molybdenum	94-1	29031846	28887644	28935524	28951671	0.25	cps
Molybdenum	95-1	42017699	41907868	42360721	42095429	0.56	cps
Molybdenum	96-1	45754286	45523233	46404339	45893953	1.00	cps
Molybdenum	97-1	25840026	25689890	25754914	25761610	0.29	cps
Molybdenum	98-1	68871937	68083521	67683009	68212822	0.89	cps
Neodymium	150-1	650	697	603	650	7.18	cps
Neodymium	150-2	13	20	17	17	20.01	cps
Nickel	60-2	832191	843350	837122	837554	0.67	cps
Phosphorus	31-2	29226	29507	29407	29380	0.48	cps
Potassium	39-2	3046379	3013239	3031221	3030280	0.55	cps
Rhodium	103-1	14460019	14043339	13936805	14146721	1.95	cps
Rhodium	103-2	5084232	5127604	5014711	5075516	1.12	cps
Scandium	45-1	10478442	10064474	10260609	10267841	2.02	cps
Scandium	45-2	180549	182793	182689	182010	0.70	cps
Selenium	82-1	122166	123786	121032	122328	1.13	cps
Selenium	77-2	1803	1800	1783	1796	0.60	cps
Selenium	78-2	6031	5898	6121	6017	1.87	cps
Silicon	28-1	6755868	6861979	6892155	6836667	1.05	cps
Silver	107-1	10490453	10613701	10691255	10598470	0.96	cps
Silver	109-1	9952605	10168089	10121820	10080838	1.13	cps
Sodium	23-2	22758015	22645304	22807711	22737010	0.37	cps
Strontium	86-1	2675469	2697756	2684703	2685976	0.42	cps
Strontium	88-1	23186521	23113263	23295741	23198509	0.40	cps
Sulfur	34-1	1440525	1437112	1428745	1435461	0.42	cps
Terbium	159-1	21168585	21159863	21144342	21157597	0.06	cps
Terbium	159-2	6117703	6281247	6175733	6191561	1.34	cps
Thallium	203-1	8515575	8559202	8675637	8583471	0.96	cps
Thallium	205-1	20328353	20635199	20666248	20543267	0.91	cps
Tin	118-1	6721864	6795603	6754376	6757281	0.55	cps
Titanium	47-1	12351255	12146266	12237509	12245010	0.84	cps
Uranium	238-1	27733745	27946810	27631951	27770835	0.58	cps

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : S06 Instrumnet Name : P8
Client Sample ID : S06 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 12:20:51 DataFile Name : 009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1244265	1234892	1230532	1236563	0.57	cps
Ytterbium	172-1	197	253	240	230	12.88	cps
Ytterbium	172-2	47	67	63	59	18.19	cps
Ytterbium	176-1	42602	40863	42337	41934	2.23	cps
Ytterbium	176-2	12960	13117	13343	13140	1.47	cps
Yttrium	89-1	27132938	26555681	26802240	26830286	1.08	cps
Yttrium	89-2	1687718	1664263	1658404	1670128	0.93	cps
Zinc	66-2	2576205	2610806	2609684	2598898	0.76	cps
Zirconium	90-1	14580628	14517316	14898375	14665440	1.39	cps
Zirconium	91-1	3252433	3246713	3362852	3287332	1.99	cps

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : S07 Instrumnet Name : P8
Client Sample ID : S07 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 12:23:38 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1253403	1259425	1229557	1247462	1.27	cps
Antimony	121-1	16472252	16591189	16704403	16589281	0.70	cps
Arsenic	75-2	290723	290754	286900	289459	0.77	cps
Barium	135-1	19996131	19972217	20286261	20084870	0.87	cps
Barium	137-1	34975251	34631722	34680037	34762337	0.53	cps
Beryllium	9-1	5173412	5268338	5238123	5226624	0.93	cps
Bismuth	209-1	12406000	12609147	12411609	12475585	0.93	cps
Bismuth	209-2	4678991	4655771	4639686	4658149	0.42	cps
Bromine	81-1	3901	4044	4171	4038	3.35	cps
Cadmium	108-1	324564	330107	329015	327896	0.90	cps
Cadmium	106-1	463915	469838	467456	467070	0.64	cps
Cadmium	111-1	4039130	4062925	4092556	4064871	0.66	cps
Calcium	43-1	5099674	5152446	5099255	5117125	0.60	cps
Calcium	44-1	82942632	82818747	83246524	83002634	0.27	cps
Carbon	12-1	4366607	4520629	4641762	4509666	3.06	cps
Carbon	12-2	34110	34340	35493	34647	2.14	cps
Chlorine	35-1	161836	165790	167757	165128	1.83	cps
Chlorine	35-2	630	583	677	630	7.41	cps
Chromium	52-2	3284374	3248647	3261141	3264721	0.56	cps
Cobalt	59-2	6100678	5998346	6124696	6074573	1.10	cps
Copper	63-2	47449666	46659593	46918129	47009129	0.86	cps
Dysprosium	156-1	490	547	537	524	5.77	cps
Dysprosium	156-2	53	37	43	44	18.87	cps
Erbium	164-1	273	287	253	271	6.19	cps
Erbium	164-2	100	77	117	98	20.55	cps
Gadolinium	160-1	257	250	230	246	5.65	cps
Gadolinium	160-2	100	43	67	70	40.69	cps
Holmium	165-1	20252447	20507497	20155254	20305066	0.90	cps
Holmium	165-2	6470568	6469976	6408374	6449639	0.55	cps
Indium	115-1	14918787	15100736	14984400	15001307	0.61	cps
Indium	115-2	1276170	1281772	1272294	1276746	0.37	cps
Iron	54-2	6650436	6660262	6656094	6655597	0.07	cps
Iron	56-2	120342328	119255895	120285395	119961206	0.51	cps
Iron	57-2	3063447	3031906	3126224	3073859	1.56	cps
Krypton	83-1	333	310	310	318	4.24	cps
Lead	206-1	67793259	68327722	68119762	68080248	0.40	cps

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : S07 Instrumnet Name : P8
Client Sample ID : S07 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 12:23:38 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	58822957	58852269	58491642	58722290	0.34	cps
Lead	208-1	270014228	271731893	270174799	270640307	0.35	cps
Lithium	6-1	7034089	7203445	7130692	7122742	1.19	cps
Magnesium	24-2	22507369	22281817	22691778	22493655	0.91	cps
Manganese	55-2	12965757	12842416	12992662	12933612	0.62	cps
Molybdenum	94-1	56381386	56842971	57035257	56753205	0.59	cps
Molybdenum	95-1	82222499	82734274	83445289	82800687	0.74	cps
Molybdenum	96-1	89213772	90138465	91652042	90334760	1.36	cps
Molybdenum	97-1	50615808	50990074	51667063	51090981	1.04	cps
Molybdenum	98-1	133276021	133777898	133875238	133643052	0.24	cps
Neodymium	150-1	1267	1370	1197	1278	6.82	cps
Neodymium	150-2	27	43	53	41	32.76	cps
Nickel	60-2	1732698	1708735	1699299	1713577	1.00	cps
Phosphorus	31-2	57192	57068	56506	56922	0.64	cps
Potassium	39-2	5888830	5908282	5845228	5880780	0.55	cps
Rhodium	103-1	13592335	13824641	13668142	13695039	0.87	cps
Rhodium	103-2	5052150	4924117	4966561	4980942	1.31	cps
Scandium	45-1	10248553	10077105	10354024	10226561	1.37	cps
Scandium	45-2	183829	183252	184454	183845	0.33	cps
Selenium	82-1	238742	241081	241701	240508	0.65	cps
Selenium	77-2	3641	3387	3510	3513	3.61	cps
Selenium	78-2	12105	11969	12095	12056	0.63	cps
Silicon	28-1	12650303	12745443	12758371	12718039	0.46	cps
Silver	107-1	20410596	20350261	20440115	20400324	0.22	cps
Silver	109-1	19255426	19655148	19510751	19473775	1.04	cps
Sodium	23-2	44782258	44720581	44903584	44802141	0.21	cps
Strontium	86-1	5292860	5195921	5233670	5240817	0.93	cps
Strontium	88-1	46179984	45946558	45795083	45973875	0.42	cps
Sulfur	34-1	2077008	2060966	2065786	2067920	0.40	cps
Terbium	159-1	20631501	20772228	20932101	20778610	0.72	cps
Terbium	159-2	6240808	6136736	6076717	6151420	1.35	cps
Thallium	203-1	16451770	16523171	16519770	16498237	0.24	cps
Thallium	205-1	39217547	39974092	39757666	39649768	0.98	cps
Tin	118-1	13152923	13382500	13291741	13275721	0.87	cps
Titanium	47-1	24214779	23944945	24010863	24056862	0.58	cps
Uranium	238-1	54415436	55262309	55113348	54930364	0.82	cps

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : S07 Instrumnet Name : P8
Client Sample ID : S07 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 12:23:38 DataFile Name : 010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	2529206	2531372	2481206	2513928	1.13	cps
Ytterbium	172-1	297	367	277	313	15.08	cps
Ytterbium	172-2	137	127	120	128	6.57	cps
Ytterbium	176-1	81700	81553	80808	81354	0.59	cps
Ytterbium	176-2	25899	25735	25852	25829	0.33	cps
Yttrium	89-1	26715645	26280949	26391853	26462815	0.85	cps
Yttrium	89-2	1723020	1679193	1682955	1695056	1.43	cps
Zinc	66-2	5022769	5018198	4968367	5003111	0.60	cps
Zirconium	90-1	28473997	28393913	28533190	28467033	0.25	cps
Zirconium	91-1	6384881	6356800	6485913	6409198	1.06	cps

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : S08 Instrumnet Name : P8
Client Sample ID : S08 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 12:26:23 DataFile Name : 011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5997963	5929553	5935001	5954172	0.64	cps
Antimony	121-1	14071	13460	13283	13605	3.04	cps
Arsenic	75-2	143	170	170	161	9.55	cps
Barium	135-1	7749	7692	7405	7616	2.42	cps
Barium	137-1	13600	12990	13006	13199	2.64	cps
Beryllium	9-1	2172	1882	1772	1942	10.64	cps
Bismuth	209-1	10846868	10800313	10894732	10847304	0.44	cps
Bismuth	209-2	4114555	4113727	4044323	4090869	0.99	cps
Bromine	81-1	4161	4291	4341	4264	2.18	cps
Cadmium	108-1	297	300	197	264	22.21	cps
Cadmium	106-1	8129	7876	7689	7898	2.80	cps
Cadmium	111-1	6329	6013	5908	6083	3.61	cps
Calcium	43-1	23143771	23365488	23513175	23340811	0.80	cps
Calcium	44-1	380211594	379181701	382738954	380710750	0.48	cps
Carbon	12-1	3965885	4095558	4147394	4069612	2.30	cps
Carbon	12-2	38413	38300	38617	38443	0.42	cps
Chlorine	35-1	128061	124644	124674	125793	1.56	cps
Chlorine	35-2	530	417	470	472	12.01	cps
Chromium	52-2	10574	10157	10264	10332	2.10	cps
Cobalt	59-2	12559	12856	12736	12717	1.17	cps
Copper	63-2	11171	11501	10858	11177	2.88	cps
Dysprosium	156-1	710	743	637	697	7.83	cps
Dysprosium	156-2	190	220	180	197	10.58	cps
Erbium	164-1	747	683	770	733	6.12	cps
Erbium	164-2	263	210	203	226	14.58	cps
Gadolinium	160-1	597	630	653	627	4.54	cps
Gadolinium	160-2	213	250	237	233	7.95	cps
Holmium	165-1	19232303	18871630	19022875	19042269	0.95	cps
Holmium	165-2	6129933	6094578	6086617	6103709	0.38	cps
Indium	115-1	14053919	14057400	13678483	13929934	1.56	cps
Indium	115-2	1231167	1247569	1202890	1227209	1.84	cps
Iron	54-2	30519369	30485153	30561177	30521900	0.12	cps
Iron	56-2	566999965	569142645	551400818	562514476	1.72	cps
Iron	57-2	14176053	13862700	14073561	14037438	1.14	cps
Krypton	83-1	367	377	330	358	6.87	cps
Lead	206-1	14862	14618	14345	14608	1.77	cps

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : S08 Instrumnet Name : P8
Client Sample ID : S08 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 12:26:23 DataFile Name : 011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	12766	12586	11882	12412	3.76	cps
Lead	208-1	59731	58038	55537	57769	3.65	cps
Lithium	6-1	6501263	6605274	6406319	6504285	1.53	cps
Magnesium	24-2	107258228	107353318	105845688	106819078	0.79	cps
Manganese	55-2	5738	5955	5911	5868	1.95	cps
Molybdenum	94-1	40154	40505	40037	40232	0.61	cps
Molybdenum	95-1	41793	40756	41482	41344	1.29	cps
Molybdenum	96-1	47166	48548	47601	47772	1.48	cps
Molybdenum	97-1	25403	25891	25200	25498	1.39	cps
Molybdenum	98-1	65755	65557	65031	65448	0.57	cps
Neodymium	150-1	377	387	357	373	4.09	cps
Neodymium	150-2	90	53	67	70	26.51	cps
Nickel	60-2	6528	6672	6815	6672	2.15	cps
Phosphorus	31-2	103	93	70	89	19.24	cps
Potassium	39-2	28639990	28664270	29339885	28881381	1.38	cps
Rhodium	103-1	12204182	12400409	11983816	12196136	1.71	cps
Rhodium	103-2	4457509	4488489	4390386	4445462	1.13	cps
Scandium	45-1	9586493	9772201	9497822	9618839	1.46	cps
Scandium	45-2	176300	175794	172812	174969	1.08	cps
Selenium	82-1	-27	-60	-7	-31	-86.60	cps
Selenium	77-2	10	7	0	6	91.64	cps
Selenium	78-2	23	17	7	16	53.90	cps
Silicon	28-1	684150	668266	658579	670332	1.93	cps
Silver	107-1	3537	3687	3504	3576	2.73	cps
Silver	109-1	3584	3340	3007	3310	8.75	cps
Sodium	23-2	204932184	205863817	205574984	205456995	0.23	cps
Strontium	86-1	16333	15759	15806	15966	2.00	cps
Strontium	88-1	136805	136295	135725	136275	0.40	cps
Sulfur	34-1	682056	684087	682100	682748	0.17	cps
Terbium	159-1	19117023	19123370	19102300	19114231	0.06	cps
Terbium	159-2	5916969	5920016	5738151	5858379	1.78	cps
Thallium	203-1	1523	1537	1383	1481	5.73	cps
Thallium	205-1	4134	3450	3307	3631	12.17	cps
Tin	118-1	4324	4231	3764	4106	7.31	cps
Titanium	47-1	4224	4561	4504	4430	4.07	cps
Uranium	238-1	2630	2424	2204	2419	8.82	cps

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : S08 Instrumnet Name : P8
Client Sample ID : S08 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 12:26:23 DataFile Name : 011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	683	763	717	721	5.57	cps
Ytterbium	172-1	837	813	937	862	7.60	cps
Ytterbium	172-2	290	360	347	332	11.19	cps
Ytterbium	176-1	2664	2574	2674	2637	2.09	cps
Ytterbium	176-2	563	517	503	528	5.97	cps
Yttrium	89-1	25019185	24974695	24521135	24838339	1.11	cps
Yttrium	89-2	1658061	1631685	1582599	1624115	2.36	cps
Zinc	66-2	2640	2800	2870	2770	4.26	cps
Zirconium	90-1	46524	46591	45601	46239	1.20	cps
Zirconium	91-1	10447	10241	10180	10289	1.36	cps

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : ICV005 Instrumnet Name : P8
Client Sample ID : ICV005 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 13:29:04 DataFile Name : 012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	30272	30151	30395	30273	0.40	cps
Antimony	121-1	3516543	3504548	3549952	3523681	0.67	cps
Arsenic	75-2	60432	61571	60881	60961	0.94	cps
Barium	135-1	416525	413590	417893	416003	0.53	cps
Barium	137-1	721616	722114	731831	725187	0.79	cps
Beryllium	9-1	570422	571316	566929	569556	0.41	cps
Bismuth	209-1	13542598	13433284	13461624	13479169	0.42	cps
Bismuth	209-2	4961829	5012488	4997408	4990575	0.52	cps
Bromine	81-1	3794	3814	3871	3826	1.04	cps
Cadmium	108-1	44719	45849	45950	45506	1.50	cps
Cadmium	106-1	46772	46394	47512	46893	1.21	cps
Cadmium	111-1	444618	445941	445885	445481	0.17	cps
Calcium	43-1	118516	118563	116853	117977	0.83	cps
Calcium	44-1	1915951	1876150	1902369	1898157	1.07	cps
Carbon	12-1	4283972	4408284	4393500	4361919	1.56	cps
Carbon	12-2	30121	30161	29954	30079	0.37	cps
Chlorine	35-1	120728	119004	119471	119734	0.74	cps
Chlorine	35-2	433	533	413	460	13.98	cps
Chromium	52-2	337270	335155	335097	335841	0.37	cps
Cobalt	59-2	655095	658932	652897	655641	0.47	cps
Copper	63-2	515175	521522	517964	518220	0.61	cps
Dysprosium	156-1	100	110	93	101	8.30	cps
Dysprosium	156-2	3	13	7	8	65.47	cps
Erbium	164-1	127	103	140	123	15.04	cps
Erbium	164-2	30	50	37	39	26.18	cps
Gadolinium	160-1	123	100	153	126	21.30	cps
Gadolinium	160-2	17	20	13	17	20.01	cps
Holmium	165-1	21315476	20733988	20844497	20964653	1.47	cps
Holmium	165-2	6508822	6500566	6488707	6499365	0.16	cps
Indium	115-1	16337170	16282833	16102265	16240756	0.76	cps
Indium	115-2	1390167	1384283	1386422	1386958	0.21	cps
Iron	54-2	276886	280677	277450	278338	0.74	cps
Iron	56-2	5021218	4966507	4921785	4969837	1.00	cps
Iron	57-2	124676	122453	123428	123519	0.90	cps
Krypton	83-1	267	240	290	266	9.42	cps
Lead	206-1	3071860	3022364	2992500	3028908	1.32	cps

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : ICV005 Instrumnet Name : P8
Client Sample ID : ICV005 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 13:29:04 DataFile Name : 012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	2462501	2498942	2483373	2481605	0.74	cps
Lead	208-1	11597939	11618483	11576345	11597589	0.18	cps
Lithium	6-1	7734904	7482279	7583045	7600076	1.67	cps
Magnesium	24-2	265715	264350	265791	265286	0.31	cps
Manganese	55-2	130355	133803	130647	131602	1.45	cps
Molybdenum	94-1	23123643	22878052	22585228	22862308	1.18	cps
Molybdenum	95-1	41360599	41162430	40480217	41001082	1.13	cps
Molybdenum	96-1	44438539	43643673	43716906	43933039	1.00	cps
Molybdenum	97-1	25133275	25027085	25165682	25108681	0.29	cps
Molybdenum	98-1	66017892	66552564	65240604	65937020	1.00	cps
Neodymium	150-1	57	47	67	57	17.65	cps
Neodymium	150-2	3	7	7	6	34.70	cps
Nickel	60-2	182518	185330	181802	183217	1.02	cps
Phosphorus	31-2	93	73	87	84	12.06	cps
Potassium	39-2	243935	244095	242794	243608	0.29	cps
Rhodium	103-1	15167069	14817089	14778421	14920860	1.43	cps
Rhodium	103-2	5406739	5414773	5356488	5392667	0.59	cps
Scandium	45-1	10896802	10725958	10613273	10745344	1.33	cps
Scandium	45-2	186862	186166	185737	186255	0.30	cps
Selenium	82-1	52586	52656	53001	52747	0.42	cps
Selenium	77-2	730	880	833	814	9.43	cps
Selenium	78-2	2700	2660	2707	2689	0.94	cps
Silicon	28-1	550322	543271	542306	545300	0.80	cps
Silver	107-1	1019729	1037840	1031261	1029610	0.89	cps
Silver	109-1	979772	985028	997669	987490	0.93	cps
Sodium	23-2	955750	941739	945627	947705	0.76	cps
Strontium	86-1	2902978	2859200	2905685	2889287	0.90	cps
Strontium	88-1	25059375	24893650	24965774	24972933	0.33	cps
Sulfur	34-1	783983	773978	767137	775033	1.09	cps
Terbium	159-1	21581733	21301225	21270942	21384633	0.80	cps
Terbium	159-2	6304495	6245242	6273710	6274482	0.47	cps
Thallium	203-1	3693848	3597194	3581029	3624024	1.68	cps
Thallium	205-1	8639799	8517454	8527706	8561653	0.79	cps
Tin	118-1	3921	4097	4174	4064	3.20	cps
Titanium	47-1	1807	1757	1807	1790	1.61	cps
Uranium	238-1	747	820	713	760	7.18	cps

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : ICV005 Instrumnet Name : P8
Client Sample ID : ICV005 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 13:29:04 DataFile Name : 012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	250410	252391	249556	250786	0.58	cps
Ytterbium	172-1	120	127	123	123	2.70	cps
Ytterbium	172-2	37	27	47	37	27.27	cps
Ytterbium	176-1	1893	2110	2094	2032	5.93	cps
Ytterbium	176-2	383	457	417	419	8.77	cps
Yttrium	89-1	28039401	27368147	27300040	27569196	1.48	cps
Yttrium	89-2	1716657	1739921	1685710	1714096	1.59	cps
Zinc	66-2	102745	104814	102695	103418	1.17	cps
Zirconium	90-1	1407	1483	1543	1478	4.64	cps
Zirconium	91-1	970	917	1083	990	8.60	cps

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : ICB005 Instrumnet Name : P8
Client Sample ID : ICB005 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 13:33:28 DataFile Name : 013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	53	83	113	83	36.01	cps
Antimony	121-1	693	527	550	590	15.30	cps
Arsenic	75-2	7	3	3	4	43.40	cps
Barium	135-1	307	293	270	290	6.40	cps
Barium	137-1	423	440	453	439	3.42	cps
Beryllium	9-1	429	446	427	434	2.41	cps
Bismuth	209-1	13542910	13478139	13431154	13484068	0.42	cps
Bismuth	209-2	5023546	5052107	5098193	5057949	0.74	cps
Bromine	81-1	3781	3704	3741	3742	1.03	cps
Cadmium	108-1	27	40	40	36	21.64	cps
Cadmium	106-1	8379	8203	7976	8186	2.47	cps
Cadmium	111-1	5900	5764	5592	5752	2.69	cps
Calcium	43-1	450	357	437	414	12.18	cps
Calcium	44-1	25509	25025	24648	25061	1.72	cps
Carbon	12-1	3370678	3347989	3363624	3360764	0.35	cps
Carbon	12-2	23112	22654	22684	22817	1.12	cps
Chlorine	35-1	118402	118587	118399	118463	0.09	cps
Chlorine	35-2	503	477	367	449	16.14	cps
Chromium	52-2	763	790	753	769	2.47	cps
Cobalt	59-2	123	130	143	132	7.70	cps
Copper	63-2	2944	2717	2957	2873	4.70	cps
Dysprosium	156-1	67	77	40	61	31.02	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	67	80	87	78	13.09	cps
Erbium	164-2	47	23	23	31	43.32	cps
Gadolinium	160-1	130	113	120	121	6.92	cps
Gadolinium	160-2	13	17	7	12	41.65	cps
Holmium	165-1	20726861	20697862	20552567	20659097	0.45	cps
Holmium	165-2	6563018	6656614	6557052	6592228	0.85	cps
Indium	115-1	16348563	16375735	16276626	16333641	0.31	cps
Indium	115-2	1384810	1388247	1400582	1391213	0.60	cps
Iron	54-2	417	413	400	410	2.15	cps
Iron	56-2	6175	5735	6011	5974	3.73	cps
Iron	57-2	113	137	143	131	12.01	cps
Krypton	83-1	260	297	267	274	7.12	cps
Lead	206-1	2374	2457	2514	2448	2.88	cps

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : ICB005 Instrumnet Name : P8
Client Sample ID : ICB005 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 13:33:28 DataFile Name : 013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	2154	1927	2094	2058	5.71	cps
Lead	208-1	9258	9358	9508	9375	1.34	cps
Lithium	6-1	7831695	7526308	7659804	7672603	2.00	cps
Magnesium	24-2	2544	2757	2544	2615	4.71	cps
Manganese	55-2	167	190	170	176	7.19	cps
Molybdenum	94-1	907	710	840	819	12.21	cps
Molybdenum	95-1	1040	890	780	903	14.45	cps
Molybdenum	96-1	1140	1033	963	1046	8.51	cps
Molybdenum	97-1	600	550	543	564	5.49	cps
Molybdenum	98-1	1560	1533	1280	1458	10.60	cps
Neodymium	150-1	3	30	17	17	80.01	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	797	727	727	750	5.39	cps
Phosphorus	31-2	80	60	103	81	26.74	cps
Potassium	39-2	9436	9530	9517	9494	0.53	cps
Rhodium	103-1	15177009	14880696	14964620	15007442	1.02	cps
Rhodium	103-2	5459983	5501569	5487777	5483110	0.39	cps
Scandium	45-1	10629244	10604165	10655321	10629577	0.24	cps
Scandium	45-2	188292	189013	189489	188932	0.32	cps
Selenium	82-1	13	-50	17	-7	-563.47	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	3	3	3	3	0.00	cps
Silicon	28-1	515777	514132	513703	514537	0.21	cps
Silver	107-1	487	463	370	440	14.03	cps
Silver	109-1	293	303	270	289	5.92	cps
Sodium	23-2	55572	56134	55415	55707	0.68	cps
Strontium	86-1	660	733	653	682	6.51	cps
Strontium	88-1	2427	2330	2230	2329	4.22	cps
Sulfur	34-1	761967	756800	759449	759405	0.34	cps
Terbium	159-1	21228205	21269873	21450672	21316250	0.55	cps
Terbium	159-2	6331759	6283236	6392654	6335883	0.87	cps
Thallium	203-1	497	503	417	472	10.21	cps
Thallium	205-1	1143	1137	1127	1136	0.74	cps
Tin	118-1	3250	3347	3244	3280	1.76	cps
Titanium	47-1	567	477	520	521	8.64	cps
Uranium	238-1	60	40	60	53	21.65	cps

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : ICB005 Instrumnet Name : P8
Client Sample ID : ICB005 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 13:33:28 DataFile Name : 013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	13	17	10	13	25.01	cps
Ytterbium	172-1	143	150	83	126	29.25	cps
Ytterbium	172-2	43	37	47	42	12.06	cps
Ytterbium	176-1	2124	1890	2087	2034	6.17	cps
Ytterbium	176-2	377	373	473	408	13.93	cps
Yttrium	89-1	27524396	27509838	27491057	27508430	0.06	cps
Yttrium	89-2	1726713	1728911	1737181	1730935	0.32	cps
Zinc	66-2	213	277	330	273	21.37	cps
Zirconium	90-1	943	860	950	918	5.46	cps
Zirconium	91-1	180	237	220	212	13.72	cps

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : ICSA005 Instrumnet Name : P8
Client Sample ID : ICSA005 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 13:40:53 DataFile Name : 015ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6006961	6017654	5975984	6000200	0.36	cps
Antimony	121-1	19811	19554	19634	19666	0.67	cps
Arsenic	75-2	113	77	73	88	25.28	cps
Barium	135-1	5885	5821	5911	5872	0.79	cps
Barium	137-1	10337	10554	10631	10508	1.45	cps
Beryllium	9-1	1885	1909	1940	1911	1.44	cps
Bismuth	209-1	12029610	12211727	12245480	12162272	0.95	cps
Bismuth	209-2	4573909	4578975	4543534	4565473	0.42	cps
Bromine	81-1	5815	5731	6145	5897	3.71	cps
Cadmium	108-1	6372	6115	6105	6197	2.44	cps
Cadmium	106-1	7109	7722	7145	7325	4.70	cps
Cadmium	111-1	7618	8290	7680	7863	4.73	cps
Calcium	43-1	5446983	5383944	5352264	5394397	0.89	cps
Calcium	44-1	86158472	86280525	86114075	86184358	0.10	cps
Carbon	12-1	42514864	42940103	43689409	43048125	1.38	cps
Carbon	12-2	298031	297683	295211	296975	0.52	cps
Chlorine	35-1	82030902	86693605	88162952	85629153	3.74	cps
Chlorine	35-2	345867	349596	352022	349162	0.89	cps
Chromium	52-2	66631	67569	68161	67454	1.14	cps
Cobalt	59-2	7482	7575	7519	7525	0.63	cps
Copper	63-2	42430	42630	42831	42630	0.47	cps
Dysprosium	156-1	143	150	120	138	11.43	cps
Dysprosium	156-2	27	33	17	26	32.81	cps
Erbium	164-1	157	143	197	166	16.76	cps
Erbium	164-2	53	37	20	37	45.45	cps
Gadolinium	160-1	187	150	170	169	10.87	cps
Gadolinium	160-2	37	50	37	41	18.72	cps
Holmium	165-1	20617565	20658430	20432159	20569385	0.59	cps
Holmium	165-2	6575024	6500270	6485179	6520158	0.74	cps
Indium	115-1	15318846	15519039	15363973	15400619	0.68	cps
Indium	115-2	1333767	1308138	1324311	1322072	0.98	cps
Iron	54-2	13614068	13647490	13610834	13624131	0.15	cps
Iron	56-2	251060403	250758690	250514036	250777710	0.11	cps
Iron	57-2	6296719	6378436	6279789	6318315	0.83	cps
Krypton	83-1	307	223	330	287	19.56	cps
Lead	206-1	65993	66077	66694	66255	0.58	cps

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : ICSA005 Instrumnet Name : P8
Client Sample ID : ICSA005 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 13:40:53 DataFile Name : 015ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	52004	52047	53333	52461	1.44	cps
Lead	208-1	245054	244953	247366	245791	0.56	cps
Lithium	6-1	7116545	7220420	7096544	7144503	0.93	cps
Magnesium	24-2	22124691	22203375	22474322	22267462	0.82	cps
Manganese	55-2	10394	10204	10707	10435	2.44	cps
Molybdenum	94-1	9372882	9387651	9455733	9405422	0.47	cps
Molybdenum	95-1	16694674	16800269	17056196	16850380	1.10	cps
Molybdenum	96-1	18127939	18221306	18521591	18290279	1.12	cps
Molybdenum	97-1	10519083	10394462	10488139	10467228	0.62	cps
Molybdenum	98-1	27343355	27308917	27594248	27415507	0.57	cps
Neodymium	150-1	57	117	67	80	40.18	cps
Neodymium	150-2	10	27	23	20	44.10	cps
Nickel	60-2	9680	9773	9970	9808	1.51	cps
Phosphorus	31-2	303682	302537	305684	303968	0.52	cps
Potassium	39-2	12365498	12291436	12374273	12343736	0.37	cps
Rhodium	103-1	13889221	13856253	13797442	13847639	0.34	cps
Rhodium	103-2	5155276	5050942	5055983	5087400	1.16	cps
Scandium	45-1	10445305	10407103	10161973	10338127	1.49	cps
Scandium	45-2	188330	185136	186905	186790	0.86	cps
Selenium	82-1	-3	107	20	41	140.98	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	7	13	13	11	34.61	cps
Silicon	28-1	833414	837674	841634	837574	0.49	cps
Silver	107-1	570	580	707	619	12.31	cps
Silver	109-1	383	460	633	492	26.02	cps
Sodium	23-2	46690169	47590618	47061028	47113938	0.96	cps
Strontium	86-1	184074	187746	185923	185914	0.99	cps
Strontium	88-1	1672683	1688072	1660178	1673644	0.83	cps
Sulfur	34-1	7533888	7533547	7406167	7491201	0.98	cps
Terbium	159-1	20728528	21187189	20896471	20937396	1.11	cps
Terbium	159-2	6251593	6204603	6115550	6190582	1.12	cps
Thallium	203-1	1243	1177	1427	1282	10.10	cps
Thallium	205-1	2637	2940	3247	2941	10.37	cps
Tin	118-1	4744	4584	4624	4651	1.79	cps
Titanium	47-1	5127233	5130039	5158978	5138750	0.34	cps
Uranium	238-1	840	940	1000	927	8.72	cps

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : ICSA005 Instrumnet Name : P8
Client Sample ID : ICSA005 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 13:40:53 DataFile Name : 015ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	350	410	380	380	7.89	cps
Ytterbium	172-1	110	113	163	129	23.18	cps
Ytterbium	172-2	57	33	37	42	29.89	cps
Ytterbium	176-1	1843	1870	1967	1893	3.43	cps
Ytterbium	176-2	337	297	387	340	13.26	cps
Yttrium	89-1	27253494	27165486	26846611	27088530	0.79	cps
Yttrium	89-2	1740354	1705133	1737976	1727821	1.14	cps
Zinc	66-2	5808	5958	5898	5888	1.28	cps
Zirconium	90-1	1343	1337	1207	1296	5.95	cps
Zirconium	91-1	240	283	240	254	9.83	cps

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : ICSAB005 Instrumnet Name : P8
Client Sample ID : ICSAB005 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 13:44:07 DataFile Name : 016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5994950	6050514	6012247	6019237	0.47	cps
Antimony	121-1	367934	374470	374622	372342	1.03	cps
Arsenic	75-2	6395	6562	6505	6487	1.31	cps
Barium	135-1	90305	89677	91640	90541	1.11	cps
Barium	137-1	156772	160371	158749	158631	1.14	cps
Beryllium	9-1	114145	113164	114488	113932	0.60	cps
Bismuth	209-1	12210319	12504837	12347249	12354135	1.19	cps
Bismuth	209-2	4532101	4527686	4588239	4549342	0.74	cps
Bromine	81-1	5584	5708	5871	5721	2.51	cps
Cadmium	108-1	11505	11682	11738	11642	1.05	cps
Cadmium	106-1	14424	14978	14755	14719	1.89	cps
Cadmium	111-1	90717	91055	91173	90982	0.26	cps
Calcium	43-1	5475465	5503974	5520666	5500035	0.42	cps
Calcium	44-1	88541132	89041159	87942689	88508326	0.62	cps
Carbon	12-1	43781208	44817178	45099161	44565849	1.56	cps
Carbon	12-2	305040	304895	306385	305440	0.27	cps
Chlorine	35-1	83283905	88733885	91018935	87678909	4.53	cps
Chlorine	35-2	352440	351440	356498	353459	0.76	cps
Chromium	52-2	134774	133849	135467	134697	0.60	cps
Cobalt	59-2	135601	137711	137267	136860	0.81	cps
Copper	63-2	142732	141295	143382	142469	0.75	cps
Dysprosium	156-1	77	83	120	93	25.00	cps
Dysprosium	156-2	13	40	30	28	48.51	cps
Erbium	164-1	180	190	160	177	8.65	cps
Erbium	164-2	50	57	37	48	21.31	cps
Gadolinium	160-1	167	217	147	177	20.41	cps
Gadolinium	160-2	37	37	47	40	14.43	cps
Holmium	165-1	20356436	20579217	20516423	20484025	0.56	cps
Holmium	165-2	6491588	6517134	6543364	6517362	0.40	cps
Indium	115-1	15409433	15753983	15620919	15594778	1.11	cps
Indium	115-2	1328865	1327857	1344972	1333898	0.72	cps
Iron	54-2	13914743	13765982	13776885	13819203	0.60	cps
Iron	56-2	251448883	252795470	252437643	252227332	0.28	cps
Iron	57-2	6407290	6374912	6324172	6368792	0.66	cps
Krypton	83-1	280	260	327	289	11.84	cps
Lead	206-1	348955	343612	349910	347492	0.98	cps

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : ICSAB005 Instrumnet Name : P8
Client Sample ID : ICSAB005 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 13:44:07 DataFile Name : 016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	285791	286962	288338	287030	0.44	cps
Lead	208-1	1334026	1336093	1348284	1339468	0.58	cps
Lithium	6-1	7211124	7338204	7134991	7228106	1.42	cps
Magnesium	24-2	22420017	22370046	22652528	22480864	0.67	cps
Manganese	55-2	36995	37305	36797	37032	0.69	cps
Molybdenum	94-1	9434009	9597543	9730634	9587396	1.55	cps
Molybdenum	95-1	17156441	17325048	17299038	17260175	0.53	cps
Molybdenum	96-1	18380093	18484234	18416512	18426946	0.29	cps
Molybdenum	97-1	10543509	10707248	10605771	10618843	0.78	cps
Molybdenum	98-1	27766905	27654863	27940059	27787276	0.52	cps
Neodymium	150-1	70	77	93	80	15.02	cps
Neodymium	150-2	20	20	10	17	34.64	cps
Nickel	60-2	44707	45024	45339	45023	0.70	cps
Phosphorus	31-2	307469	307618	309604	308230	0.39	cps
Potassium	39-2	12509024	12453781	12448709	12470505	0.27	cps
Rhodium	103-1	13875978	13887588	13857661	13873742	0.11	cps
Rhodium	103-2	5051135	5024338	5086858	5054110	0.62	cps
Scandium	45-1	10653580	10619027	10499199	10590602	0.77	cps
Scandium	45-2	189806	188260	189894	189320	0.49	cps
Selenium	82-1	5178	5318	5081	5192	2.29	cps
Selenium	77-2	80	97	90	89	9.44	cps
Selenium	78-2	300	370	327	332	10.63	cps
Silicon	28-1	884565	895282	897462	892436	0.77	cps
Silver	107-1	399566	406427	410427	405473	1.35	cps
Silver	109-1	384188	386227	391978	387464	1.04	cps
Sodium	23-2	47256234	47515498	47878381	47550038	0.66	cps
Strontium	86-1	185800	189458	188823	188027	1.04	cps
Strontium	88-1	1672451	1705470	1709037	1695653	1.19	cps
Sulfur	34-1	7556280	7595385	7600287	7583984	0.32	cps
Terbium	159-1	20806117	21019011	21155095	20993407	0.84	cps
Terbium	159-2	6166700	6246593	6249932	6221075	0.76	cps
Thallium	203-1	343738	351025	345870	346878	1.08	cps
Thallium	205-1	830755	825084	839998	831946	0.90	cps
Tin	118-1	5304	5318	5344	5322	0.38	cps
Titanium	47-1	5323245	5302710	5308434	5311463	0.20	cps
Uranium	238-1	977	973	857	936	7.31	cps

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : ICSAB005 Instrumnet Name : P8
Client Sample ID : ICSAB005 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 13:44:07 DataFile Name : 016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	52001	51981	52322	52101	0.37	cps
Ytterbium	172-1	113	113	123	117	4.95	cps
Ytterbium	172-2	37	47	70	51	33.46	cps
Ytterbium	176-1	1900	2077	1997	1991	4.44	cps
Ytterbium	176-2	253	270	300	274	8.62	cps
Yttrium	89-1	27140585	27803564	27560562	27501570	1.22	cps
Yttrium	89-2	1754140	1715352	1728686	1732726	1.14	cps
Zinc	66-2	16436	16400	16740	16525	1.13	cps
Zirconium	90-1	1207	1223	1237	1222	1.23	cps
Zirconium	91-1	290	277	373	313	16.72	cps

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : CCV021 Instrumnet Name : P8
Client Sample ID : CCV021 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 13:47:19 DataFile Name : 017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3169562	3158720	3180349	3169544	0.34	cps
Antimony	121-1	8126634	8256109	8224264	8202336	0.82	cps
Arsenic	75-2	145802	147048	145903	146251	0.47	cps
Barium	135-1	10236305	10212767	10137241	10195438	0.51	cps
Barium	137-1	17604237	17519349	17311526	17478371	0.86	cps
Beryllium	9-1	2576460	2577644	2639292	2597798	1.38	cps
Bismuth	209-1	11869031	11730148	11919163	11839447	0.83	cps
Bismuth	209-2	4387952	4352452	4342162	4360855	0.55	cps
Bromine	81-1	4527	4387	4731	4549	3.80	cps
Cadmium	108-1	161075	161590	158476	160381	1.04	cps
Cadmium	106-1	229534	231582	229930	230349	0.47	cps
Cadmium	111-1	2018720	2055838	2007825	2027461	1.24	cps
Calcium	43-1	13148554	13299301	12898214	13115356	1.54	cps
Calcium	44-1	212923063	212363910	210857070	212048015	0.50	cps
Carbon	12-1	4363138	4466232	4590958	4473443	2.55	cps
Carbon	12-2	37261	37377	37217	37285	0.22	cps
Chlorine	35-1	5495177	5120077	4779648	5131634	6.97	cps
Chlorine	35-2	15842	14467	14117	14809	6.16	cps
Chromium	52-2	1642859	1676960	1662017	1660612	1.03	cps
Cobalt	59-2	3068121	3057566	3121376	3082354	1.11	cps
Copper	63-2	23192514	22883593	23089720	23055275	0.68	cps
Dysprosium	156-1	437	490	517	481	8.47	cps
Dysprosium	156-2	77	107	157	113	35.66	cps
Erbium	164-1	443	473	417	444	6.38	cps
Erbium	164-2	167	120	127	138	18.32	cps
Gadolinium	160-1	427	383	377	396	6.86	cps
Gadolinium	160-2	107	133	147	129	15.80	cps
Holmium	165-1	20411443	20154997	20036150	20200863	0.95	cps
Holmium	165-2	6471011	6410590	6391546	6424382	0.65	cps
Indium	115-1	15192598	14994091	15205673	15130787	0.78	cps
Indium	115-2	1291644	1281693	1287447	1286928	0.39	cps
Iron	54-2	16391840	16426451	16491236	16436509	0.31	cps
Iron	56-2	300779982	301480556	299584496	300615011	0.32	cps
Iron	57-2	7612747	7563826	7610558	7595710	0.36	cps
Krypton	83-1	290	327	300	306	6.20	cps
Lead	206-1	32927185	33278853	33232704	33146247	0.58	cps

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : CCV021 Instrumnet Name : P8
Client Sample ID : CCV021 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 13:47:19 DataFile Name : 017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	28030996	28589648	27969801	28196815	1.21	cps
Lead	208-1	130245371	132158258	129869079	130757569	0.94	cps
Lithium	6-1	6989319	6866152	7044700	6966724	1.31	cps
Magnesium	24-2	56922591	56457906	56650966	56677154	0.41	cps
Manganese	55-2	6443935	6526941	6528521	6499799	0.74	cps
Molybdenum	94-1	28434377	28922759	28848190	28735108	0.92	cps
Molybdenum	95-1	41195852	42220186	41233199	41549745	1.40	cps
Molybdenum	96-1	44650248	45498248	45404404	45184300	1.03	cps
Molybdenum	97-1	25333663	25504583	25677749	25505332	0.67	cps
Molybdenum	98-1	66889372	67446061	66874679	67070037	0.49	cps
Neodymium	150-1	817	783	803	801	2.09	cps
Neodymium	150-2	57	37	60	51	24.69	cps
Nickel	60-2	811957	800282	803952	805397	0.74	cps
Phosphorus	31-2	30171	29710	29440	29774	1.24	cps
Potassium	39-2	15510131	15240570	15348176	15366292	0.88	cps
Rhodium	103-1	13239419	13303216	13345204	13295946	0.40	cps
Rhodium	103-2	4993708	4819310	4900803	4904607	1.78	cps
Scandium	45-1	10331161	10345687	10185383	10287410	0.86	cps
Scandium	45-2	187276	185830	188191	187099	0.64	cps
Selenium	82-1	119667	119070	119079	119272	0.29	cps
Selenium	77-2	1823	1773	1797	1798	1.39	cps
Selenium	78-2	5988	6055	6011	6018	0.56	cps
Silicon	28-1	6806029	6890147	6910203	6868793	0.80	cps
Silver	107-1	10030707	9965765	9920619	9972364	0.55	cps
Silver	109-1	9406048	9317862	9330627	9351512	0.51	cps
Sodium	23-2	114315252	114155588	112389225	113620022	0.94	cps
Strontium	86-1	2667082	2651919	2649561	2656187	0.36	cps
Strontium	88-1	22710773	23095957	23018726	22941819	0.89	cps
Sulfur	34-1	1399744	1409353	1387830	1398975	0.77	cps
Terbium	159-1	20607077	20287746	20418101	20437641	0.79	cps
Terbium	159-2	6157029	6132648	6072720	6120799	0.71	cps
Thallium	203-1	7962308	8077453	8059295	8033019	0.77	cps
Thallium	205-1	19095211	19296247	19574710	19322056	1.25	cps
Tin	118-1	6609116	6517790	6579674	6568860	0.71	cps
Titanium	47-1	12310534	12209617	12080906	12200352	0.94	cps
Uranium	238-1	26703386	26821364	26478126	26667625	0.65	cps

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : CCV021 Instrumnet Name : P8
Client Sample ID : CCV021 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 13:47:19 DataFile Name : 017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1265108	1263519	1293057	1273895	1.30	cps
Ytterbium	172-1	573	537	510	540	5.89	cps
Ytterbium	172-2	200	227	197	208	7.91	cps
Ytterbium	176-1	41866	41843	41050	41586	1.12	cps
Ytterbium	176-2	12946	12850	13163	12986	1.24	cps
Yttrium	89-1	26391441	26406276	26292052	26363257	0.24	cps
Yttrium	89-2	1734264	1703945	1702916	1713708	1.04	cps
Zinc	66-2	2538499	2479406	2459708	2492538	1.65	cps
Zirconium	90-1	14341067	14629049	14514052	14494723	1.00	cps
Zirconium	91-1	3265633	3336903	3199049	3267195	2.11	cps

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : CCB021 Instrumnet Name : P8
Client Sample ID : CCB021 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 13:50:25 DataFile Name : 018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	223	157	170	183	19.24	cps
Antimony	121-1	2004	1880	1870	1918	3.87	cps
Arsenic	75-2	7	20	10	12	56.76	cps
Barium	135-1	483	563	353	467	22.71	cps
Barium	137-1	887	757	817	820	7.93	cps
Beryllium	9-1	1172	1077	1002	1084	7.86	cps
Bismuth	209-1	13602345	13556552	13597166	13585354	0.18	cps
Bismuth	209-2	5091491	5063225	5023979	5059565	0.67	cps
Bromine	81-1	4037	4191	4337	4188	3.58	cps
Cadmium	108-1	50	50	20	40	43.30	cps
Cadmium	106-1	8169	8109	8086	8121	0.53	cps
Cadmium	111-1	5870	5781	5739	5797	1.15	cps
Calcium	43-1	817	720	680	739	9.51	cps
Calcium	44-1	33540	32851	32206	32866	2.03	cps
Carbon	12-1	3791397	3747498	3721546	3753480	0.94	cps
Carbon	12-2	24524	24170	24223	24306	0.78	cps
Chlorine	35-1	2413313	2255758	2144908	2271327	5.94	cps
Chlorine	35-2	7245	7169	6592	7002	5.10	cps
Chromium	52-2	757	727	730	738	2.23	cps
Cobalt	59-2	140	200	140	160	21.65	cps
Copper	63-2	3470	3277	3444	3397	3.09	cps
Dysprosium	156-1	17	27	43	29	46.62	cps
Dysprosium	156-2	0	10	7	6	91.64	cps
Erbium	164-1	113	73	117	101	23.85	cps
Erbium	164-2	37	20	47	34	39.11	cps
Gadolinium	160-1	110	117	150	126	17.07	cps
Gadolinium	160-2	43	23	7	24	75.09	cps
Holmium	165-1	21356763	21051391	20935684	21114612	1.03	cps
Holmium	165-2	6774222	6739237	6656540	6723333	0.90	cps
Indium	115-1	16981189	16889178	16766820	16879062	0.64	cps
Indium	115-2	1428029	1431880	1436139	1432016	0.28	cps
Iron	54-2	807	907	877	863	5.94	cps
Iron	56-2	14808	15192	13066	14355	7.89	cps
Iron	57-2	400	383	330	371	9.85	cps
Krypton	83-1	297	287	250	278	8.85	cps
Lead	206-1	5074	4771	4891	4912	3.11	cps

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : CCB021 Instrumnet Name : P8
Client Sample ID : CCB021 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 13:50:25 DataFile Name : 018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	4721	4204	4071	4332	7.93	cps
Lead	208-1	20426	19239	18735	19467	4.46	cps
Lithium	6-1	7817610	7793227	7890989	7833942	0.65	cps
Magnesium	24-2	2584	2517	2524	2541	1.45	cps
Manganese	55-2	340	290	287	306	9.78	cps
Molybdenum	94-1	1603	1300	1400	1435	10.78	cps
Molybdenum	95-1	1960	1630	1413	1668	16.51	cps
Molybdenum	96-1	2017	1690	1667	1791	10.93	cps
Molybdenum	97-1	1253	1070	780	1034	23.07	cps
Molybdenum	98-1	3230	2544	2304	2693	17.87	cps
Neodymium	150-1	30	27	27	28	6.92	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	893	943	853	897	5.03	cps
Phosphorus	31-2	83	87	97	89	7.81	cps
Potassium	39-2	12913	13009	12302	12741	3.01	cps
Rhodium	103-1	15562460	15619567	15483628	15555218	0.44	cps
Rhodium	103-2	5666831	5643167	5677840	5662612	0.31	cps
Scandium	45-1	11127491	11072012	11074482	11091328	0.28	cps
Scandium	45-2	194925	196014	196136	195692	0.34	cps
Selenium	82-1	-3	-30	60	9	519.86	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	0	3	0	1	173.21	cps
Silicon	28-1	552574	550187	546972	549911	0.51	cps
Silver	107-1	1277	1277	1160	1238	5.44	cps
Silver	109-1	1150	997	1020	1056	7.83	cps
Sodium	23-2	78985	77524	77685	78065	1.03	cps
Strontium	86-1	657	673	710	680	4.01	cps
Strontium	88-1	1417	1540	1457	1471	4.28	cps
Sulfur	34-1	737293	733184	737981	736153	0.35	cps
Terbium	159-1	21390943	21324923	21431668	21382511	0.25	cps
Terbium	159-2	6463678	6407162	6523040	6464627	0.90	cps
Thallium	203-1	1653	1460	1340	1485	10.65	cps
Thallium	205-1	3737	3564	3394	3565	4.82	cps
Tin	118-1	3737	3701	3667	3702	0.95	cps
Titanium	47-1	1057	880	817	918	13.55	cps
Uranium	238-1	690	543	450	561	21.56	cps

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : CCB021 Instrumnet Name : P8
Client Sample ID : CCB021 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 13:50:25 DataFile Name : 018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	37	20	13	23	51.52	cps
Ytterbium	172-1	150	130	93	124	23.10	cps
Ytterbium	172-2	20	57	33	37	50.62	cps
Ytterbium	176-1	1997	2077	2074	2049	2.21	cps
Ytterbium	176-2	287	407	327	340	17.97	cps
Yttrium	89-1	28736425	28773251	28317320	28608999	0.89	cps
Yttrium	89-2	1801139	1820729	1780353	1800740	1.12	cps
Zinc	66-2	333	357	283	324	11.55	cps
Zirconium	90-1	1477	1507	1443	1476	2.15	cps
Zirconium	91-1	327	313	327	322	2.39	cps

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : Q1159-01DLX2 Instrumnet Name : P8
Client Sample ID : YE8C9 Dilution Factor : 2
Date & Time Acquired : 2025-02-11 13:53:45 DataFile Name : 019AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	786934	787424	783325	785894	0.28	cps
Antimony	121-1	5301	5378	5481	5387	1.68	cps
Arsenic	75-2	8683	8599	8933	8738	1.99	cps
Barium	135-1	513366	514803	513554	513908	0.15	cps
Barium	137-1	897467	896559	900540	898189	0.23	cps
Beryllium	9-1	3550	3658	3683	3630	1.94	cps
Bismuth	209-1	13875169	13260921	13231291	13455793	2.70	cps
Bismuth	209-2	4459130	4193644	4973991	4542255	8.73	cps
Bromine	81-1	6472	6602	6878	6651	3.12	cps
Cadmium	108-1	103	130	137	123	14.30	cps
Cadmium	106-1	8283	7696	8072	8017	3.71	cps
Cadmium	111-1	6165	5793	6095	6018	3.29	cps
Calcium	43-1	163865	165986	165236	165029	0.65	cps
Calcium	44-1	2751631	2782490	2752449	2762190	0.64	cps
Carbon	12-1	3755278	3775489	3849006	3793257	1.30	cps
Carbon	12-2	24971	25546	25329	25282	1.15	cps
Chlorine	35-1	85416520	92934442	95239615	91196859	5.63	cps
Chlorine	35-2	377007	383788	382155	380984	0.93	cps
Chromium	52-2	96530	96872	95899	96433	0.51	cps
Cobalt	59-2	103369	102361	101096	102275	1.11	cps
Copper	63-2	268500	267913	270868	269094	0.58	cps
Dysprosium	156-1	38940	38896	40070	39302	1.69	cps
Dysprosium	156-2	13450	13300	12910	13220	2.11	cps
Erbium	164-1	37245	37192	36644	37027	0.90	cps
Erbium	164-2	11418	11715	11218	11451	2.18	cps
Gadolinium	160-1	40016	40358	41524	40633	1.95	cps
Gadolinium	160-2	15499	15746	16353	15866	2.77	cps
Holmium	165-1	21747282	21212370	20677916	21212523	2.52	cps
Holmium	165-2	5978041	5520067	6732015	6076708	10.07	cps
Indium	115-1	16805816	16664419	16428827	16633020	1.14	cps
Indium	115-2	1264795	1167322	1412911	1281676	9.65	cps
Iron	54-2	4640873	4596754	4572174	4603267	0.76	cps
Iron	56-2	85661732	84754087	83996755	84804192	0.98	cps
Iron	57-2	2187726	2178328	2143375	2169810	1.08	cps
Krypton	83-1	390	377	380	382	1.82	cps
Lead	206-1	191067	194698	191358	192374	1.05	cps

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : Q1159-01DLX2 Instrumnet Name : P8
Client Sample ID : YE8C9 Dilution Factor : 2
Date & Time Acquired : 2025-02-11 13:53:45 DataFile Name : 019AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	154180	154894	154844	154639	0.26	cps
Lead	208-1	730424	739031	732268	733908	0.62	cps
Lithium	6-1	7916853	7900556	7764911	7860774	1.06	cps
Magnesium	24-2	1407189	1428229	1420957	1418792	0.75	cps
Manganese	55-2	353384	349390	345747	349507	1.09	cps
Molybdenum	94-1	6935	7165	7185	7095	1.96	cps
Molybdenum	95-1	4081	4134	4201	4138	1.45	cps
Molybdenum	96-1	5491	5451	5612	5518	1.51	cps
Molybdenum	97-1	2604	2484	2710	2599	4.36	cps
Molybdenum	98-1	6928	6642	6598	6723	2.67	cps
Neodymium	150-1	41604	42086	41918	41869	0.58	cps
Neodymium	150-2	9133	9290	8800	9074	2.76	cps
Nickel	60-2	74108	73907	73411	73809	0.49	cps
Phosphorus	31-2	1120	1087	1143	1117	2.55	cps
Potassium	39-2	53656	57768	56040	55821	3.70	cps
Rhodium	103-1	15403632	15227061	15063333	15231342	1.12	cps
Rhodium	103-2	5021695	4595390	5563967	5060350	9.59	cps
Scandium	45-1	11171588	11095183	11021964	11096245	0.67	cps
Scandium	45-2	177590	160780	197014	178462	10.16	cps
Selenium	82-1	37	143	77	86	62.98	cps
Selenium	77-2	37	60	53	50	24.03	cps
Selenium	78-2	47	37	40	41	12.39	cps
Silicon	28-1	63034696	62269712	60978356	62094255	1.67	cps
Silver	107-1	4924	4451	4337	4571	6.81	cps
Silver	109-1	4504	4314	3984	4267	6.17	cps
Sodium	23-2	94404	95194	94978	94859	0.43	cps
Strontium	86-1	150285	152145	150981	151137	0.62	cps
Strontium	88-1	1313137	1315579	1334872	1321196	0.90	cps
Sulfur	34-1	713149	706556	697304	705670	1.13	cps
Terbium	159-1	21587427	21770691	21210543	21522887	1.33	cps
Terbium	159-2	5638770	5275075	6353839	5755895	9.54	cps
Thallium	203-1	3157	3000	2937	3032	3.74	cps
Thallium	205-1	7609	7492	7269	7457	2.32	cps
Tin	118-1	4224	3971	3774	3990	5.66	cps
Titanium	47-1	21026	45709	23942	30226	44.62	cps
Uranium	238-1	13694	13681	14278	13884	2.46	cps

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : Q1159-01DLX2 Instrumnet Name : P8
Client Sample ID : YE8C9 Dilution Factor : 2
Date & Time Acquired : 2025-02-11 13:53:45 DataFile Name : 019AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	89477	90071	88518	89355	0.88	cps
Ytterbium	172-1	11061	10978	10845	10961	1.00	cps
Ytterbium	172-2	4154	4131	4177	4154	0.56	cps
Ytterbium	176-1	8890	9150	8643	8894	2.85	cps
Ytterbium	176-2	2894	2854	2794	2847	1.77	cps
Yttrium	89-1	29300030	28633977	28299642	28744550	1.77	cps
Yttrium	89-2	1653632	1521640	1814806	1663359	8.83	cps
Zinc	66-2	39121	38923	38937	38994	0.28	cps
Zirconium	90-1	14230	16986	13248	14821	13.07	cps
Zirconium	91-1	3421	3167	3214	3267	4.13	cps

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : Q1159-02DLX2 Instrumnet Name : P8
Client Sample ID : YE8C9D Dilution Factor : 2
Date & Time Acquired : 2025-02-11 13:57:03 DataFile Name : 020AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	787887	793634	794972	792164	0.48	cps
Antimony	121-1	5011	5421	4978	5137	4.81	cps
Arsenic	75-2	8706	8519	8773	8666	1.52	cps
Barium	135-1	516247	517418	513193	515619	0.42	cps
Barium	137-1	903102	904596	907246	904981	0.23	cps
Beryllium	9-1	3561	3521	3472	3518	1.26	cps
Bismuth	209-1	13341991	13263071	13500420	13368494	0.90	cps
Bismuth	209-2	4999734	5089382	5005155	5031424	1.00	cps
Bromine	81-1	6548	6832	6438	6606	3.07	cps
Cadmium	108-1	130	113	127	123	7.15	cps
Cadmium	106-1	8223	8099	8389	8237	1.77	cps
Cadmium	111-1	6175	5967	6274	6138	2.55	cps
Calcium	43-1	165759	164600	166305	165555	0.53	cps
Calcium	44-1	2809852	2824930	2755439	2796740	1.31	cps
Carbon	12-1	3764537	3800606	3767791	3777644	0.53	cps
Carbon	12-2	24798	25242	24387	24809	1.72	cps
Chlorine	35-1	92171485	98496822	101397535	97355281	4.85	cps
Chlorine	35-2	388465	390742	394418	391208	0.77	cps
Chromium	52-2	95956	96882	97127	96655	0.64	cps
Cobalt	59-2	102291	102656	101965	102304	0.34	cps
Copper	63-2	272221	272737	273649	272869	0.27	cps
Dysprosium	156-1	39725	39946	39261	39644	0.88	cps
Dysprosium	156-2	13157	13093	13393	13214	1.20	cps
Erbium	164-1	36941	37834	37570	37448	1.22	cps
Erbium	164-2	11322	11615	11542	11493	1.33	cps
Gadolinium	160-1	41401	40421	41775	41199	1.70	cps
Gadolinium	160-2	16126	16033	15976	16045	0.47	cps
Holmium	165-1	21192754	20869823	21286825	21116467	1.04	cps
Holmium	165-2	6702922	6701684	6707447	6704018	0.05	cps
Indium	115-1	16970463	16555997	16425235	16650565	1.71	cps
Indium	115-2	1418939	1422114	1426504	1422519	0.27	cps
Iron	54-2	4758906	4681142	4714342	4718130	0.83	cps
Iron	56-2	85727040	85295132	86172644	85731605	0.51	cps
Iron	57-2	2153417	2189400	2184073	2175630	0.89	cps
Krypton	83-1	347	320	333	333	4.00	cps
Lead	206-1	191020	190852	191727	191200	0.24	cps

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : Q1159-02DLX2 Instrumnet Name : P8
Client Sample ID : YE8C9D Dilution Factor : 2
Date & Time Acquired : 2025-02-11 13:57:03 DataFile Name : 020AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	155231	155657	154311	155066	0.44	cps
Lead	208-1	732461	734613	731401	732825	0.22	cps
Lithium	6-1	8068817	7925836	7936917	7977190	1.00	cps
Magnesium	24-2	1413547	1415420	1408880	1412615	0.24	cps
Manganese	55-2	350951	349835	351926	350904	0.30	cps
Molybdenum	94-1	7143	7216	7092	7150	0.87	cps
Molybdenum	95-1	4121	4141	3921	4061	3.00	cps
Molybdenum	96-1	6168	5401	5518	5696	7.26	cps
Molybdenum	97-1	2540	2377	2567	2495	4.12	cps
Molybdenum	98-1	6465	6418	6815	6566	3.30	cps
Neodymium	150-1	42674	42975	42808	42819	0.35	cps
Neodymium	150-2	9180	9217	9046	9148	0.98	cps
Nickel	60-2	73636	74051	74185	73957	0.39	cps
Phosphorus	31-2	1017	1027	1013	1019	0.68	cps
Potassium	39-2	55365	53325	53503	54064	2.09	cps
Rhodium	103-1	15652344	15521410	15464494	15546083	0.62	cps
Rhodium	103-2	5668511	5587718	5595542	5617257	0.79	cps
Scandium	45-1	11434626	11338657	11225776	11333020	0.92	cps
Scandium	45-2	200289	196235	201218	199247	1.33	cps
Selenium	82-1	133	113	113	120	9.62	cps
Selenium	77-2	83	63	53	67	22.91	cps
Selenium	78-2	70	50	40	53	28.64	cps
Silicon	28-1	61625207	62732102	64373659	62910323	2.20	cps
Silver	107-1	3891	4077	4241	4070	4.30	cps
Silver	109-1	3307	3694	3844	3615	7.66	cps
Sodium	23-2	88727	89616	89549	89298	0.55	cps
Strontium	86-1	152357	153306	152864	152842	0.31	cps
Strontium	88-1	1323988	1328012	1332306	1328102	0.31	cps
Sulfur	34-1	685435	682378	678770	682195	0.49	cps
Terbium	159-1	21689531	21520336	21356510	21522126	0.77	cps
Terbium	159-2	6413932	6484973	6479243	6459383	0.61	cps
Thallium	203-1	2620	2814	3087	2840	8.26	cps
Thallium	205-1	6185	6535	7436	6718	9.60	cps
Tin	118-1	3847	3767	3937	3851	2.21	cps
Titanium	47-1	30264	27117	29291	28891	5.58	cps
Uranium	238-1	13738	14022	13637	13799	1.45	cps

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : Q1159-02DLX2 Instrumnet Name : P8
Client Sample ID : YE8C9D Dilution Factor : 2
Date & Time Acquired : 2025-02-11 13:57:03 DataFile Name : 020AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	90581	90282	89149	90004	0.84	cps
Ytterbium	172-1	11041	10347	10908	10766	3.42	cps
Ytterbium	172-2	3994	4127	3984	4035	1.98	cps
Ytterbium	176-1	8369	8786	8256	8471	3.30	cps
Ytterbium	176-2	2807	2760	2930	2833	3.10	cps
Yttrium	89-1	29025150	29242992	29117978	29128707	0.38	cps
Yttrium	89-2	1855512	1812381	1867467	1845120	1.57	cps
Zinc	66-2	38536	39388	39010	38978	1.10	cps
Zirconium	90-1	12179	13409	13277	12955	5.21	cps
Zirconium	91-1	14334	2964	3010	6769	96.78	cps

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : Q1159-01LDLX10 Instrumnet Name : P8
Client Sample ID : YE8C9L Dilution Factor : 10
Date & Time Acquired : 2025-02-11 14:00:19 DataFile Name : 021AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	158094	157917	156052	157354	0.72	cps
Antimony	121-1	1077	1250	1027	1118	10.49	cps
Arsenic	75-2	1737	1743	1727	1736	0.48	cps
Barium	135-1	103189	103324	103888	103467	0.36	cps
Barium	137-1	179713	180557	180221	180164	0.24	cps
Beryllium	9-1	1075	1171	1074	1107	5.05	cps
Bismuth	209-1	13344141	13335717	13371543	13350467	0.14	cps
Bismuth	209-2	5027330	4999458	4986469	5004419	0.42	cps
Bromine	81-1	5111	4868	4928	4969	2.55	cps
Cadmium	108-1	30	57	40	42	31.91	cps
Cadmium	106-1	7886	7315	7852	7684	4.17	cps
Cadmium	111-1	5676	5221	5569	5488	4.33	cps
Calcium	43-1	33542	33730	33883	33718	0.51	cps
Calcium	44-1	566526	566097	565576	566066	0.08	cps
Carbon	12-1	3401329	3372305	3410232	3394622	0.58	cps
Carbon	12-2	22294	22017	22247	22186	0.67	cps
Chlorine	35-1	23640878	24282560	24549559	24157665	1.93	cps
Chlorine	35-2	89940	90937	90430	90436	0.55	cps
Chromium	52-2	19470	19757	19971	19733	1.27	cps
Cobalt	59-2	20738	20665	20241	20548	1.31	cps
Copper	63-2	56682	56867	56244	56598	0.56	cps
Dysprosium	156-1	7832	8103	8056	7997	1.81	cps
Dysprosium	156-2	2544	2527	2537	2536	0.33	cps
Erbium	164-1	7922	7499	7646	7689	2.80	cps
Erbium	164-2	2344	2267	2350	2320	2.00	cps
Gadolinium	160-1	8333	8456	8196	8328	1.56	cps
Gadolinium	160-2	3320	2990	3154	3155	5.23	cps
Holmium	165-1	21130163	21033594	21145315	21103024	0.29	cps
Holmium	165-2	6744963	6721301	6754975	6740413	0.26	cps
Indium	115-1	16624632	16656734	16653562	16644976	0.11	cps
Indium	115-2	1420798	1433569	1432512	1428960	0.50	cps
Iron	54-2	922965	914357	927957	921760	0.75	cps
Iron	56-2	17298692	17169068	16934226	17133995	1.08	cps
Iron	57-2	425449	419573	420960	421994	0.73	cps
Krypton	83-1	347	300	313	320	7.51	cps
Lead	206-1	41296	41406	41787	41496	0.62	cps

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : Q1159-01LDLX10 Instrumnet Name : P8
Client Sample ID : YE8C9L Dilution Factor : 10
Date & Time Acquired : 2025-02-11 14:00:19 DataFile Name : 021AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	34436	33824	34593	34284	1.18	cps
Lead	208-1	161422	159033	162024	160826	0.98	cps
Lithium	6-1	8112199	7784870	7781458	7892842	2.41	cps
Magnesium	24-2	277438	280587	277735	278587	0.62	cps
Manganese	55-2	70402	72228	69880	70837	1.74	cps
Molybdenum	94-1	1743	1914	2027	1895	7.53	cps
Molybdenum	95-1	973	947	927	949	2.47	cps
Molybdenum	96-1	1393	1203	1270	1289	7.48	cps
Molybdenum	97-1	727	590	613	643	11.36	cps
Molybdenum	98-1	1640	1483	1610	1578	5.27	cps
Neodymium	150-1	8463	8123	8276	8287	2.06	cps
Neodymium	150-2	1787	1790	1823	1800	1.13	cps
Nickel	60-2	15402	15345	15475	15407	0.42	cps
Phosphorus	31-2	283	293	287	288	1.77	cps
Potassium	39-2	19213	18929	19321	19154	1.06	cps
Rhodium	103-1	15608584	15555282	15515258	15559708	0.30	cps
Rhodium	103-2	5648208	5651796	5566470	5622158	0.86	cps
Scandium	45-1	11277031	11154690	11189552	11207091	0.56	cps
Scandium	45-2	193460	194045	195111	194205	0.43	cps
Selenium	82-1	-3	0	3	0	0.00	cps
Selenium	77-2	7	7	7	7	0.00	cps
Selenium	78-2	20	7	17	14	48.02	cps
Silicon	28-1	15108019	12971658	12964946	13681541	9.03	cps
Silver	107-1	860	983	963	936	7.08	cps
Silver	109-1	850	813	883	849	4.13	cps
Sodium	23-2	68466	68333	67070	67956	1.13	cps
Strontium	86-1	30884	31415	31024	31108	0.88	cps
Strontium	88-1	266199	268715	268934	267950	0.57	cps
Sulfur	34-1	660483	656784	652411	656559	0.62	cps
Terbium	159-1	21170761	21242148	21264433	21225781	0.23	cps
Terbium	159-2	6384698	6380939	6412947	6392861	0.27	cps
Thallium	203-1	1180	1093	1073	1116	5.08	cps
Thallium	205-1	2680	2674	2440	2598	5.26	cps
Tin	118-1	2827	2620	2607	2685	4.60	cps
Titanium	47-1	4184	4935	5757	4959	15.87	cps
Uranium	238-1	2600	2660	2747	2669	2.76	cps

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : Q1159-01LDLX10 Instrumnet Name : P8
Client Sample ID : YE8C9L Dilution Factor : 10
Date & Time Acquired : 2025-02-11 14:00:19 DataFile Name : 021AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	17631	17644	18419	17898	2.52	cps
Ytterbium	172-1	2350	2194	2350	2298	3.94	cps
Ytterbium	172-2	827	923	843	864	5.98	cps
Ytterbium	176-1	3337	3337	3364	3346	0.46	cps
Ytterbium	176-2	770	820	817	802	3.48	cps
Yttrium	89-1	28809450	28723675	28621494	28718207	0.33	cps
Yttrium	89-2	1809980	1831621	1840499	1827367	0.86	cps
Zinc	66-2	8076	8242	7992	8103	1.57	cps
Zirconium	90-1	3280	3127	3357	3255	3.60	cps
Zirconium	91-1	1277	847	760	961	28.81	cps

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : Q1159-03DLX2 Instrumnet Name : P8
Client Sample ID : YE8C9S Dilution Factor : 2
Date & Time Acquired : 2025-02-11 14:03:40 DataFile Name : 022AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	797069	797291	790296	794885	0.50	cps
Antimony	121-1	183308	183810	183605	183574	0.14	cps
Arsenic	75-2	9677	9610	9510	9599	0.87	cps
Barium	135-1	1334111	1319852	1333404	1329122	0.60	cps
Barium	137-1	2405793	2347400	2413247	2388813	1.51	cps
Beryllium	9-1	31781	32166	32006	31984	0.60	cps
Bismuth	209-1	13211981	13356044	13213564	13260530	0.62	cps
Bismuth	209-2	4981856	5106176	5018677	5035570	1.27	cps
Bromine	81-1	6328	6175	6275	6259	1.24	cps
Cadmium	108-1	1657	1747	1613	1672	4.07	cps
Cadmium	106-1	9914	9710	9560	9728	1.82	cps
Cadmium	111-1	28014	27188	27453	27552	1.53	cps
Calcium	43-1	190726	190399	190862	190662	0.12	cps
Calcium	44-1	3061299	3059579	3020440	3047106	0.76	cps
Carbon	12-1	3552608	3489118	3554285	3532004	1.05	cps
Carbon	12-2	23208	22748	23101	23019	1.05	cps
Chlorine	35-1	98296909	105543818	106494978	103445235	4.33	cps
Chlorine	35-2	413648	409340	412045	411678	0.53	cps
Chromium	52-2	163735	164416	165323	164491	0.48	cps
Cobalt	59-2	434104	428666	432375	431715	0.64	cps
Copper	63-2	396899	398399	391909	395736	0.86	cps
Dysprosium	156-1	38639	38184	38943	38589	0.99	cps
Dysprosium	156-2	13013	13484	13103	13200	1.89	cps
Erbium	164-1	36884	37108	37115	37036	0.35	cps
Erbium	164-2	11258	11512	11548	11439	1.38	cps
Gadolinium	160-1	40632	40144	40585	40453	0.67	cps
Gadolinium	160-2	15916	15215	16063	15732	2.88	cps
Holmium	165-1	21287211	21277550	21040518	21201759	0.66	cps
Holmium	165-2	6716757	6807545	6765005	6763102	0.67	cps
Indium	115-1	16660537	16584356	16495135	16580009	0.50	cps
Indium	115-2	1416180	1461441	1431521	1436381	1.60	cps
Iron	54-2	4669113	4567689	4580795	4605866	1.20	cps
Iron	56-2	83977314	84314410	84127760	84139828	0.20	cps
Iron	57-2	2137003	2144325	2099925	2127084	1.12	cps
Krypton	83-1	317	417	323	352	15.87	cps
Lead	206-1	215290	217253	216902	216481	0.48	cps

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : Q1159-03DLX2 Instrumnet Name : P8
Client Sample ID : YE8C9S Dilution Factor : 2
Date & Time Acquired : 2025-02-11 14:03:40 DataFile Name : 022AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	176817	177127	176811	176918	0.10	cps
Lead	208-1	829800	835145	830012	831652	0.36	cps
Lithium	6-1	8126044	7823808	7982229	7977360	1.90	cps
Magnesium	24-2	1415658	1394885	1379623	1396722	1.30	cps
Manganese	55-2	414044	411582	413682	413103	0.32	cps
Molybdenum	94-1	266772	266921	269245	267646	0.52	cps
Molybdenum	95-1	462600	464936	465465	464334	0.33	cps
Molybdenum	96-1	492747	500256	498231	497078	0.78	cps
Molybdenum	97-1	287678	288080	289234	288331	0.28	cps
Molybdenum	98-1	746046	755861	747095	749667	0.72	cps
Neodymium	150-1	41424	41655	42153	41744	0.89	cps
Neodymium	150-2	8693	9063	8986	8914	2.19	cps
Nickel	60-2	165041	164741	164987	164923	0.10	cps
Phosphorus	31-2	1077	1143	1167	1129	4.14	cps
Potassium	39-2	53054	53038	51622	52572	1.56	cps
Rhodium	103-1	15706758	15715586	15271326	15564557	1.63	cps
Rhodium	103-2	5548197	5693487	5588961	5610215	1.34	cps
Scandium	45-1	11277452	11423889	11295612	11332318	0.70	cps
Scandium	45-2	198222	202026	198590	199613	1.05	cps
Selenium	82-1	627	567	600	598	5.03	cps
Selenium	77-2	63	67	73	68	7.51	cps
Selenium	78-2	63	53	70	62	13.48	cps
Silicon	28-1	65918487	61456946	61035739	62803724	4.31	cps
Silver	107-1	108510	109158	109419	109029	0.43	cps
Silver	109-1	103518	103119	105336	103991	1.14	cps
Sodium	23-2	84898	85029	85676	85201	0.49	cps
Strontium	86-1	5875990	5854101	5748111	5826067	1.17	cps
Strontium	88-1	50649066	50575569	50381243	50535293	0.27	cps
Sulfur	34-1	643974	647530	639202	643569	0.65	cps
Terbium	159-1	21510672	21514100	21172030	21398934	0.92	cps
Terbium	159-2	6339971	6636163	6450137	6475424	2.31	cps
Thallium	203-1	86338	88643	88247	87743	1.41	cps
Thallium	205-1	210506	213957	211916	212126	0.82	cps
Tin	118-1	3661	3377	3434	3490	4.30	cps
Titanium	47-1	21618	38599	48649	36289	37.65	cps
Uranium	238-1	13547	14045	13671	13754	1.88	cps

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : Q1159-03DLX2 Instrumnet Name : P8
Client Sample ID : YE8C9S Dilution Factor : 2
Date & Time Acquired : 2025-02-11 14:03:40 DataFile Name : 022AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	219071	218766	220072	219303	0.31	cps
Ytterbium	172-1	10741	11075	10751	10856	1.75	cps
Ytterbium	172-2	4074	4021	3934	4010	1.76	cps
Ytterbium	176-1	8640	8469	8496	8535	1.07	cps
Ytterbium	176-2	3034	2977	2830	2947	3.56	cps
Yttrium	89-1	29245657	29121253	28759335	29042082	0.87	cps
Yttrium	89-2	1797706	1886557	1838348	1840870	2.42	cps
Zinc	66-2	65862	65202	65574	65546	0.50	cps
Zirconium	90-1	13424	13010	13737	13390	2.73	cps
Zirconium	91-1	3120	3067	4670	3619	25.15	cps

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : PB166570BL Instrumnet Name : P8
Client Sample ID : PBW570 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 14:15:28 DataFile Name : 023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	90	117	83	97	18.25	cps
Antimony	121-1	180	133	137	150	17.35	cps
Arsenic	75-2	10	17	7	11	45.82	cps
Barium	135-1	217	227	177	207	12.80	cps
Barium	137-1	257	250	283	263	6.70	cps
Beryllium	9-1	390	401	380	390	2.72	cps
Bismuth	209-1	13670634	13653845	13398026	13574169	1.13	cps
Bismuth	209-2	5187091	5095157	5064013	5115420	1.25	cps
Bromine	81-1	4551	4274	4357	4394	3.23	cps
Cadmium	108-1	33	33	33	33	0.00	cps
Cadmium	106-1	8122	7632	8259	8005	4.12	cps
Cadmium	111-1	5679	5366	5785	5610	3.88	cps
Calcium	43-1	367	463	427	419	11.65	cps
Calcium	44-1	25630	26645	25937	26070	2.00	cps
Carbon	12-1	3605543	3592543	3579270	3592452	0.37	cps
Carbon	12-2	23839	23886	24090	23938	0.56	cps
Chlorine	35-1	1338505	1291060	1256272	1295279	3.19	cps
Chlorine	35-2	4357	4277	4241	4292	1.39	cps
Chromium	52-2	730	787	717	744	4.99	cps
Cobalt	59-2	170	140	170	160	10.83	cps
Copper	63-2	2744	2640	2657	2680	2.07	cps
Dysprosium	156-1	50	40	40	43	13.32	cps
Dysprosium	156-2	0	7	10	6	91.64	cps
Erbium	164-1	90	107	127	108	17.03	cps
Erbium	164-2	20	37	33	30	29.40	cps
Gadolinium	160-1	100	113	110	108	6.44	cps
Gadolinium	160-2	23	20	23	22	8.65	cps
Holmium	165-1	20787672	20804899	21211138	20934570	1.14	cps
Holmium	165-2	6718900	6698914	6811720	6743178	0.89	cps
Indium	115-1	16835605	16913182	16632480	16793756	0.86	cps
Indium	115-2	1447892	1446196	1447121	1447070	0.06	cps
Iron	54-2	513	523	503	513	1.95	cps
Iron	56-2	8062	8066	7946	8025	0.85	cps
Iron	57-2	163	257	247	222	23.06	cps
Krypton	83-1	297	307	240	281	12.79	cps
Lead	206-1	2837	2717	2700	2751	2.71	cps

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : PB166570BL Instrumnet Name : P8
Client Sample ID : PBW570 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 14:15:28 DataFile Name : 023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	2294	2274	2110	2226	4.52	cps
Lead	208-1	10685	10912	10402	10666	2.40	cps
Lithium	6-1	7863288	8008021	7889288	7920199	0.97	cps
Magnesium	24-2	2780	2687	2794	2754	2.11	cps
Manganese	55-2	160	170	173	168	4.14	cps
Molybdenum	94-1	433	457	460	450	3.23	cps
Molybdenum	95-1	187	207	167	187	10.71	cps
Molybdenum	96-1	230	313	190	244	25.74	cps
Molybdenum	97-1	130	93	103	109	17.41	cps
Molybdenum	98-1	263	223	260	249	8.92	cps
Neodymium	150-1	17	20	17	18	10.81	cps
Neodymium	150-2	0	3	7	3	100.05	cps
Nickel	60-2	873	867	863	868	0.59	cps
Phosphorus	31-2	103	67	53	74	34.78	cps
Potassium	39-2	10407	10250	10531	10396	1.35	cps
Rhodium	103-1	15457629	15488946	15541379	15495985	0.27	cps
Rhodium	103-2	5692630	5711550	5675582	5693254	0.32	cps
Scandium	45-1	10925194	11284694	11300287	11170058	1.90	cps
Scandium	45-2	194836	196880	198941	196885	1.04	cps
Selenium	82-1	7	-37	63	11	451.11	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	17	0	17	11	86.60	cps
Silicon	28-1	529888	532878	532114	531627	0.29	cps
Silver	107-1	223	227	293	248	15.94	cps
Silver	109-1	133	170	120	141	18.35	cps
Sodium	23-2	61556	60301	60963	60940	1.03	cps
Strontium	86-1	613	557	613	594	5.50	cps
Strontium	88-1	1180	1227	1390	1266	8.71	cps
Sulfur	34-1	689294	691328	702327	694316	1.01	cps
Terbium	159-1	21541026	21814210	21328514	21561250	1.13	cps
Terbium	159-2	6474682	6448495	6461725	6461634	0.20	cps
Thallium	203-1	780	743	707	743	4.93	cps
Thallium	205-1	1820	1787	1757	1788	1.77	cps
Tin	118-1	3130	3120	3107	3119	0.38	cps
Titanium	47-1	523	583	487	531	9.19	cps
Uranium	238-1	53	23	20	32	56.98	cps

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : PB166570BL Instrumnet Name : P8
Client Sample ID : PBW570 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 14:15:28 DataFile Name : 023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	7	17	10	11	45.82	cps
Ytterbium	172-1	127	117	123	122	4.17	cps
Ytterbium	172-2	40	47	40	42	9.12	cps
Ytterbium	176-1	1900	1920	2160	1994	7.26	cps
Ytterbium	176-2	373	260	303	312	18.32	cps
Yttrium	89-1	28024745	28083446	28461445	28189879	0.84	cps
Yttrium	89-2	1869135	1819412	1844663	1844404	1.35	cps
Zinc	66-2	277	207	200	228	18.65	cps
Zirconium	90-1	900	993	1083	992	9.24	cps
Zirconium	91-1	267	200	200	222	17.32	cps

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : PB166570BS Instrumnet Name : P8
Client Sample ID : LCS570 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 14:18:49 DataFile Name : 024LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2977	2987	2840	2935	2.79	cps
Antimony	121-1	75366	75648	74682	75232	0.66	cps
Arsenic	75-2	747	730	723	733	1.64	cps
Barium	135-1	87701	88611	88033	88115	0.52	cps
Barium	137-1	150924	152317	152849	152030	0.65	cps
Beryllium	9-1	13068	12988	12857	12971	0.82	cps
Bismuth	209-1	13613427	13381374	13318186	13437662	1.16	cps
Bismuth	209-2	5172859	5024255	5066970	5088028	1.50	cps
Bromine	81-1	4427	4431	4507	4455	1.02	cps
Cadmium	108-1	933	797	850	860	8.01	cps
Cadmium	106-1	9193	9080	9583	9285	2.85	cps
Cadmium	111-1	14995	15028	15487	15170	1.81	cps
Calcium	43-1	59516	60366	59526	59802	0.82	cps
Calcium	44-1	971725	978430	977811	975989	0.38	cps
Carbon	12-1	3703673	3698098	3626819	3676197	1.17	cps
Carbon	12-2	24404	24554	24253	24404	0.62	cps
Chlorine	35-1	2471597	2683294	2719997	2624963	5.11	cps
Chlorine	35-2	10731	10360	10807	10633	2.25	cps
Chromium	52-2	15101	15475	15095	15224	1.43	cps
Cobalt	59-2	14524	14821	14411	14585	1.45	cps
Copper	63-2	27427	27417	27083	27309	0.72	cps
Dysprosium	156-1	53	60	20	44	48.22	cps
Dysprosium	156-2	13	10	3	9	57.30	cps
Erbium	164-1	127	100	127	118	13.07	cps
Erbium	164-2	27	27	33	29	13.31	cps
Gadolinium	160-1	83	97	123	101	20.15	cps
Gadolinium	160-2	17	0	13	10	88.20	cps
Holmium	165-1	21165149	21009167	20945289	21039869	0.54	cps
Holmium	165-2	6931859	6694296	6726824	6784326	1.90	cps
Indium	115-1	17125488	16701437	16724763	16850563	1.41	cps
Indium	115-2	1468491	1452864	1437365	1452907	1.07	cps
Iron	54-2	61029	61883	61582	61498	0.70	cps
Iron	56-2	1123086	1129415	1122975	1125159	0.33	cps
Iron	57-2	28629	27988	28135	28250	1.19	cps
Krypton	83-1	287	307	260	284	8.23	cps
Lead	206-1	31699	32798	32370	32289	1.72	cps

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : PB166570BS Instrumnet Name : P8
Client Sample ID : LCS570 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 14:18:49 DataFile Name : 024LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	27937	27736	28835	28170	2.08	cps
Lead	208-1	127395	129665	129344	128801	0.95	cps
Lithium	6-1	7987905	7860001	7945430	7931112	0.82	cps
Magnesium	24-2	249722	250900	251155	250592	0.31	cps
Manganese	55-2	3110	3117	3124	3117	0.21	cps
Molybdenum	94-1	133130	133298	133321	133250	0.08	cps
Molybdenum	95-1	194910	196405	194471	195262	0.52	cps
Molybdenum	96-1	211036	212659	210606	211434	0.51	cps
Molybdenum	97-1	120998	122092	120817	121302	0.57	cps
Molybdenum	98-1	310432	313712	312357	312167	0.53	cps
Neodymium	150-1	17	37	17	23	49.48	cps
Neodymium	150-2	0	7	0	2	173.21	cps
Nickel	60-2	4828	4724	4951	4834	2.35	cps
Phosphorus	31-2	250	280	220	250	12.00	cps
Potassium	39-2	145232	145737	146396	145788	0.40	cps
Rhodium	103-1	15702396	15603961	15735173	15680510	0.44	cps
Rhodium	103-2	5721737	5712566	5611819	5682041	1.07	cps
Scandium	45-1	11308777	11119028	11199264	11209023	0.85	cps
Scandium	45-2	203148	200705	197666	200506	1.37	cps
Selenium	82-1	2724	2840	2790	2785	2.10	cps
Selenium	77-2	43	27	30	33	26.45	cps
Selenium	78-2	167	173	150	163	7.36	cps
Silicon	28-1	858676	863063	862674	861471	0.28	cps
Silver	107-1	45505	46455	46605	46188	1.29	cps
Silver	109-1	43636	43980	43967	43861	0.44	cps
Sodium	23-2	563172	563198	570580	565650	0.75	cps
Strontium	86-1	21453	22044	21847	21781	1.38	cps
Strontium	88-1	186315	187855	187589	187253	0.44	cps
Sulfur	34-1	715949	717189	721598	718245	0.41	cps
Terbium	159-1	21719594	21247044	21540591	21502409	1.11	cps
Terbium	159-2	6613024	6455192	6464170	6510795	1.36	cps
Thallium	203-1	36508	36622	37096	36742	0.85	cps
Thallium	205-1	91164	88540	90301	90002	1.49	cps
Tin	118-1	149724	151703	152553	151327	0.96	cps
Titanium	47-1	7319	7175	7255	7250	0.99	cps
Uranium	238-1	110374	112207	111189	111257	0.83	cps

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : PB166570BS Instrumnet Name : P8
Client Sample ID : LCS570 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 14:18:49 DataFile Name : 024LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	29133	28909	28852	28965	0.51	cps
Ytterbium	172-1	137	133	127	132	3.85	cps
Ytterbium	172-2	57	33	60	50	29.06	cps
Ytterbium	176-1	2197	2374	2244	2271	4.03	cps
Ytterbium	176-2	380	340	380	367	6.30	cps
Yttrium	89-1	29247055	28613975	28421315	28760782	1.50	cps
Yttrium	89-2	1868754	1810392	1796589	1825245	2.10	cps
Zinc	66-2	6271	6118	5888	6092	3.17	cps
Zirconium	90-1	63483	65061	63058	63867	1.65	cps
Zirconium	91-1	14010	14261	13990	14087	1.07	cps

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : Q1135-09 Instrumnet Name : P8
Client Sample ID : YE8H7 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 14:22:18 DataFile Name : 025AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	187	177	153	172	9.93	cps
Antimony	121-1	160	167	147	158	6.45	cps
Arsenic	75-2	7	10	17	11	45.82	cps
Barium	135-1	310	397	397	368	13.61	cps
Barium	137-1	503	447	540	497	9.47	cps
Beryllium	9-1	374	365	394	377	3.90	cps
Bismuth	209-1	14183191	13980729	13698153	13954024	1.75	cps
Bismuth	209-2	5278453	5217033	5201244	5232243	0.78	cps
Bromine	81-1	4121	4154	4254	4176	1.66	cps
Cadmium	108-1	37	17	30	28	36.66	cps
Cadmium	106-1	8226	8326	8496	8349	1.64	cps
Cadmium	111-1	5776	5863	5973	5871	1.68	cps
Calcium	43-1	787	797	720	768	5.43	cps
Calcium	44-1	31381	31241	31401	31341	0.28	cps
Carbon	12-1	4231120	4687188	4994199	4637502	8.28	cps
Carbon	12-2	34654	35610	36037	35434	2.00	cps
Chlorine	35-1	870118	834926	807230	837425	3.76	cps
Chlorine	35-2	2744	2904	2734	2794	3.42	cps
Chromium	52-2	1520	1607	1537	1555	2.96	cps
Cobalt	59-2	63	103	110	92	27.37	cps
Copper	63-2	2800	2874	2774	2816	1.84	cps
Dysprosium	156-1	40	23	53	39	38.65	cps
Dysprosium	156-2	7	3	0	3	100.05	cps
Erbium	164-1	103	117	130	117	11.43	cps
Erbium	164-2	37	27	17	27	37.50	cps
Gadolinium	160-1	150	90	110	117	26.19	cps
Gadolinium	160-2	23	17	20	20	16.65	cps
Holmium	165-1	21936966	21759127	21289691	21661928	1.54	cps
Holmium	165-2	6811110	6915124	6808524	6844919	0.89	cps
Indium	115-1	17424113	17382266	17230353	17345577	0.59	cps
Indium	115-2	1496153	1485910	1463527	1481863	1.13	cps
Iron	54-2	623	640	780	681	12.63	cps
Iron	56-2	10334	10020	10240	10198	1.58	cps
Iron	57-2	260	223	197	227	14.03	cps
Krypton	83-1	267	337	273	292	13.22	cps
Lead	206-1	4571	3924	3534	4010	13.06	cps

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : Q1135-09 Instrumnet Name : P8
Client Sample ID : YE8H7 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 14:22:18 DataFile Name : 025AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	3857	3234	3000	3364	13.17	cps
Lead	208-1	17855	14963	13936	15585	13.04	cps
Lithium	6-1	8273041	7982010	8195113	8150055	1.85	cps
Magnesium	24-2	2980	3074	3330	3128	5.80	cps
Manganese	55-2	687	643	807	712	11.88	cps
Molybdenum	94-1	307	443	403	384	18.28	cps
Molybdenum	95-1	137	150	143	143	4.65	cps
Molybdenum	96-1	227	220	220	222	1.73	cps
Molybdenum	97-1	120	100	117	112	9.55	cps
Molybdenum	98-1	230	220	157	202	19.66	cps
Neodymium	150-1	17	3	43	21	96.48	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	843	857	897	866	3.21	cps
Phosphorus	31-2	113	107	113	111	3.46	cps
Potassium	39-2	10260	10931	10521	10571	3.20	cps
Rhodium	103-1	16255988	16127922	15905401	16096437	1.10	cps
Rhodium	103-2	5740710	5808568	5741725	5763668	0.67	cps
Scandium	45-1	11452886	11489165	11429967	11457339	0.26	cps
Scandium	45-2	201861	206424	201915	203400	1.29	cps
Selenium	82-1	-10	-90	57	-14	-508.44	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	3	7	0	3	100.05	cps
Silicon	28-1	687300	696304	704874	696159	1.26	cps
Silver	107-1	417	500	447	454	9.29	cps
Silver	109-1	317	257	233	269	15.99	cps
Sodium	23-2	69786	69967	69846	69866	0.13	cps
Strontium	86-1	760	927	1023	903	14.75	cps
Strontium	88-1	4474	4297	4151	4307	3.76	cps
Sulfur	34-1	723574	723250	725958	724261	0.20	cps
Terbium	159-1	22512836	22125871	22043115	22227274	1.13	cps
Terbium	159-2	6712862	6576837	6556106	6615268	1.29	cps
Thallium	203-1	927	837	663	809	16.55	cps
Thallium	205-1	2197	1800	1590	1862	16.55	cps
Tin	118-1	3190	3277	3320	3263	2.03	cps
Titanium	47-1	340	330	290	320	8.27	cps
Uranium	238-1	27	47	63	46	40.29	cps

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : Q1135-09 Instrumnet Name : P8
Client Sample ID : YE8H7 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 14:22:18 DataFile Name : 025AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	13	20	10	14	35.26	cps
Ytterbium	172-1	130	123	123	126	3.06	cps
Ytterbium	172-2	50	37	47	44	15.61	cps
Ytterbium	176-1	2087	2134	1930	2050	5.20	cps
Ytterbium	176-2	277	320	327	308	8.82	cps
Yttrium	89-1	30242858	29585202	29054671	29627577	2.01	cps
Yttrium	89-2	1854619	1841045	1811419	1835695	1.20	cps
Zinc	66-2	247	243	253	248	2.06	cps
Zirconium	90-1	1110	1043	907	1020	10.16	cps
Zirconium	91-1	223	183	177	194	12.98	cps

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : PB166317BL Instrumnet Name : P8
Client Sample ID : PBW317 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 14:25:40 DataFile Name : 026CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	83	93	113	97	15.81	cps
Antimony	121-1	130	97	117	114	14.66	cps
Arsenic	75-2	13	3	0	6	124.93	cps
Barium	135-1	157	250	203	203	22.95	cps
Barium	137-1	323	260	287	290	10.96	cps
Beryllium	9-1	354	344	357	352	2.02	cps
Bismuth	209-1	13607290	13346546	13285507	13413114	1.27	cps
Bismuth	209-2	5077988	5004051	5070557	5050866	0.81	cps
Bromine	81-1	4304	4204	4257	4255	1.18	cps
Cadmium	108-1	40	30	20	30	33.33	cps
Cadmium	106-1	8339	7592	7772	7901	4.93	cps
Cadmium	111-1	5829	5330	5450	5537	4.71	cps
Calcium	43-1	477	390	393	420	11.69	cps
Calcium	44-1	25422	25272	25356	25350	0.30	cps
Carbon	12-1	4081839	3981313	3922052	3995068	2.02	cps
Carbon	12-2	25515	25452	24951	25306	1.22	cps
Chlorine	35-1	671964	655612	643981	657186	2.14	cps
Chlorine	35-2	2224	2160	2177	2187	1.50	cps
Chromium	52-2	787	710	693	730	6.82	cps
Cobalt	59-2	160	120	137	139	14.47	cps
Copper	63-2	2624	2657	2804	2695	3.55	cps
Dysprosium	156-1	57	50	60	56	9.17	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	80	127	77	94	29.60	cps
Erbium	164-2	40	37	43	40	8.32	cps
Gadolinium	160-1	127	110	113	117	7.56	cps
Gadolinium	160-2	20	17	30	22	31.22	cps
Holmium	165-1	20849235	20700029	20724787	20758017	0.39	cps
Holmium	165-2	6630606	6721061	6661490	6671052	0.69	cps
Indium	115-1	16716741	16976759	16474929	16722810	1.50	cps
Indium	115-2	1424596	1423002	1428478	1425359	0.20	cps
Iron	54-2	470	463	487	473	2.54	cps
Iron	56-2	6998	6675	7169	6947	3.61	cps
Iron	57-2	117	173	190	160	24.03	cps
Krypton	83-1	297	307	327	310	4.93	cps
Lead	206-1	2177	2224	2014	2138	5.16	cps

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : PB166317BL Instrumnet Name : P8
Client Sample ID : PBW317 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 14:25:40 DataFile Name : 026CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	1767	1773	1777	1772	0.29	cps
Lead	208-1	8098	8171	8034	8101	0.84	cps
Lithium	6-1	8023640	7851060	7912857	7929185	1.10	cps
Magnesium	24-2	2884	3190	3000	3025	5.12	cps
Manganese	55-2	143	113	110	122	15.02	cps
Molybdenum	94-1	477	430	410	439	7.80	cps
Molybdenum	95-1	177	153	193	174	11.52	cps
Molybdenum	96-1	270	213	247	243	11.70	cps
Molybdenum	97-1	117	110	140	122	12.89	cps
Molybdenum	98-1	257	297	257	270	8.55	cps
Neodymium	150-1	23	10	10	14	53.28	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	790	813	733	779	5.28	cps
Phosphorus	31-2	90	80	73	81	10.34	cps
Potassium	39-2	9660	10471	10127	10086	4.03	cps
Rhodium	103-1	15528866	15403719	15276956	15403181	0.82	cps
Rhodium	103-2	5654509	5636026	5547759	5612765	1.02	cps
Scandium	45-1	10958050	11031114	10947004	10978723	0.42	cps
Scandium	45-2	195596	193825	195548	194990	0.52	cps
Selenium	82-1	-70	-10	-67	-49	-68.97	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	13	13	7	11	34.61	cps
Silicon	28-1	548179	548170	548837	548395	0.07	cps
Silver	107-1	283	310	247	280	11.36	cps
Silver	109-1	130	157	153	147	9.91	cps
Sodium	23-2	58778	59179	59012	58990	0.34	cps
Strontium	86-1	620	590	650	620	4.84	cps
Strontium	88-1	1403	1267	1283	1318	5.66	cps
Sulfur	34-1	734063	734969	734366	734466	0.06	cps
Terbium	159-1	21220697	21266101	21382802	21289867	0.39	cps
Terbium	159-2	6390756	6477218	6413859	6427278	0.70	cps
Thallium	203-1	603	477	550	543	11.70	cps
Thallium	205-1	1253	1080	1127	1153	7.78	cps
Tin	118-1	3154	3097	3060	3104	1.52	cps
Titanium	47-1	577	517	520	538	6.27	cps
Uranium	238-1	43	57	63	54	18.71	cps

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : PB166317BL Instrumnet Name : P8
Client Sample ID : PBW317 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 14:25:40 DataFile Name : 026CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	17	23	13	18	28.64	cps
Ytterbium	172-1	110	110	107	109	1.77	cps
Ytterbium	172-2	33	37	47	39	17.85	cps
Ytterbium	176-1	1920	2007	2057	1995	3.47	cps
Ytterbium	176-2	263	337	290	297	12.51	cps
Yttrium	89-1	28525805	27944335	28395065	28288402	1.08	cps
Yttrium	89-2	1802541	1830850	1777917	1803769	1.47	cps
Zinc	66-2	267	247	197	237	15.23	cps
Zirconium	90-1	1020	1023	997	1013	1.43	cps
Zirconium	91-1	190	153	157	167	12.16	cps

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : PB166317BS Instrumnet Name : P8
Client Sample ID : LCS317 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 14:29:05 DataFile Name : 027LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2990	2997	3124	3037	2.47	cps
Antimony	121-1	73164	73570	74753	73829	1.12	cps
Arsenic	75-2	703	707	623	678	6.96	cps
Barium	135-1	85568	86799	87302	86556	1.03	cps
Barium	137-1	152251	152195	151750	152065	0.18	cps
Beryllium	9-1	12958	12820	12892	12890	0.53	cps
Bismuth	209-1	13328545	13389641	13465396	13394528	0.51	cps
Bismuth	209-2	5030484	4988085	5151591	5056720	1.68	cps
Bromine	81-1	4231	4291	4121	4214	2.05	cps
Cadmium	108-1	830	883	877	863	3.37	cps
Cadmium	106-1	8930	8623	8706	8753	1.81	cps
Cadmium	111-1	14836	14788	14687	14770	0.51	cps
Calcium	43-1	59395	58585	59218	59066	0.72	cps
Calcium	44-1	960994	973542	956067	963534	0.94	cps
Carbon	12-1	4138020	4170033	4118816	4142290	0.62	cps
Carbon	12-2	27532	27332	27469	27445	0.37	cps
Chlorine	35-1	2134645	2312818	2396382	2281281	5.86	cps
Chlorine	35-2	9713	9613	9393	9573	1.71	cps
Chromium	52-2	14848	14875	14885	14869	0.13	cps
Cobalt	59-2	14838	14641	14724	14734	0.67	cps
Copper	63-2	26926	26698	26859	26828	0.44	cps
Dysprosium	156-1	77	53	43	58	29.61	cps
Dysprosium	156-2	7	7	7	7	0.00	cps
Erbium	164-1	130	80	87	99	27.45	cps
Erbium	164-2	33	30	47	37	24.06	cps
Gadolinium	160-1	123	157	97	126	23.94	cps
Gadolinium	160-2	23	7	27	19	56.72	cps
Holmium	165-1	21165296	20695327	20723832	20861485	1.26	cps
Holmium	165-2	6700262	6684173	6711955	6698797	0.21	cps
Indium	115-1	16722258	16569250	16367012	16552840	1.08	cps
Indium	115-2	1433909	1425313	1460030	1439751	1.26	cps
Iron	54-2	61010	61241	62285	61512	1.10	cps
Iron	56-2	1113026	1104063	1120262	1112450	0.73	cps
Iron	57-2	27363	27804	27500	27556	0.82	cps
Krypton	83-1	283	280	320	294	7.54	cps
Lead	206-1	31335	31388	31595	31439	0.44	cps

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : PB166317BS Instrumnet Name : P8
Client Sample ID : LCS317 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 14:29:05 DataFile Name : 027LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	27800	27292	27215	27436	1.16	cps
Lead	208-1	125494	125344	124861	125233	0.26	cps
Lithium	6-1	8014041	7922727	7968687	7968485	0.57	cps
Magnesium	24-2	249348	247223	248463	248345	0.43	cps
Manganese	55-2	3010	3147	3080	3079	2.22	cps
Molybdenum	94-1	73405	73067	72927	73133	0.34	cps
Molybdenum	95-1	88784	87755	90177	88905	1.37	cps
Molybdenum	96-1	100315	100171	100097	100194	0.11	cps
Molybdenum	97-1	55085	55855	55099	55346	0.80	cps
Molybdenum	98-1	142735	143718	146215	144222	1.24	cps
Neodymium	150-1	40	20	23	28	38.58	cps
Neodymium	150-2	0	10	3	4	114.60	cps
Nickel	60-2	4831	4671	4814	4772	1.84	cps
Phosphorus	31-2	213	230	193	212	8.65	cps
Potassium	39-2	146340	143916	144569	144942	0.87	cps
Rhodium	103-1	15840646	15491205	15403042	15578298	1.49	cps
Rhodium	103-2	5717431	5611434	5580524	5636463	1.27	cps
Scandium	45-1	11139448	11013459	10915987	11022965	1.02	cps
Scandium	45-2	199251	197548	200035	198945	0.64	cps
Selenium	82-1	2730	2570	2920	2740	6.40	cps
Selenium	77-2	40	27	43	37	24.04	cps
Selenium	78-2	153	163	187	168	10.19	cps
Silicon	28-1	861258	867916	861934	863703	0.42	cps
Silver	107-1	44364	46441	46154	45653	2.46	cps
Silver	109-1	42997	44060	43498	43519	1.22	cps
Sodium	23-2	562873	560366	562423	561887	0.24	cps
Strontium	86-1	11715	12582	12032	12110	3.62	cps
Strontium	88-1	101418	100471	103104	101664	1.31	cps
Sulfur	34-1	728769	730980	730542	730097	0.16	cps
Terbium	159-1	21422802	21596873	21166609	21395428	1.01	cps
Terbium	159-2	6461743	6438002	6506708	6468817	0.54	cps
Thallium	203-1	36916	36357	36702	36658	0.77	cps
Thallium	205-1	87466	87338	87794	87533	0.27	cps
Tin	118-1	148309	150870	149667	149616	0.86	cps
Titanium	47-1	7349	6998	7219	7189	2.46	cps
Uranium	238-1	109229	110345	110417	109997	0.61	cps

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : PB166317BS Instrumnet Name : P8
Client Sample ID : LCS317 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 14:29:05 DataFile Name : 027LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	29247	28438	28385	28690	1.68	cps
Ytterbium	172-1	137	97	150	128	21.72	cps
Ytterbium	172-2	43	27	53	41	32.76	cps
Ytterbium	176-1	2107	2107	2014	2076	2.60	cps
Ytterbium	176-2	360	360	343	354	2.72	cps
Yttrium	89-1	28717067	28257405	27930601	28301691	1.40	cps
Yttrium	89-2	1800960	1795141	1798872	1798324	0.16	cps
Zinc	66-2	5875	5908	5895	5892	0.29	cps
Zirconium	90-1	62275	62945	62656	62625	0.54	cps
Zirconium	91-1	13947	13837	13620	13801	1.21	cps

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : Q1186-01 Instrumnet Name : P8
Client Sample ID : ME2948 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 14:32:25 DataFile Name : 028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	633	660	617	637	3.43	cps
Antimony	121-1	903	930	933	922	1.78	cps
Arsenic	75-2	127	137	97	120	17.35	cps
Barium	135-1	75804	75274	74966	75348	0.56	cps
Barium	137-1	129997	133766	133326	132363	1.56	cps
Beryllium	9-1	320	350	314	328	5.91	cps
Bismuth	209-1	12360129	12159719	12388507	12302785	1.01	cps
Bismuth	209-2	4583568	4728328	4545485	4619127	2.09	cps
Bromine	81-1	97093	109353	119480	108642	10.32	cps
Cadmium	108-1	37	27	33	32	15.80	cps
Cadmium	106-1	7836	7982	8199	8006	2.28	cps
Cadmium	111-1	5519	5602	5753	5625	2.10	cps
Calcium	43-1	19410115	19496383	19674969	19527156	0.69	cps
Calcium	44-1	311745822	314473229	315117255	313778769	0.57	cps
Carbon	12-1	6199554	7069999	7530544	6933366	9.75	cps
Carbon	12-2	55039	56003	57006	56016	1.76	cps
Chlorine	35-1	2997063	3260922	3342415	3200133	5.64	cps
Chlorine	35-2	12916	13126	12799	12947	1.28	cps
Chromium	52-2	2337	2434	2013	2261	9.73	cps
Cobalt	59-2	310	327	340	326	4.62	cps
Copper	63-2	3204	3200	3110	3172	1.67	cps
Dysprosium	156-1	310	287	260	286	8.76	cps
Dysprosium	156-2	73	110	107	97	20.98	cps
Erbium	164-1	397	347	330	358	9.70	cps
Erbium	164-2	97	143	100	113	22.97	cps
Gadolinium	160-1	340	433	310	361	17.81	cps
Gadolinium	160-2	103	83	113	100	15.28	cps
Holmium	165-1	20402756	20299464	20834414	20512211	1.38	cps
Holmium	165-2	6471565	6596433	6540870	6536289	0.96	cps
Indium	115-1	15717160	16056269	15887126	15886852	1.07	cps
Indium	115-2	1341717	1366135	1338539	1348797	1.12	cps
Iron	54-2	112323	111709	112559	112197	0.39	cps
Iron	56-2	2138185	2137755	2093256	2123066	1.22	cps
Iron	57-2	51379	51098	51994	51490	0.89	cps
Krypton	83-1	280	260	233	258	9.08	cps
Lead	206-1	3084	3084	2950	3039	2.53	cps

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : Q1186-01 Instrumnet Name : P8
Client Sample ID : ME2948 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 14:32:25 DataFile Name : 028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	2604	2644	2530	2593	2.22	cps
Lead	208-1	12252	12129	11932	12105	1.33	cps
Lithium	6-1	7521436	7514477	7612071	7549328	0.72	cps
Magnesium	24-2	27104995	27107735	27218039	27143589	0.24	cps
Manganese	55-2	40190	39602	40577	40123	1.22	cps
Molybdenum	94-1	3080	2997	2934	3004	2.45	cps
Molybdenum	95-1	3107	3397	3317	3274	4.58	cps
Molybdenum	96-1	3594	3560	3620	3592	0.84	cps
Molybdenum	97-1	2097	1977	2170	2081	4.69	cps
Molybdenum	98-1	4958	5274	5261	5164	3.47	cps
Neodymium	150-1	297	350	340	329	8.62	cps
Neodymium	150-2	90	70	57	72	23.23	cps
Nickel	60-2	1207	1157	1350	1238	8.11	cps
Phosphorus	31-2	117	103	73	98	22.70	cps
Potassium	39-2	465288	462418	460109	462605	0.56	cps
Rhodium	103-1	13979210	14231310	14297942	14169488	1.19	cps
Rhodium	103-2	5113480	5203076	5125784	5147447	0.94	cps
Scandium	45-1	10645510	10490357	10699503	10611790	1.02	cps
Scandium	45-2	192303	193427	189742	191824	0.98	cps
Selenium	82-1	83	153	250	162	51.59	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	7	3	20	10	88.20	cps
Silicon	28-1	71972664	72404511	72013361	72130178	0.33	cps
Silver	107-1	643	597	647	629	4.45	cps
Silver	109-1	340	353	287	327	10.80	cps
Sodium	23-2	14386268	14553925	14495396	14478530	0.59	cps
Strontium	86-1	74586052	75384509	75645964	75205508	0.73	cps
Strontium	88-1	655917177	661681910	663061857	660220315	0.57	cps
Sulfur	34-1	29137359	29050366	29303048	29163591	0.44	cps
Terbium	159-1	21058938	20520894	21024976	20868270	1.44	cps
Terbium	159-2	6212668	6300243	6226391	6246434	0.75	cps
Thallium	203-1	533	530	480	514	5.81	cps
Thallium	205-1	1360	1177	1233	1257	7.47	cps
Tin	118-1	16113	15549	15639	15767	1.92	cps
Titanium	47-1	1750	1890	1977	1872	6.11	cps
Uranium	238-1	11555	11188	11228	11324	1.78	cps

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : Q1186-01 Instrumnet Name : P8
Client Sample ID : ME2948 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 14:32:25 DataFile Name : 028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	260	317	310	296	10.48	cps
Ytterbium	172-1	210	200	273	228	17.46	cps
Ytterbium	172-2	117	67	97	93	26.96	cps
Ytterbium	176-1	1970	1960	1997	1976	0.96	cps
Ytterbium	176-2	267	327	283	292	10.60	cps
Yttrium	89-1	26897138	27614868	27359726	27290577	1.33	cps
Yttrium	89-2	1759827	1741395	1721147	1740789	1.11	cps
Zinc	66-2	1223	1187	1070	1160	6.90	cps
Zirconium	90-1	3370	3314	3157	3280	3.37	cps
Zirconium	91-1	740	713	710	721	2.28	cps

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : Q1159-01DL2X4 Instrumnet Name : P8
Client Sample ID : YE8C9 Dilution Factor : 4
Date & Time Acquired : 2025-02-11 14:35:40 DataFile Name : 029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	395065	398170	400313	397849	0.66	cps
Antimony	121-1	2347	2590	2310	2416	6.30	cps
Arsenic	75-2	4221	4114	4261	4198	1.81	cps
Barium	135-1	263062	263693	262978	263244	0.15	cps
Barium	137-1	454804	458529	455521	456285	0.43	cps
Beryllium	9-1	1957	1850	1796	1868	4.40	cps
Bismuth	209-1	13591849	13756356	13351588	13566598	1.50	cps
Bismuth	209-2	4808751	4506674	4991613	4769013	5.14	cps
Bromine	81-1	24461	21984	19864	22103	10.41	cps
Cadmium	108-1	67	83	57	69	19.55	cps
Cadmium	106-1	8446	8463	8273	8394	1.25	cps
Cadmium	111-1	6106	6049	6024	6060	0.69	cps
Calcium	43-1	85405	85140	84831	85125	0.34	cps
Calcium	44-1	1463817	1430183	1428002	1440667	1.39	cps
Carbon	12-1	4138647	3945005	3858322	3980658	3.61	cps
Carbon	12-2	24958	24310	24641	24636	1.31	cps
Chlorine	35-1	43411424	47142591	48764209	46439408	5.91	cps
Chlorine	35-2	188403	192053	191233	190563	1.00	cps
Chromium	52-2	49020	48990	49683	49231	0.79	cps
Cobalt	59-2	50533	50804	51135	50824	0.59	cps
Copper	63-2	135819	137888	136441	136716	0.78	cps
Dysprosium	156-1	19965	20496	20235	20232	1.31	cps
Dysprosium	156-2	6665	6895	6712	6757	1.80	cps
Erbium	164-1	19154	19000	19010	19055	0.45	cps
Erbium	164-2	5921	5905	5711	5846	2.00	cps
Gadolinium	160-1	20753	20886	21404	21014	1.64	cps
Gadolinium	160-2	8083	8056	7982	8040	0.64	cps
Holmium	165-1	21647737	21639675	20968669	21418694	1.82	cps
Holmium	165-2	6596876	6022539	6760849	6460088	6.00	cps
Indium	115-1	16910936	16796880	16312313	16673376	1.91	cps
Indium	115-2	1371047	1256496	1425605	1351049	6.39	cps
Iron	54-2	2347148	2367068	2359350	2357855	0.43	cps
Iron	56-2	42723857	43277743	42406692	42802764	1.03	cps
Iron	57-2	1052842	1063091	1064368	1060100	0.60	cps
Krypton	83-1	373	303	303	327	12.37	cps
Lead	206-1	102138	103271	102945	102785	0.57	cps

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : Q1159-01DL2X4 Instrumnet Name : P8
Client Sample ID : YE8C9 Dilution Factor : 4
Date & Time Acquired : 2025-02-11 14:35:40 DataFile Name : 029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	83577	83973	82806	83452	0.71	cps
Lead	208-1	391785	393009	392610	392468	0.16	cps
Lithium	6-1	8020270	7999226	7939024	7986173	0.53	cps
Magnesium	24-2	692569	705208	699792	699190	0.91	cps
Manganese	55-2	176496	176864	175741	176367	0.32	cps
Molybdenum	94-1	3681	5527	12868	7359	66.04	cps
Molybdenum	95-1	1967	2127	1970	2021	4.52	cps
Molybdenum	96-1	2907	2750	2854	2837	2.81	cps
Molybdenum	97-1	1307	1310	1390	1336	3.53	cps
Molybdenum	98-1	3394	3204	3180	3259	3.59	cps
Neodymium	150-1	21674	20876	21260	21270	1.88	cps
Neodymium	150-2	4444	4601	4411	4485	2.26	cps
Nickel	60-2	37285	37322	37423	37343	0.19	cps
Phosphorus	31-2	667	567	573	602	9.28	cps
Potassium	39-2	31866	32356	35998	33407	6.76	cps
Rhodium	103-1	15602222	15689223	15218615	15503353	1.62	cps
Rhodium	103-2	5408489	4920301	5581312	5303367	6.46	cps
Scandium	45-1	11243628	11158606	10809521	11070585	2.08	cps
Scandium	45-2	189677	173770	195272	186240	5.99	cps
Selenium	82-1	-40	-20	17	-14	-198.99	cps
Selenium	77-2	37	13	27	26	45.82	cps
Selenium	78-2	30	10	20	20	50.00	cps
Silicon	28-1	31199160	30942935	31770877	31304324	1.35	cps
Silver	107-1	2444	2220	2270	2311	5.07	cps
Silver	109-1	2057	2027	2090	2058	1.54	cps
Sodium	23-2	75286	76204	76127	75872	0.67	cps
Strontium	86-1	80627	79732	79314	79891	0.84	cps
Strontium	88-1	696377	696572	697194	696714	0.06	cps
Sulfur	34-1	776270	756753	749033	760686	1.85	cps
Terbium	159-1	21873285	21788643	21273626	21645185	1.50	cps
Terbium	159-2	6287415	5763645	6470174	6173744	5.94	cps
Thallium	203-1	1443	1283	1317	1348	6.26	cps
Thallium	205-1	3020	3254	2964	3079	4.99	cps
Tin	118-1	3480	3107	3057	3215	7.20	cps
Titanium	47-1	12329	16533	16015	14959	15.33	cps
Uranium	238-1	6892	7059	6855	6935	1.56	cps

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : Q1159-01DL2X4 Instrumnet Name : P8
Client Sample ID : YE8C9 Dilution Factor : 4
Date & Time Acquired : 2025-02-11 14:35:40 DataFile Name : 029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	44529	45415	45412	45119	1.13	cps
Ytterbium	172-1	5855	5368	5715	5646	4.44	cps
Ytterbium	172-2	1980	2000	1997	1992	0.54	cps
Ytterbium	176-1	5418	5618	5274	5437	3.17	cps
Ytterbium	176-2	1563	1523	1567	1551	1.55	cps
Yttrium	89-1	28890959	28890585	27947100	28576214	1.91	cps
Yttrium	89-2	1760044	1580711	1812029	1717594	7.07	cps
Zinc	66-2	19667	19978	18989	19545	2.59	cps
Zirconium	90-1	7909	7052	8273	7745	8.10	cps
Zirconium	91-1	1477	1647	1714	1612	7.57	cps

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : Q1159-02DL2X4 Instrumnet Name : P8
Client Sample ID : YE8C9D Dilution Factor : 4
Date & Time Acquired : 2025-02-11 14:38:57 DataFile Name : 030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	394539	399122	400812	398158	0.82	cps
Antimony	121-1	2364	2347	2337	2349	0.57	cps
Arsenic	75-2	4127	4264	3967	4120	3.61	cps
Barium	135-1	261469	260329	260701	260833	0.22	cps
Barium	137-1	451253	452919	453575	452582	0.26	cps
Beryllium	9-1	1910	1785	1816	1837	3.54	cps
Bismuth	209-1	13976918	13761008	13669871	13802599	1.14	cps
Bismuth	209-2	5035629	4999301	4814980	4949970	2.39	cps
Bromine	81-1	10190	9917	9630	9912	2.83	cps
Cadmium	108-1	73	53	67	64	15.80	cps
Cadmium	106-1	8406	8469	8663	8513	1.57	cps
Cadmium	111-1	6093	6121	6307	6174	1.89	cps
Calcium	43-1	83976	84640	83675	84097	0.59	cps
Calcium	44-1	1424936	1466966	1411174	1434359	2.03	cps
Carbon	12-1	3623350	3648599	3554004	3608651	1.36	cps
Carbon	12-2	23439	23636	23672	23582	0.53	cps
Chlorine	35-1	45358834	48994671	49941608	48098371	5.03	cps
Chlorine	35-2	194606	194228	196559	195131	0.64	cps
Chromium	52-2	48602	48930	48452	48661	0.50	cps
Cobalt	59-2	51048	51429	51322	51266	0.38	cps
Copper	63-2	137602	137942	137946	137830	0.14	cps
Dysprosium	156-1	20025	19641	19918	19862	1.00	cps
Dysprosium	156-2	6622	6622	6625	6623	0.03	cps
Erbium	164-1	19090	18700	18757	18849	1.12	cps
Erbium	164-2	6035	5688	5668	5797	3.56	cps
Gadolinium	160-1	20526	20756	20669	20651	0.56	cps
Gadolinium	160-2	7492	7922	7772	7729	2.83	cps
Holmium	165-1	21964920	21607424	21604339	21725561	0.95	cps
Holmium	165-2	6807637	6715741	6489741	6671040	2.45	cps
Indium	115-1	17547066	17010786	16858082	17138645	2.11	cps
Indium	115-2	1436699	1428601	1380214	1415171	2.16	cps
Iron	54-2	2402154	2371806	2353217	2375726	1.04	cps
Iron	56-2	42985084	42512439	42661534	42719686	0.57	cps
Iron	57-2	1044522	1056428	1060472	1053807	0.79	cps
Krypton	83-1	253	350	290	298	16.39	cps
Lead	206-1	97873	96943	98743	97853	0.92	cps

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : Q1159-02DL2X4 Instrumnet Name : P8
Client Sample ID : YE8C9D Dilution Factor : 4
Date & Time Acquired : 2025-02-11 14:38:57 DataFile Name : 030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	79230	79327	79579	79379	0.23	cps
Lead	208-1	372206	371999	375374	373193	0.51	cps
Lithium	6-1	7998777	7854681	7918074	7923844	0.91	cps
Magnesium	24-2	692091	694592	699443	695375	0.54	cps
Manganese	55-2	175459	176210	175477	175715	0.24	cps
Molybdenum	94-1	3494	3577	3494	3522	1.37	cps
Molybdenum	95-1	1953	1963	1930	1949	0.88	cps
Molybdenum	96-1	4233	2650	2674	3186	28.47	cps
Molybdenum	97-1	1217	1170	1277	1221	4.38	cps
Molybdenum	98-1	2944	3284	2984	3070	6.05	cps
Neodymium	150-1	21137	21077	21210	21141	0.32	cps
Neodymium	150-2	4601	4381	4574	4519	2.66	cps
Nickel	60-2	37175	36684	37971	37277	1.74	cps
Phosphorus	31-2	527	633	627	596	10.03	cps
Potassium	39-2	31264	31494	32050	31603	1.28	cps
Rhodium	103-1	15952254	15704533	15706497	15787762	0.90	cps
Rhodium	103-2	5750914	5692490	5401751	5615052	3.33	cps
Scandium	45-1	11468688	11401294	11414894	11428292	0.31	cps
Scandium	45-2	200489	197519	188192	195400	3.28	cps
Selenium	82-1	153	0	140	98	86.87	cps
Selenium	77-2	37	20	17	24	43.83	cps
Selenium	78-2	33	23	43	33	30.00	cps
Silicon	28-1	33876204	31873827	31496015	32415348	3.95	cps
Silver	107-1	1863	1917	2150	1977	7.71	cps
Silver	109-1	1750	1743	1727	1740	0.69	cps
Sodium	23-2	73926	73611	74254	73930	0.44	cps
Strontium	86-1	76280	77791	77835	77302	1.15	cps
Strontium	88-1	673699	683407	675406	677504	0.76	cps
Sulfur	34-1	745852	744975	739757	743528	0.44	cps
Terbium	159-1	22477586	21752451	21711200	21980412	1.96	cps
Terbium	159-2	6504189	6473149	6241538	6406292	2.24	cps
Thallium	203-1	1113	1147	1240	1167	5.63	cps
Thallium	205-1	2660	2687	2884	2744	4.45	cps
Tin	118-1	3170	2974	2937	3027	4.15	cps
Titanium	47-1	10564	15330	11098	12331	21.17	cps
Uranium	238-1	6455	6945	18343	10581	63.57	cps

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : Q1159-02DL2X4 Instrumnet Name : P8
Client Sample ID : YE8C9D Dilution Factor : 4
Date & Time Acquired : 2025-02-11 14:38:57 DataFile Name : 030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	45238	45332	45820	45463	0.69	cps
Ytterbium	172-1	5445	5495	5528	5489	0.76	cps
Ytterbium	172-2	2077	2180	1950	2069	5.57	cps
Ytterbium	176-1	5338	5431	5274	5348	1.47	cps
Ytterbium	176-2	1537	1490	1477	1501	2.10	cps
Yttrium	89-1	29887880	29202368	29353155	29481134	1.22	cps
Yttrium	89-2	1823742	1816380	1739654	1793258	2.60	cps
Zinc	66-2	19751	19540	19564	19618	0.59	cps
Zirconium	90-1	17892	6815	7260	10656	58.85	cps
Zirconium	91-1	1707	1507	1393	1536	10.33	cps

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : Q1159-01LDL2X20 Instrumnet Name : P8
Client Sample ID : YE8C9L Dilution Factor : 20
Date & Time Acquired : 2025-02-11 14:42:16 DataFile Name : 031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	79372	79797	79312	79494	0.33	cps
Antimony	121-1	560	530	570	553	3.76	cps
Arsenic	75-2	870	900	910	893	2.33	cps
Barium	135-1	51307	52612	51932	51950	1.26	cps
Barium	137-1	91732	89977	89151	90287	1.46	cps
Beryllium	9-1	669	696	627	664	5.21	cps
Bismuth	209-1	13593550	13690941	13583113	13622535	0.44	cps
Bismuth	209-2	5115381	5093541	5117037	5108653	0.26	cps
Bromine	81-1	6665	7095	6472	6744	4.73	cps
Cadmium	108-1	30	33	37	33	10.01	cps
Cadmium	106-1	8309	8042	8219	8190	1.66	cps
Cadmium	111-1	5855	5673	5764	5764	1.58	cps
Calcium	43-1	17381	17327	17568	17425	0.72	cps
Calcium	44-1	299052	301504	300249	300268	0.41	cps
Carbon	12-1	3287613	3269004	3232258	3262959	0.86	cps
Carbon	12-2	20928	20721	21332	20994	1.48	cps
Chlorine	35-1	11481970	12038564	12089150	11869895	2.84	cps
Chlorine	35-2	46060	44920	45063	45348	1.37	cps
Chromium	52-2	10421	10544	10624	10530	0.97	cps
Cobalt	59-2	10167	10004	10327	10166	1.59	cps
Copper	63-2	29758	29397	30019	29725	1.05	cps
Dysprosium	156-1	3944	4084	3884	3971	2.59	cps
Dysprosium	156-2	1390	1250	1307	1316	5.35	cps
Erbium	164-1	3687	3834	3671	3731	2.41	cps
Erbium	164-2	1130	1053	1197	1127	6.37	cps
Gadolinium	160-1	4197	4291	4344	4277	1.74	cps
Gadolinium	160-2	1690	1693	1640	1675	1.78	cps
Holmium	165-1	21417206	21035082	21238486	21230258	0.90	cps
Holmium	165-2	6768829	6681310	6783680	6744606	0.82	cps
Indium	115-1	17108891	16553209	17235246	16965782	2.14	cps
Indium	115-2	1434679	1433619	1432150	1433483	0.09	cps
Iron	54-2	467067	461735	467522	465441	0.69	cps
Iron	56-2	8680549	8612885	8612136	8635190	0.45	cps
Iron	57-2	212648	213565	210980	212398	0.62	cps
Krypton	83-1	367	290	287	314	14.39	cps
Lead	206-1	20864	21414	21040	21106	1.33	cps

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : Q1159-01LDL2X20 Instrumnet Name : P8
Client Sample ID : YE8C9L Dilution Factor : 20
Date & Time Acquired : 2025-02-11 14:42:16 DataFile Name : 031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	17285	17222	17238	17248	0.19	cps
Lead	208-1	81257	81660	81674	81531	0.29	cps
Lithium	6-1	7911939	7881317	7897384	7896880	0.19	cps
Magnesium	24-2	142192	141970	141337	141833	0.31	cps
Manganese	55-2	34993	35514	35491	35333	0.83	cps
Molybdenum	94-1	1230	987	907	1041	16.18	cps
Molybdenum	95-1	560	530	540	543	2.81	cps
Molybdenum	96-1	753	770	750	758	1.41	cps
Molybdenum	97-1	283	297	323	301	6.76	cps
Molybdenum	98-1	780	840	763	794	5.08	cps
Neodymium	150-1	4254	4431	4301	4329	2.12	cps
Neodymium	150-2	990	930	970	963	3.17	cps
Nickel	60-2	8346	8119	8189	8218	1.41	cps
Phosphorus	31-2	223	160	167	183	18.98	cps
Potassium	39-2	14504	14751	14694	14650	0.88	cps
Rhodium	103-1	15639084	15929314	15735520	15767973	0.94	cps
Rhodium	103-2	5670506	5713143	5587403	5657017	1.13	cps
Scandium	45-1	11233172	11072895	11252287	11186118	0.88	cps
Scandium	45-2	196443	200153	196953	197850	1.02	cps
Selenium	82-1	-63	17	-23	-23	-171.40	cps
Selenium	77-2	7	7	0	4	86.60	cps
Selenium	78-2	13	3	7	8	65.47	cps
Silicon	28-1	6725510	6715857	6789004	6743457	0.59	cps
Silver	107-1	617	577	503	566	10.16	cps
Silver	109-1	370	380	427	392	7.71	cps
Sodium	23-2	64371	64177	63635	64061	0.60	cps
Strontium	86-1	15892	15796	16186	15958	1.27	cps
Strontium	88-1	138943	138058	136022	137674	1.09	cps
Sulfur	34-1	746827	741995	739402	742741	0.51	cps
Terbium	159-1	21443601	21492268	21838417	21591429	1.00	cps
Terbium	159-2	6421779	6436396	6451816	6436663	0.23	cps
Thallium	203-1	640	533	557	577	9.72	cps
Thallium	205-1	1467	1347	1470	1428	4.92	cps
Tin	118-1	2387	2537	2520	2481	3.31	cps
Titanium	47-1	2467	4286	2717	3157	31.24	cps
Uranium	238-1	1437	1333	1443	1405	4.39	cps

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : Q1159-01LDL2X20 Instrumnet Name : P8
Client Sample ID : YE8C9L Dilution Factor : 20
Date & Time Acquired : 2025-02-11 14:42:16 DataFile Name : 031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	9043	9043	8719	8935	2.09	cps
Ytterbium	172-1	1327	1270	1187	1261	5.58	cps
Ytterbium	172-2	483	453	430	456	5.87	cps
Ytterbium	176-1	2827	2594	2620	2680	4.77	cps
Ytterbium	176-2	550	647	547	581	9.77	cps
Yttrium	89-1	28941980	29236530	28515229	28897913	1.25	cps
Yttrium	89-2	1836518	1805555	1814570	1818881	0.88	cps
Zinc	66-2	4134	4307	4351	4264	2.69	cps
Zirconium	90-1	2017	2187	2397	2200	8.66	cps
Zirconium	91-1	500	400	527	476	14.04	cps

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : Q1159-03DL2X4 Instrumnet Name : P8
Client Sample ID : YE8C9S Dilution Factor : 4
Date & Time Acquired : 2025-02-11 14:45:35 DataFile Name : 032AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	399248	399250	396295	398264	0.43	cps
Antimony	121-1	92121	93198	93175	92831	0.66	cps
Arsenic	75-2	5088	4928	5171	5062	2.44	cps
Barium	135-1	659197	676656	676357	670737	1.49	cps
Barium	137-1	1174499	1174928	1157640	1169022	0.84	cps
Beryllium	9-1	16233	16352	16084	16223	0.83	cps
Bismuth	209-1	13477260	13373927	13372090	13407759	0.45	cps
Bismuth	209-2	5096951	5003598	5068133	5056227	0.95	cps
Bromine	81-1	6555	6855	7045	6818	3.62	cps
Cadmium	108-1	903	987	893	928	5.52	cps
Cadmium	106-1	9507	9423	9403	9444	0.58	cps
Cadmium	111-1	17424	17270	16768	17154	2.00	cps
Calcium	43-1	95642	97037	96659	96446	0.75	cps
Calcium	44-1	1535606	1590562	1540406	1555525	1.96	cps
Carbon	12-1	3540591	3481082	3491315	3504329	0.91	cps
Carbon	12-2	23112	23051	22975	23046	0.30	cps
Chlorine	35-1	44460349	49241239	50759261	48153617	6.83	cps
Chlorine	35-2	196621	198561	198729	197970	0.59	cps
Chromium	52-2	83026	83888	83120	83344	0.57	cps
Cobalt	59-2	217191	217202	217936	217443	0.20	cps
Copper	63-2	200739	200907	200566	200737	0.08	cps
Dysprosium	156-1	19247	19130	19688	19355	1.52	cps
Dysprosium	156-2	6578	6588	6482	6549	0.90	cps
Erbium	164-1	18590	18894	18506	18663	1.09	cps
Erbium	164-2	5525	5454	5765	5581	2.91	cps
Gadolinium	160-1	20139	20252	21170	20520	2.76	cps
Gadolinium	160-2	7956	7846	7609	7803	2.27	cps
Holmium	165-1	21701512	20860310	21360731	21307518	1.99	cps
Holmium	165-2	6756859	6825851	6768275	6783661	0.55	cps
Indium	115-1	16735828	17117051	16559487	16804122	1.70	cps
Indium	115-2	1429242	1413529	1430059	1424277	0.65	cps
Iron	54-2	2381679	2362409	2347861	2363983	0.72	cps
Iron	56-2	42338631	43151463	42247184	42579092	1.17	cps
Iron	57-2	1040689	1043374	1039757	1041273	0.18	cps
Krypton	83-1	347	330	297	324	7.85	cps
Lead	206-1	110022	110960	109188	110057	0.81	cps

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : Q1159-03DL2X4 Instrumnet Name : P8
Client Sample ID : YE8C9S Dilution Factor : 4
Date & Time Acquired : 2025-02-11 14:45:35 DataFile Name : 032AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	89644	89000	89278	89307	0.36	cps
Lead	208-1	420428	421848	420576	420951	0.19	cps
Lithium	6-1	7922571	8074597	7956145	7984438	1.00	cps
Magnesium	24-2	688272	692805	689107	690061	0.35	cps
Manganese	55-2	206758	209365	206042	207388	0.84	cps
Molybdenum	94-1	135428	135132	137084	135881	0.77	cps
Molybdenum	95-1	232443	232211	236468	233707	1.02	cps
Molybdenum	96-1	250356	254301	250412	251690	0.90	cps
Molybdenum	97-1	146739	145739	146571	146350	0.37	cps
Molybdenum	98-1	376165	377509	379402	377692	0.43	cps
Neodymium	150-1	20796	20703	20890	20796	0.45	cps
Neodymium	150-2	4711	4361	4611	4561	3.95	cps
Nickel	60-2	83915	83784	84529	84076	0.47	cps
Phosphorus	31-2	583	590	530	568	5.79	cps
Potassium	39-2	31194	31321	31070	31195	0.40	cps
Rhodium	103-1	15686615	15630359	15672034	15663003	0.19	cps
Rhodium	103-2	5594299	5609929	5605256	5603161	0.14	cps
Scandium	45-1	11281676	11276946	11266322	11274981	0.07	cps
Scandium	45-2	200150	197529	197000	198227	0.85	cps
Selenium	82-1	227	293	250	257	13.18	cps
Selenium	77-2	33	33	30	32	5.97	cps
Selenium	78-2	63	20	40	41	52.75	cps
Silicon	28-1	31644432	31431149	31150558	31408713	0.79	cps
Silver	107-1	54423	54939	55588	54983	1.06	cps
Silver	109-1	51429	52232	52643	52101	1.19	cps
Sodium	23-2	72385	72522	72060	72322	0.33	cps
Strontium	86-1	2974241	2975719	2979157	2976373	0.08	cps
Strontium	88-1	25694321	25378242	25536191	25536252	0.62	cps
Sulfur	34-1	743850	737159	729548	736852	0.97	cps
Terbium	159-1	21567101	21622441	21530871	21573471	0.21	cps
Terbium	159-2	6449663	6378566	6517109	6448446	1.07	cps
Thallium	203-1	44031	44138	43523	43897	0.75	cps
Thallium	205-1	106039	106265	106462	106255	0.20	cps
Tin	118-1	3044	3007	2864	2971	3.20	cps
Titanium	47-1	13076	11844	11086	12002	8.37	cps
Uranium	238-1	6745	6635	6762	6714	1.03	cps

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : Q1159-03DL2X4 Instrumnet Name : P8
Client Sample ID : YE8C9S Dilution Factor : 4
Date & Time Acquired : 2025-02-11 14:45:35 DataFile Name : 032AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	110324	110925	111483	110911	0.52	cps
Ytterbium	172-1	5224	5354	5471	5350	2.31	cps
Ytterbium	172-2	2077	1927	2067	2024	4.15	cps
Ytterbium	176-1	5351	5224	5411	5329	1.79	cps
Ytterbium	176-2	1523	1577	1647	1582	3.91	cps
Yttrium	89-1	29683754	29052123	29216939	29317605	1.12	cps
Yttrium	89-2	1874750	1807609	1803031	1828463	2.20	cps
Zinc	66-2	33105	33075	32962	33047	0.23	cps
Zirconium	90-1	9641	7263	6405	7769	21.58	cps
Zirconium	91-1	2452	1657	1543	1884	26.28	cps

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : CCV022 Instrumnet Name : P8
Client Sample ID : CCV022 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 14:50:23 DataFile Name : 033CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3166656	3219302	3114011	3166656	1.66	cps
Antimony	121-1	8221670	8147852	8174881	8181468	0.46	cps
Arsenic	75-2	145397	144569	145717	145228	0.41	cps
Barium	135-1	9937428	9940063	9997160	9958217	0.34	cps
Barium	137-1	17203885	17037235	17326678	17189266	0.85	cps
Beryllium	9-1	2654376	2638062	2629882	2640773	0.47	cps
Bismuth	209-1	11681266	11866256	11665631	11737718	0.95	cps
Bismuth	209-2	4363116	4439537	4297792	4366815	1.62	cps
Bromine	81-1	4537	4661	4708	4635	1.90	cps
Cadmium	108-1	159518	159413	159338	159423	0.06	cps
Cadmium	106-1	229326	230084	231381	230264	0.45	cps
Cadmium	111-1	1998080	1980420	1949594	1976031	1.24	cps
Calcium	43-1	13159966	13127658	13087303	13124976	0.28	cps
Calcium	44-1	213926557	212261650	213758237	213315481	0.43	cps
Carbon	12-1	4181315	4287135	4447376	4305276	3.11	cps
Carbon	12-2	35727	36181	35927	35945	0.63	cps
Chlorine	35-1	2206331	2077000	2001406	2094912	4.95	cps
Chlorine	35-2	6278	6281	6098	6219	1.69	cps
Chromium	52-2	1653403	1686750	1646399	1662184	1.30	cps
Cobalt	59-2	3036918	3110755	3045672	3064448	1.32	cps
Copper	63-2	22715015	22991670	23074881	22927189	0.82	cps
Dysprosium	156-1	483	447	587	506	14.36	cps
Dysprosium	156-2	73	103	113	97	21.54	cps
Erbium	164-1	437	477	523	479	9.06	cps
Erbium	164-2	163	140	113	139	18.01	cps
Gadolinium	160-1	373	367	467	402	13.90	cps
Gadolinium	160-2	103	97	133	111	17.58	cps
Holmium	165-1	20402021	20415796	19953943	20257253	1.30	cps
Holmium	165-2	6456381	6399193	6303048	6386208	1.21	cps
Indium	115-1	15336206	14961998	14961161	15086455	1.43	cps
Indium	115-2	1272665	1272647	1264877	1270063	0.35	cps
Iron	54-2	16711327	16511395	16316438	16513053	1.20	cps
Iron	56-2	300885262	298991562	301480322	300452382	0.43	cps
Iron	57-2	7455539	7512635	7623014	7530396	1.13	cps
Krypton	83-1	390	310	330	343	12.13	cps
Lead	206-1	32241649	32935878	32613916	32597148	1.07	cps

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : CCV022 Instrumnet Name : P8
Client Sample ID : CCV022 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 14:50:23 DataFile Name : 033CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	27558165	28544111	28066145	28056141	1.76	cps
Lead	208-1	127315260	130303960	130067121	129228780	1.29	cps
Lithium	6-1	7198645	7053892	6949829	7067455	1.77	cps
Magnesium	24-2	57109904	57753171	56791991	57218355	0.86	cps
Manganese	55-2	6525140	6456763	6498567	6493490	0.53	cps
Molybdenum	94-1	28787649	28763611	28791932	28781064	0.05	cps
Molybdenum	95-1	41298139	42046620	42165827	41836862	1.12	cps
Molybdenum	96-1	46244529	45528104	45893288	45888640	0.78	cps
Molybdenum	97-1	26031702	25624298	26106169	25920723	1.00	cps
Molybdenum	98-1	67525102	67129362	67958714	67537726	0.61	cps
Neodymium	150-1	767	727	793	762	4.40	cps
Neodymium	150-2	57	77	50	61	22.71	cps
Nickel	60-2	795131	798610	800029	797923	0.32	cps
Phosphorus	31-2	29627	29614	28895	29379	1.42	cps
Potassium	39-2	15470017	15285944	15112951	15289637	1.17	cps
Rhodium	103-1	13755072	13393762	13307405	13485413	1.76	cps
Rhodium	103-2	4992220	4898282	4830914	4907139	1.65	cps
Scandium	45-1	10743417	10510735	10438920	10564357	1.51	cps
Scandium	45-2	188139	186078	184643	186286	0.94	cps
Selenium	82-1	119786	117190	119178	118718	1.14	cps
Selenium	77-2	1777	1817	1827	1807	1.46	cps
Selenium	78-2	6185	6241	5831	6086	3.65	cps
Silicon	28-1	6932328	6887328	6952648	6924101	0.48	cps
Silver	107-1	9740600	9861581	9825098	9809093	0.63	cps
Silver	109-1	9345849	9303077	9392373	9347100	0.48	cps
Sodium	23-2	113351995	113559018	114219115	113710043	0.40	cps
Strontium	86-1	2699948	2680982	2684403	2688445	0.38	cps
Strontium	88-1	23195249	23215707	23366180	23259045	0.40	cps
Sulfur	34-1	1461045	1420926	1417068	1433013	1.70	cps
Terbium	159-1	20524883	20552897	20215143	20430974	0.92	cps
Terbium	159-2	6089691	6109674	6000073	6066479	0.96	cps
Thallium	203-1	7965201	8030308	8043287	8012932	0.52	cps
Thallium	205-1	18796496	19019243	19088752	18968163	0.80	cps
Tin	118-1	6496653	6479065	6621326	6532348	1.19	cps
Titanium	47-1	12430604	12281259	12330399	12347421	0.62	cps
Uranium	238-1	25741353	26063259	26611831	26138814	1.68	cps

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : CCV022 Instrumnet Name : P8
Client Sample ID : CCV022 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 14:50:23 DataFile Name : 033CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1259175	1254168	1250385	1254576	0.35	cps
Ytterbium	172-1	497	567	473	512	9.48	cps
Ytterbium	172-2	143	200	200	181	18.06	cps
Ytterbium	176-1	41552	40696	41284	41177	1.06	cps
Ytterbium	176-2	12483	12583	12389	12485	0.78	cps
Yttrium	89-1	26981940	26683772	26824623	26830112	0.56	cps
Yttrium	89-2	1735726	1712686	1680361	1709591	1.63	cps
Zinc	66-2	2484632	2468297	2485788	2479572	0.39	cps
Zirconium	90-1	14458267	14582043	14669493	14569934	0.73	cps
Zirconium	91-1	3226371	3328566	3327612	3294183	1.78	cps

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : CCB022 Instrumnet Name : P8
Client Sample ID : CCB022 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 14:53:49 DataFile Name : 034CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	133	143	153	143	6.98	cps
Antimony	121-1	1943	1767	1633	1781	8.73	cps
Arsenic	75-2	7	7	13	9	43.25	cps
Barium	135-1	513	437	380	443	15.09	cps
Barium	137-1	987	750	740	826	16.91	cps
Beryllium	9-1	969	892	879	913	5.31	cps
Bismuth	209-1	13465650	13521157	13574240	13520349	0.40	cps
Bismuth	209-2	4917479	5017297	4941901	4958892	1.05	cps
Bromine	81-1	4254	4204	4354	4271	1.79	cps
Cadmium	108-1	43	30	60	44	33.82	cps
Cadmium	106-1	7542	8176	7649	7789	4.36	cps
Cadmium	111-1	5339	5832	5449	5540	4.67	cps
Calcium	43-1	690	680	630	667	4.82	cps
Calcium	44-1	32173	29754	29347	30425	5.02	cps
Carbon	12-1	3727055	3700262	3695860	3707726	0.46	cps
Carbon	12-2	23923	23452	23896	23757	1.11	cps
Chlorine	35-1	1188619	1153433	1080475	1140842	4.84	cps
Chlorine	35-2	3697	3807	3524	3676	3.89	cps
Chromium	52-2	700	873	820	798	11.13	cps
Cobalt	59-2	160	163	213	179	16.70	cps
Copper	63-2	3194	3360	3350	3302	2.83	cps
Dysprosium	156-1	30	57	37	41	33.76	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	90	100	103	98	7.10	cps
Erbium	164-2	30	20	23	24	20.83	cps
Gadolinium	160-1	103	137	83	108	25.00	cps
Gadolinium	160-2	27	17	23	22	22.91	cps
Holmium	165-1	20753346	20800179	21049186	20867570	0.76	cps
Holmium	165-2	6634503	6665388	6623623	6641171	0.33	cps
Indium	115-1	16616756	16574874	16616445	16602692	0.15	cps
Indium	115-2	1420781	1423616	1401077	1415158	0.87	cps
Iron	54-2	733	733	710	726	1.86	cps
Iron	56-2	11481	11765	10931	11392	3.72	cps
Iron	57-2	260	287	297	281	6.74	cps
Krypton	83-1	240	267	240	249	6.19	cps
Lead	206-1	4087	3817	3957	3954	3.42	cps

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : CCB022 Instrumnet Name : P8
Client Sample ID : CCB022 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 14:53:49 DataFile Name : 034CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	3507	3214	3220	3314	5.06	cps
Lead	208-1	16334	15170	14587	15364	5.79	cps
Lithium	6-1	7785162	7739798	7829087	7784682	0.57	cps
Magnesium	24-2	2530	2387	2567	2495	3.81	cps
Manganese	55-2	300	303	330	311	5.29	cps
Molybdenum	94-1	1437	1037	1057	1177	19.16	cps
Molybdenum	95-1	1643	1110	1237	1330	20.95	cps
Molybdenum	96-1	1850	1487	1217	1518	20.94	cps
Molybdenum	97-1	953	790	643	796	19.49	cps
Molybdenum	98-1	2707	2064	1657	2142	24.72	cps
Neodymium	150-1	17	20	20	19	10.18	cps
Neodymium	150-2	0	3	7	3	100.05	cps
Nickel	60-2	1260	1307	1447	1338	7.26	cps
Phosphorus	31-2	80	77	90	82	8.44	cps
Potassium	39-2	11134	11365	10931	11143	1.95	cps
Rhodium	103-1	15716142	15441275	15807817	15655078	1.22	cps
Rhodium	103-2	5591971	5701259	5524253	5605828	1.59	cps
Scandium	45-1	11047170	10958330	10971621	10992374	0.44	cps
Scandium	45-2	194278	195551	193100	194309	0.63	cps
Selenium	82-1	30	-17	77	30	155.53	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	0	10	23	11	105.35	cps
Silicon	28-1	546624	539718	540953	542432	0.68	cps
Silver	107-1	1023	937	753	904	15.24	cps
Silver	109-1	987	873	670	843	19.03	cps
Sodium	23-2	69310	69746	68335	69130	1.04	cps
Strontium	86-1	650	627	623	633	2.29	cps
Strontium	88-1	1967	1793	1817	1859	5.06	cps
Sulfur	34-1	728143	723170	724050	725121	0.37	cps
Terbium	159-1	21242294	21554426	21619358	21472026	0.94	cps
Terbium	159-2	6363219	6345993	6358420	6355877	0.14	cps
Thallium	203-1	1050	953	960	988	5.47	cps
Thallium	205-1	2427	2264	2064	2251	8.08	cps
Tin	118-1	3387	3470	3524	3460	1.99	cps
Titanium	47-1	883	837	800	840	4.97	cps
Uranium	238-1	827	517	430	591	35.28	cps

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : CCB022 Instrumnet Name : P8
Client Sample ID : CCB022 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 14:53:49 DataFile Name : 034CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	13	30	20	21	39.75	cps
Ytterbium	172-1	93	83	123	100	20.82	cps
Ytterbium	172-2	60	37	47	48	24.50	cps
Ytterbium	176-1	1910	1954	1923	1929	1.15	cps
Ytterbium	176-2	280	237	297	271	11.42	cps
Yttrium	89-1	28370380	28226698	28540556	28379211	0.55	cps
Yttrium	89-2	1811326	1814681	1779172	1801726	1.09	cps
Zinc	66-2	330	273	287	297	9.99	cps
Zirconium	90-1	1393	1420	1223	1346	7.93	cps
Zirconium	91-1	300	343	197	280	26.91	cps

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : Q1204-01A Instrumnet Name : P8
Client Sample ID : ME2975A Dilution Factor : 1
Date & Time Acquired : 2025-02-11 15:21:55 DataFile Name : 035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	817	817	930	854	7.66	cps
Antimony	121-1	1787	1593	1593	1658	6.73	cps
Arsenic	75-2	673	667	830	723	12.78	cps
Barium	135-1	457768	457730	456037	457178	0.22	cps
Barium	137-1	798468	795745	805519	799911	0.63	cps
Beryllium	9-1	317	376	356	350	8.54	cps
Bismuth	209-1	13306909	13135659	13296355	13246308	0.72	cps
Bismuth	209-2	4942374	4896388	4843147	4893970	1.01	cps
Bromine	81-1	42882	43972	45316	44057	2.77	cps
Cadmium	108-1	77	70	83	77	8.69	cps
Cadmium	106-1	8109	8323	8106	8179	1.52	cps
Cadmium	111-1	5723	5863	5712	5766	1.46	cps
Calcium	43-1	9881289	9871050	9808891	9853744	0.40	cps
Calcium	44-1	157451244	155983401	153692734	155709127	1.22	cps
Carbon	12-1	7527215	8197013	8595340	8106523	6.66	cps
Carbon	12-2	60320	61468	60909	60899	0.94	cps
Chlorine	35-1	1366589	1478225	1524353	1456389	5.57	cps
Chlorine	35-2	5921	5881	5755	5852	1.49	cps
Chromium	52-2	2797	2964	2924	2895	3.01	cps
Cobalt	59-2	1650	1697	1790	1712	4.16	cps
Copper	63-2	4337	4251	4244	4277	1.22	cps
Dysprosium	156-1	93	103	153	117	27.56	cps
Dysprosium	156-2	20	10	17	16	32.73	cps
Erbium	164-1	253	227	177	219	17.78	cps
Erbium	164-2	60	53	63	59	8.65	cps
Gadolinium	160-1	177	150	150	159	9.69	cps
Gadolinium	160-2	27	73	50	50	46.66	cps
Holmium	165-1	21719200	21408482	21456804	21528162	0.78	cps
Holmium	165-2	6664242	6763306	6707540	6711696	0.74	cps
Indium	115-1	16639481	16594905	16729735	16654707	0.41	cps
Indium	115-2	1407454	1408010	1409441	1408302	0.07	cps
Iron	54-2	94973	94815	96772	95520	1.14	cps
Iron	56-2	1767197	1773110	1804031	1781446	1.11	cps
Iron	57-2	43914	43245	43891	43683	0.87	cps
Krypton	83-1	353	310	293	319	9.71	cps
Lead	206-1	5158	4354	3941	4484	13.80	cps

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : Q1204-01A Instrumnet Name : P8
Client Sample ID : ME2975A Dilution Factor : 1
Date & Time Acquired : 2025-02-11 15:21:55 DataFile Name : 035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	4194	3914	3347	3818	11.30	cps
Lead	208-1	19960	17682	15697	17779	12.00	cps
Lithium	6-1	7670248	7784557	7800781	7751862	0.92	cps
Magnesium	24-2	10619203	10682683	10490064	10597316	0.93	cps
Manganese	55-2	69421	70048	69515	69661	0.49	cps
Molybdenum	94-1	31375	31479	31993	31616	1.05	cps
Molybdenum	95-1	52726	52562	52522	52604	0.21	cps
Molybdenum	96-1	55848	56708	56407	56321	0.77	cps
Molybdenum	97-1	32184	32435	33166	32595	1.57	cps
Molybdenum	98-1	85243	84914	85397	85185	0.29	cps
Neodymium	150-1	107	137	80	108	26.30	cps
Neodymium	150-2	13	30	13	19	50.96	cps
Nickel	60-2	4601	4551	4677	4610	1.38	cps
Phosphorus	31-2	283	237	263	261	8.97	cps
Potassium	39-2	575205	574139	574716	574687	0.09	cps
Rhodium	103-1	15262201	14976959	14871729	15036963	1.34	cps
Rhodium	103-2	5449971	5385421	5454609	5430000	0.71	cps
Scandium	45-1	11342039	11148725	11156978	11215914	0.97	cps
Scandium	45-2	199282	196757	198383	198140	0.65	cps
Selenium	82-1	2980	3134	3090	3068	2.58	cps
Selenium	77-2	37	73	43	51	38.21	cps
Selenium	78-2	203	157	180	180	12.96	cps
Silicon	28-1	102317822	102610462	102598875	102509053	0.16	cps
Silver	107-1	333	367	313	338	7.98	cps
Silver	109-1	90	77	97	88	11.60	cps
Sodium	23-2	6027761	6124251	6016584	6056199	0.98	cps
Strontium	86-1	97354285	96900235	96120352	96791624	0.64	cps
Strontium	88-1	834296628	848060414	834485108	838947383	0.94	cps
Sulfur	34-1	10835157	10724461	10818578	10792732	0.55	cps
Terbium	159-1	21832941	21816186	21795207	21814778	0.09	cps
Terbium	159-2	6468003	6422618	6465575	6452065	0.40	cps
Thallium	203-1	747	680	607	678	10.33	cps
Thallium	205-1	1880	1613	1373	1622	15.62	cps
Tin	118-1	3354	3187	3117	3219	3.78	cps
Titanium	47-1	2324	2490	2440	2418	3.54	cps
Uranium	238-1	91595	91823	89948	91122	1.12	cps

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : Q1204-01A Instrumnet Name : P8
Client Sample ID : ME2975A Dilution Factor : 1
Date & Time Acquired : 2025-02-11 15:21:55 DataFile Name : 035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	2194	2217	2214	2208	0.57	cps
Ytterbium	172-1	170	163	200	178	10.98	cps
Ytterbium	172-2	77	43	80	67	30.42	cps
Ytterbium	176-1	1910	1974	2197	2027	7.43	cps
Ytterbium	176-2	340	330	337	336	1.52	cps
Yttrium	89-1	28757690	28658760	29073078	28829843	0.75	cps
Yttrium	89-2	1811223	1803764	1808603	1807863	0.21	cps
Zinc	66-2	543	543	617	568	7.46	cps
Zirconium	90-1	4587	4694	4764	4682	1.90	cps
Zirconium	91-1	1023	1000	997	1007	1.44	cps

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : Q1245-09A Instrumnet Name : P8
Client Sample ID : A6335A Dilution Factor : 1
Date & Time Acquired : 2025-02-11 15:25:11 DataFile Name : 036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	89752	88738	89352	89281	0.57	cps
Antimony	121-1	1390	1407	1473	1423	3.10	cps
Arsenic	75-2	640	747	767	718	9.49	cps
Barium	135-1	91100	90151	88174	89808	1.66	cps
Barium	137-1	157026	157616	157394	157345	0.19	cps
Beryllium	9-1	749	756	755	753	0.53	cps
Bismuth	209-1	13067800	13246790	12932727	13082439	1.20	cps
Bismuth	209-2	5003716	4821859	4875316	4900297	1.91	cps
Bromine	81-1	27170	31465	33660	30765	10.73	cps
Cadmium	108-1	63	67	33	54	33.72	cps
Cadmium	106-1	8193	8126	8032	8117	0.99	cps
Cadmium	111-1	5977	5831	5939	5916	1.28	cps
Calcium	43-1	589386	597605	593480	593491	0.69	cps
Calcium	44-1	9560082	9793574	9601815	9651824	1.29	cps
Carbon	12-1	9502860	10330512	10787746	10207039	6.38	cps
Carbon	12-2	75496	75821	76936	76084	0.99	cps
Chlorine	35-1	3503565	3838863	4007124	3783184	6.78	cps
Chlorine	35-2	15558	15402	15899	15620	1.63	cps
Chromium	52-2	10644	10330	10424	10466	1.54	cps
Cobalt	59-2	5321	5351	5344	5339	0.30	cps
Copper	63-2	12082	12279	12175	12179	0.81	cps
Dysprosium	156-1	2460	2497	2597	2518	2.81	cps
Dysprosium	156-2	727	687	607	673	9.07	cps
Erbium	164-1	2184	1977	2027	2062	5.23	cps
Erbium	164-2	557	647	607	603	7.47	cps
Gadolinium	160-1	2290	2194	2164	2216	2.99	cps
Gadolinium	160-2	777	803	790	790	1.69	cps
Holmium	165-1	21213489	21080776	21133781	21142682	0.32	cps
Holmium	165-2	6767480	6614351	6578848	6653560	1.51	cps
Indium	115-1	16336367	16335653	16386195	16352738	0.18	cps
Indium	115-2	1409299	1388115	1382682	1393365	1.01	cps
Iron	54-2	298495	295921	296496	296971	0.45	cps
Iron	56-2	5583929	5587928	5553865	5575240	0.33	cps
Iron	57-2	136071	136708	134746	135842	0.74	cps
Krypton	83-1	323	283	300	302	6.65	cps
Lead	206-1	71858	71164	71271	71431	0.52	cps

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : Q1245-09A Instrumnet Name : P8
Client Sample ID : A6335A Dilution Factor : 1
Date & Time Acquired : 2025-02-11 15:25:11 DataFile Name : 036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	58799	58963	59191	58985	0.33	cps
Lead	208-1	276927	276532	275833	276431	0.20	cps
Lithium	6-1	7661985	7587532	7754165	7667894	1.09	cps
Magnesium	24-2	611128	607763	609489	609460	0.28	cps
Manganese	55-2	541597	544008	538669	541425	0.49	cps
Molybdenum	94-1	2160	2090	1967	2072	4.72	cps
Molybdenum	95-1	1717	1700	1793	1737	2.87	cps
Molybdenum	96-1	2127	2097	2074	2099	1.27	cps
Molybdenum	97-1	1143	1120	1123	1129	1.12	cps
Molybdenum	98-1	2690	2654	2730	2691	1.42	cps
Neodymium	150-1	3891	4034	3917	3947	1.93	cps
Neodymium	150-2	830	833	863	842	2.18	cps
Nickel	60-2	4724	4941	4854	4840	2.25	cps
Phosphorus	31-2	447	537	460	481	10.10	cps
Potassium	39-2	305285	306072	305887	305748	0.13	cps
Rhodium	103-1	15313522	15302347	14936466	15184112	1.41	cps
Rhodium	103-2	5520630	5503215	5445665	5489836	0.71	cps
Scandium	45-1	10899006	11116979	10877013	10964332	1.21	cps
Scandium	45-2	193330	191528	191178	192012	0.60	cps
Selenium	82-1	3267	3214	3110	3197	2.49	cps
Selenium	77-2	57	50	67	58	14.52	cps
Selenium	78-2	133	160	193	162	18.53	cps
Silicon	28-1	56462397	55056334	55724034	55747589	1.26	cps
Silver	107-1	400	387	423	403	4.60	cps
Silver	109-1	287	227	257	257	11.69	cps
Sodium	23-2	13052636	13101231	12982628	13045498	0.46	cps
Strontium	86-1	310522	313825	310482	311610	0.62	cps
Strontium	88-1	2838617	2816756	2809664	2821679	0.53	cps
Sulfur	34-1	1028017	1033103	1015895	1025672	0.86	cps
Terbium	159-1	21311342	21585051	21248785	21381726	0.84	cps
Terbium	159-2	6460156	6336412	6335609	6377392	1.12	cps
Thallium	203-1	870	973	863	902	6.84	cps
Thallium	205-1	2344	2274	2254	2290	2.06	cps
Tin	118-1	5815	6135	5765	5905	3.40	cps
Titanium	47-1	125719	128721	128173	127538	1.25	cps
Uranium	238-1	8013	8023	7923	7986	0.69	cps

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : Q1245-09A Instrumnet Name : P8
Client Sample ID : A6335A Dilution Factor : 1
Date & Time Acquired : 2025-02-11 15:25:11 DataFile Name : 036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	6515	7055	6768	6779	3.99	cps
Ytterbium	172-1	693	660	717	690	4.13	cps
Ytterbium	172-2	263	270	270	268	1.44	cps
Ytterbium	176-1	2360	2427	2530	2439	3.51	cps
Ytterbium	176-2	393	447	423	421	6.35	cps
Yttrium	89-1	27858730	27725214	28056620	27880188	0.60	cps
Yttrium	89-2	1790053	1777826	1731553	1766477	1.75	cps
Zinc	66-2	6995	6942	6732	6890	2.02	cps
Zirconium	90-1	2830	3187	3204	3074	6.86	cps
Zirconium	91-1	657	700	663	673	3.47	cps

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : PB166636BL Instrumnet Name : P8
Client Sample ID : PBW636 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 15:28:29 DataFile Name : 037CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	80	83	87	83	4.00	cps
Antimony	121-1	70	103	137	103	32.26	cps
Arsenic	75-2	3	3	3	3	0.00	cps
Barium	135-1	223	220	210	218	3.19	cps
Barium	137-1	393	377	413	394	4.65	cps
Beryllium	9-1	356	372	387	372	4.20	cps
Bismuth	209-1	13656953	13456191	13570136	13561093	0.74	cps
Bismuth	209-2	4984044	5029301	5059972	5024439	0.76	cps
Bromine	81-1	8526	7926	7125	7859	8.94	cps
Cadmium	108-1	30	67	37	44	43.95	cps
Cadmium	106-1	8209	8206	8076	8164	0.93	cps
Cadmium	111-1	5772	5724	5651	5716	1.07	cps
Calcium	43-1	470	513	473	486	4.97	cps
Calcium	44-1	26731	26120	26328	26393	1.18	cps
Carbon	12-1	4305281	4175526	4074868	4185225	2.76	cps
Carbon	12-2	26243	25679	25836	25920	1.12	cps
Chlorine	35-1	621476	576851	537907	578745	7.23	cps
Chlorine	35-2	1760	1747	1793	1767	1.36	cps
Chromium	52-2	710	727	797	744	6.18	cps
Cobalt	59-2	130	110	90	110	18.18	cps
Copper	63-2	2700	2660	2810	2724	2.85	cps
Dysprosium	156-1	27	57	40	41	36.56	cps
Dysprosium	156-2	0	0	10	3	173.21	cps
Erbium	164-1	100	117	113	110	8.02	cps
Erbium	164-2	37	30	17	28	36.66	cps
Gadolinium	160-1	103	123	103	110	10.50	cps
Gadolinium	160-2	27	20	27	24	15.75	cps
Holmium	165-1	20764512	21317423	21107555	21063163	1.33	cps
Holmium	165-2	6751909	6573879	6771156	6698981	1.62	cps
Indium	115-1	16891392	16864432	16865915	16873913	0.09	cps
Indium	115-2	1420695	1409709	1434793	1421732	0.88	cps
Iron	54-2	570	510	473	518	9.43	cps
Iron	56-2	7275	7469	7309	7351	1.41	cps
Iron	57-2	160	183	210	184	13.56	cps
Krypton	83-1	293	263	313	290	8.68	cps
Lead	206-1	1787	1743	1787	1772	1.41	cps

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : PB166636BL Instrumnet Name : P8
Client Sample ID : PBW636 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 15:28:29 DataFile Name : 037CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	1467	1427	1577	1490	5.21	cps
Lead	208-1	7231	6681	6984	6965	3.96	cps
Lithium	6-1	7894411	7775407	7863142	7844320	0.79	cps
Magnesium	24-2	2584	2564	2664	2604	2.03	cps
Manganese	55-2	163	213	197	191	13.32	cps
Molybdenum	94-1	447	413	427	429	3.91	cps
Molybdenum	95-1	190	153	200	181	13.56	cps
Molybdenum	96-1	273	263	203	247	15.35	cps
Molybdenum	97-1	130	133	130	131	1.47	cps
Molybdenum	98-1	307	313	310	310	1.08	cps
Neodymium	150-1	20	10	10	13	43.30	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	1357	1460	1413	1410	3.67	cps
Phosphorus	31-2	93	63	83	80	19.09	cps
Potassium	39-2	10551	10254	10734	10513	2.31	cps
Rhodium	103-1	15487799	15665813	15583888	15579166	0.57	cps
Rhodium	103-2	5658359	5463623	5592514	5571499	1.78	cps
Scandium	45-1	11082271	11062005	11200555	11114944	0.67	cps
Scandium	45-2	193866	194041	196002	194636	0.61	cps
Selenium	82-1	-37	13	-10	-11	-225.12	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	13	13	13	13	0.00	cps
Silicon	28-1	539553	535253	533442	536083	0.59	cps
Silver	107-1	190	213	217	207	7.03	cps
Silver	109-1	47	43	40	43	7.70	cps
Sodium	23-2	62794	62624	63320	62912	0.58	cps
Strontium	86-1	1177	1070	917	1055	12.40	cps
Strontium	88-1	6355	5721	5264	5780	9.48	cps
Sulfur	34-1	770146	777146	780538	775943	0.68	cps
Terbium	159-1	21576675	21485359	21423872	21495302	0.36	cps
Terbium	159-2	6311904	6459827	6332616	6368116	1.26	cps
Thallium	203-1	387	403	373	388	3.88	cps
Thallium	205-1	877	850	837	854	2.38	cps
Tin	118-1	3247	3290	3120	3219	2.74	cps
Titanium	47-1	477	487	607	523	13.82	cps
Uranium	238-1	33	23	23	27	21.65	cps

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : PB166636BL Instrumnet Name : P8
Client Sample ID : PBW636 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 15:28:29 DataFile Name : 037CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	7	13	3	8	65.47	cps
Ytterbium	172-1	97	137	117	117	17.14	cps
Ytterbium	172-2	50	60	40	50	20.00	cps
Ytterbium	176-1	2047	1964	2034	2015	2.22	cps
Ytterbium	176-2	310	290	327	309	5.94	cps
Yttrium	89-1	28741080	28714615	28779876	28745190	0.11	cps
Yttrium	89-2	1770563	1765069	1780358	1771997	0.44	cps
Zinc	66-2	240	230	213	228	5.91	cps
Zirconium	90-1	990	980	917	962	4.13	cps
Zirconium	91-1	253	170	213	212	19.64	cps

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : PB166636BS Instrumnet Name : P8
Client Sample ID : LCS636 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 15:31:51 DataFile Name : 038LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2774	2867	2997	2879	3.90	cps
Antimony	121-1	72742	73942	74826	73837	1.42	cps
Arsenic	75-2	640	810	600	683	16.32	cps
Barium	135-1	85722	87228	87201	86717	0.99	cps
Barium	137-1	152778	151329	152977	152361	0.59	cps
Beryllium	9-1	12650	12691	12638	12660	0.22	cps
Bismuth	209-1	13720708	13366989	13272530	13453409	1.76	cps
Bismuth	209-2	4974326	4970601	5054788	4999905	0.95	cps
Bromine	81-1	5528	5408	5104	5347	4.08	cps
Cadmium	108-1	813	650	830	764	13.01	cps
Cadmium	106-1	9550	9673	9066	9430	3.40	cps
Cadmium	111-1	15252	15673	14995	15307	2.24	cps
Calcium	43-1	58559	59472	58686	58905	0.84	cps
Calcium	44-1	950924	959741	966532	959066	0.82	cps
Carbon	12-1	4103520	3972608	4009082	4028403	1.68	cps
Carbon	12-2	26494	26768	26324	26528	0.84	cps
Chlorine	35-1	1841989	1998528	2148881	1996466	7.69	cps
Chlorine	35-2	8302	8643	8419	8455	2.04	cps
Chromium	52-2	15195	14851	14734	14927	1.60	cps
Cobalt	59-2	13977	13787	14324	14029	1.94	cps
Copper	63-2	25997	26695	26565	26419	1.40	cps
Dysprosium	156-1	67	47	63	59	18.19	cps
Dysprosium	156-2	7	3	17	9	78.08	cps
Erbium	164-1	110	150	127	129	15.59	cps
Erbium	164-2	40	37	27	34	20.14	cps
Gadolinium	160-1	103	93	83	93	10.72	cps
Gadolinium	160-2	23	23	13	20	28.87	cps
Holmium	165-1	20839611	21127646	21008726	20991995	0.69	cps
Holmium	165-2	6620243	6597486	6671963	6629897	0.58	cps
Indium	115-1	16778490	16880596	16766539	16808541	0.37	cps
Indium	115-2	1410780	1409834	1424285	1414966	0.57	cps
Iron	54-2	60360	59600	59982	59981	0.63	cps
Iron	56-2	1093060	1085772	1086939	1088591	0.36	cps
Iron	57-2	28104	26859	27326	27430	2.29	cps
Krypton	83-1	200	263	270	244	15.81	cps
Lead	206-1	31241	31655	32009	31635	1.22	cps

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : PB166636BS Instrumnet Name : P8
Client Sample ID : LCS636 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 15:31:51 DataFile Name : 038LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	27015	27296	27282	27197	0.58	cps
Lead	208-1	125081	124918	125342	125114	0.17	cps
Lithium	6-1	7809743	7991369	7756084	7852399	1.57	cps
Magnesium	24-2	246130	242997	245014	244714	0.65	cps
Manganese	55-2	2990	3010	3087	3029	1.69	cps
Molybdenum	94-1	72404	73426	72765	72865	0.71	cps
Molybdenum	95-1	88811	90093	92223	90376	1.91	cps
Molybdenum	96-1	99859	100252	100570	100227	0.36	cps
Molybdenum	97-1	55333	56538	55768	55880	1.09	cps
Molybdenum	98-1	142766	145527	144368	144221	0.96	cps
Neodymium	150-1	20	17	20	19	10.18	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	5291	5354	5194	5280	1.53	cps
Phosphorus	31-2	220	190	217	209	7.87	cps
Potassium	39-2	143071	141879	143081	142677	0.48	cps
Rhodium	103-1	15508845	15473896	15449444	15477395	0.19	cps
Rhodium	103-2	5598710	5561604	5592969	5584427	0.36	cps
Scandium	45-1	11086706	10837435	11262757	11062299	1.93	cps
Scandium	45-2	193224	193456	193673	193451	0.12	cps
Selenium	82-1	2897	2774	2834	2835	2.18	cps
Selenium	77-2	37	30	47	38	22.21	cps
Selenium	78-2	97	127	120	114	13.76	cps
Silicon	28-1	849986	853440	848533	850653	0.30	cps
Silver	107-1	44174	45545	46551	45423	2.63	cps
Silver	109-1	43031	43094	43442	43189	0.51	cps
Sodium	23-2	561951	557895	556366	558737	0.52	cps
Strontium	86-1	12362	12469	12622	12485	1.05	cps
Strontium	88-1	104920	103949	103721	104197	0.61	cps
Sulfur	34-1	796079	798713	795871	796888	0.20	cps
Terbium	159-1	21854481	21506139	21165231	21508617	1.60	cps
Terbium	159-2	6410319	6329988	6381614	6373974	0.64	cps
Thallium	203-1	36966	36962	36428	36785	0.84	cps
Thallium	205-1	87650	87002	88402	87685	0.80	cps
Tin	118-1	150189	150105	151335	150543	0.46	cps
Titanium	47-1	7055	7122	7142	7106	0.64	cps
Uranium	238-1	108790	110367	109843	109666	0.73	cps

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : PB166636BS Instrumnet Name : P8
Client Sample ID : LCS636 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 15:31:51 DataFile Name : 038LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	27750	28084	27674	27836	0.78	cps
Ytterbium	172-1	147	140	120	136	10.24	cps
Ytterbium	172-2	43	53	30	42	27.72	cps
Ytterbium	176-1	2280	2370	2260	2304	2.54	cps
Ytterbium	176-2	320	393	337	350	10.98	cps
Yttrium	89-1	28561705	28443962	28382796	28462821	0.32	cps
Yttrium	89-2	1780873	1791295	1797169	1789779	0.46	cps
Zinc	66-2	5945	6005	5835	5928	1.46	cps
Zirconium	90-1	62305	62713	63008	62675	0.56	cps
Zirconium	91-1	13864	14107	13910	13960	0.93	cps

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : Q1255-01 Instrumnet Name : P8
Client Sample ID : MDCZM3 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 15:41:43 DataFile Name : 039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	757	763	910	810	10.70	cps
Antimony	121-1	127	147	143	139	7.72	cps
Arsenic	75-2	27	7	7	13	86.58	cps
Barium	135-1	9283	9834	9387	9501	3.08	cps
Barium	137-1	16343	16350	17071	16588	2.52	cps
Beryllium	9-1	330	394	387	370	9.49	cps
Bismuth	209-1	12895944	12700361	12509235	12701847	1.52	cps
Bismuth	209-2	4644082	4743269	4696889	4694747	1.06	cps
Bromine	81-1	9877	10160	10447	10162	2.81	cps
Cadmium	108-1	63	60	63	62	3.09	cps
Cadmium	106-1	7535	7569	7412	7505	1.10	cps
Cadmium	111-1	5267	5310	5187	5255	1.18	cps
Calcium	43-1	35551	34789	35885	35408	1.59	cps
Calcium	44-1	626679	620572	627060	624770	0.58	cps
Carbon	12-1	7444200	8331807	8999795	8258601	9.45	cps
Carbon	12-2	64484	64805	65766	65018	1.03	cps
Chlorine	35-1	718771	763980	791556	758102	4.85	cps
Chlorine	35-2	3140	2914	2900	2985	4.52	cps
Chromium	52-2	1350	1473	1620	1481	9.13	cps
Cobalt	59-2	373	303	333	337	10.43	cps
Copper	63-2	5038	4874	4704	4872	3.42	cps
Dysprosium	156-1	963	940	993	966	2.77	cps
Dysprosium	156-2	210	213	203	209	2.44	cps
Erbium	164-1	623	593	707	641	9.16	cps
Erbium	164-2	210	197	190	199	5.12	cps
Gadolinium	160-1	830	727	757	771	6.89	cps
Gadolinium	160-2	213	223	273	237	13.58	cps
Holmium	165-1	20683481	20436715	20444446	20521547	0.68	cps
Holmium	165-2	6412216	6500584	6404993	6439264	0.83	cps
Indium	115-1	16296279	15666712	15654695	15872562	2.31	cps
Indium	115-2	1303883	1337450	1323598	1321644	1.28	cps
Iron	54-2	1313	1333	1260	1302	2.91	cps
Iron	56-2	20909	20855	20592	20785	0.82	cps
Iron	57-2	547	613	530	563	7.83	cps
Krypton	83-1	220	253	257	243	8.33	cps
Lead	206-1	3110	3047	3127	3095	1.36	cps

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : Q1255-01 Instrumnet Name : P8
Client Sample ID : MDCZM3 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 15:41:43 DataFile Name : 039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	2744	2597	2784	2708	3.63	cps
Lead	208-1	12366	11956	12309	12210	1.82	cps
Lithium	6-1	7623945	7593041	7571078	7596021	0.35	cps
Magnesium	24-2	12886	12906	13183	12991	1.28	cps
Manganese	55-2	5138	5088	5028	5084	1.08	cps
Molybdenum	94-1	4104	4768	4748	4540	8.32	cps
Molybdenum	95-1	740	857	713	770	9.90	cps
Molybdenum	96-1	1397	1527	1553	1492	5.62	cps
Molybdenum	97-1	423	493	453	457	7.69	cps
Molybdenum	98-1	1220	1130	1193	1181	3.91	cps
Neodymium	150-1	1597	1443	1443	1495	5.92	cps
Neodymium	150-2	283	323	363	323	12.37	cps
Nickel	60-2	1350	1250	1427	1342	6.60	cps
Phosphorus	31-2	797	850	840	829	3.42	cps
Potassium	39-2	64734	65149	66057	65313	1.04	cps
Rhodium	103-1	14563755	14167234	14327260	14352750	1.39	cps
Rhodium	103-2	5177715	5171571	5243368	5197551	0.77	cps
Scandium	45-1	10714379	10337786	10462288	10504817	1.83	cps
Scandium	45-2	182324	184221	180859	182468	0.92	cps
Selenium	82-1	-7	-7	-47	-20	-115.48	cps
Selenium	77-2	7	3	0	3	100.05	cps
Selenium	78-2	7	17	10	11	45.82	cps
Silicon	28-1	79913230	77939239	78867834	78906768	1.25	cps
Silver	107-1	200	237	207	214	9.11	cps
Silver	109-1	70	97	107	91	20.80	cps
Sodium	23-2	42744406	42987139	42567423	42766323	0.49	cps
Strontium	86-1	66688	66869	67944	67167	1.01	cps
Strontium	88-1	575597	584886	583514	581333	0.86	cps
Sulfur	34-1	1058689	1038255	1031862	1042935	1.34	cps
Terbium	159-1	21195946	20625445	20840877	20887423	1.38	cps
Terbium	159-2	6066516	6286502	6123305	6158774	1.85	cps
Thallium	203-1	373	260	323	319	17.81	cps
Thallium	205-1	857	783	720	787	8.69	cps
Tin	118-1	5058	5258	5188	5168	1.96	cps
Titanium	47-1	19177	19220	18970	19122	0.70	cps
Uranium	238-1	1003	1053	1120	1059	5.53	cps

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : Q1255-01 Instrumnet Name : P8
Client Sample ID : MDCZM3 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 15:41:43 DataFile Name : 039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	577	513	563	551	6.06	cps
Ytterbium	172-1	260	253	267	260	2.56	cps
Ytterbium	172-2	63	87	77	76	15.50	cps
Ytterbium	176-1	2000	1937	2040	1992	2.62	cps
Ytterbium	176-2	367	390	370	376	3.36	cps
Yttrium	89-1	27772233	26978896	26789740	27180290	1.92	cps
Yttrium	89-2	1644112	1669604	1695468	1669728	1.54	cps
Zinc	66-2	627	517	647	597	11.73	cps
Zirconium	90-1	11886	11802	11338	11675	2.53	cps
Zirconium	91-1	2707	2907	2510	2708	7.33	cps

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : Q1255-02 Instrumnet Name : P8
Client Sample ID : MDCZP0 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 15:45:02 DataFile Name : 040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2707	2617	2560	2628	2.82	cps
Antimony	121-1	277	217	230	241	13.07	cps
Arsenic	75-2	190	167	173	177	6.80	cps
Barium	135-1	103001	102695	105373	103690	1.41	cps
Barium	137-1	177596	180283	181344	179741	1.07	cps
Beryllium	9-1	1227	1281	1287	1265	2.61	cps
Bismuth	209-1	12959973	12987394	13092251	13013206	0.54	cps
Bismuth	209-2	5002218	5135782	4859034	4999012	2.77	cps
Bromine	81-1	28933	33026	35692	32550	10.46	cps
Cadmium	108-1	37	43	63	48	29.04	cps
Cadmium	106-1	7642	7692	7659	7664	0.33	cps
Cadmium	111-1	5447	5531	5450	5476	0.87	cps
Calcium	43-1	62669	63194	62157	62673	0.83	cps
Calcium	44-1	1059426	1069178	1076026	1068210	0.78	cps
Carbon	12-1	7442168	8454021	9053275	8316488	9.79	cps
Carbon	12-2	64373	65415	66885	65557	1.92	cps
Chlorine	35-1	811328	852014	876034	846459	3.86	cps
Chlorine	35-2	3364	3490	3367	3407	2.12	cps
Chromium	52-2	3567	3497	3344	3469	3.29	cps
Cobalt	59-2	30299	30656	30924	30626	1.02	cps
Copper	63-2	3807	3894	4024	3908	2.79	cps
Dysprosium	156-1	823	787	797	802	2.36	cps
Dysprosium	156-2	250	237	223	237	5.63	cps
Erbium	164-1	737	780	690	736	6.12	cps
Erbium	164-2	217	273	223	238	13.03	cps
Gadolinium	160-1	907	903	960	923	3.44	cps
Gadolinium	160-2	337	290	283	303	9.58	cps
Holmium	165-1	20204053	20753823	20317096	20424991	1.42	cps
Holmium	165-2	6646454	6915105	6489667	6683742	3.22	cps
Indium	115-1	16043824	16123706	16545182	16237571	1.66	cps
Indium	115-2	1376467	1504745	1376285	1419166	5.22	cps
Iron	54-2	53550	53001	54055	53535	0.98	cps
Iron	56-2	980456	977765	984930	981050	0.37	cps
Iron	57-2	24875	24251	24124	24417	1.65	cps
Krypton	83-1	247	220	263	243	8.98	cps
Lead	206-1	4207	4341	4337	4295	1.77	cps

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : Q1255-02 Instrumnet Name : P8
Client Sample ID : MDCZP0 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 15:45:02 DataFile Name : 040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	3547	3581	3534	3554	0.68	cps
Lead	208-1	16518	16474	16748	16580	0.89	cps
Lithium	6-1	7532318	7532715	7552037	7539023	0.15	cps
Magnesium	24-2	82253	81583	82438	82091	0.55	cps
Manganese	55-2	162280	162689	162008	162326	0.21	cps
Molybdenum	94-1	880	920	1394	1065	26.86	cps
Molybdenum	95-1	540	573	573	562	3.42	cps
Molybdenum	96-1	643	707	673	674	4.70	cps
Molybdenum	97-1	280	330	383	331	15.61	cps
Molybdenum	98-1	823	770	893	829	7.46	cps
Neodymium	150-1	1107	1047	983	1046	5.90	cps
Neodymium	150-2	210	197	213	207	4.27	cps
Nickel	60-2	5558	5634	5364	5519	2.52	cps
Phosphorus	31-2	153	163	177	164	7.12	cps
Potassium	39-2	70320	68803	69436	69520	1.10	cps
Rhodium	103-1	14834259	14760068	14775762	14790030	0.26	cps
Rhodium	103-2	5532146	5665553	5455432	5551044	1.92	cps
Scandium	45-1	10562467	10501248	10550482	10538066	0.31	cps
Scandium	45-2	187963	196669	187840	190824	2.65	cps
Selenium	82-1	0	33	50	28	91.65	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	17	10	17	14	26.66	cps
Silicon	28-1	110341395	109552485	108609785	109501222	0.79	cps
Silver	107-1	253	253	203	237	12.20	cps
Silver	109-1	90	100	83	91	9.21	cps
Sodium	23-2	4673151	4614743	4667876	4651923	0.69	cps
Strontium	86-1	73612	74169	74178	73986	0.44	cps
Strontium	88-1	641466	646589	646269	644774	0.45	cps
Sulfur	34-1	975809	944883	954344	958345	1.65	cps
Terbium	159-1	21144343	20476831	21272756	20964643	2.04	cps
Terbium	159-2	6212176	6634940	6263089	6370068	3.62	cps
Thallium	203-1	427	420	457	434	4.50	cps
Thallium	205-1	977	843	1053	958	11.10	cps
Tin	118-1	5791	5868	5958	5872	1.42	cps
Titanium	47-1	2967	3514	3717	3399	11.42	cps
Uranium	238-1	650	770	690	703	8.69	cps

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : Q1255-02 Instrumnet Name : P8
Client Sample ID : MDCZP0 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 15:45:02 DataFile Name : 040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	397	467	437	433	8.10	cps
Ytterbium	172-1	440	373	433	416	8.84	cps
Ytterbium	172-2	117	150	133	133	12.50	cps
Ytterbium	176-1	2040	2110	2097	2082	1.79	cps
Ytterbium	176-2	297	337	327	320	6.51	cps
Yttrium	89-1	27671709	27281537	27158252	27370499	0.98	cps
Yttrium	89-2	1677303	1816400	1758508	1750737	3.99	cps
Zinc	66-2	2827	2707	2974	2836	4.71	cps
Zirconium	90-1	1763	1934	1803	1834	4.85	cps
Zirconium	91-1	330	347	370	349	5.76	cps

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : Q1255-03 Instrumnet Name : P8
Client Sample ID : MDCZP1 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 15:48:25 DataFile Name : 041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2674	2637	2587	2633	1.65	cps
Antimony	121-1	350	333	347	343	2.57	cps
Arsenic	75-2	143	123	137	134	7.57	cps
Barium	135-1	239483	238127	241693	239768	0.75	cps
Barium	137-1	415659	417566	417763	416996	0.28	cps
Beryllium	9-1	755	811	785	784	3.59	cps
Bismuth	209-1	12866334	12701358	12621772	12729822	0.98	cps
Bismuth	209-2	4744334	4751154	4774551	4756680	0.33	cps
Bromine	81-1	169694	211627	238878	206733	16.86	cps
Cadmium	108-1	103	103	90	99	7.79	cps
Cadmium	106-1	7962	8119	7792	7958	2.05	cps
Cadmium	111-1	6431	6771	6508	6570	2.71	cps
Calcium	43-1	452532	457834	456608	455658	0.61	cps
Calcium	44-1	7461356	7397986	7462921	7440755	0.50	cps
Carbon	12-1	9423553	10129949	10601595	10051699	5.90	cps
Carbon	12-2	74343	73760	75010	74371	0.84	cps
Chlorine	35-1	3721058	4133577	4438541	4097725	8.79	cps
Chlorine	35-2	17364	17227	17197	17263	0.52	cps
Chromium	52-2	1890	2034	2104	2009	5.41	cps
Cobalt	59-2	219127	220311	218992	219477	0.33	cps
Copper	63-2	4137	4327	4251	4238	2.26	cps
Dysprosium	156-1	1987	1990	1823	1933	4.93	cps
Dysprosium	156-2	563	663	767	664	15.30	cps
Erbium	164-1	1927	1867	2010	1935	3.72	cps
Erbium	164-2	640	597	520	586	10.38	cps
Gadolinium	160-1	2047	2237	2264	2182	5.41	cps
Gadolinium	160-2	770	787	753	770	2.16	cps
Holmium	165-1	20622138	20459543	20984667	20688783	1.30	cps
Holmium	165-2	6430835	6502283	6543161	6492093	0.88	cps
Indium	115-1	16063487	16075504	16092875	16077289	0.09	cps
Indium	115-2	1346553	1348845	1350549	1348649	0.15	cps
Iron	54-2	8769	9020	9296	9028	2.92	cps
Iron	56-2	164994	166230	164392	165205	0.57	cps
Iron	57-2	3974	4274	4127	4125	3.64	cps
Krypton	83-1	243	243	203	230	10.04	cps
Lead	206-1	3350	3267	3284	3300	1.34	cps

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : Q1255-03 Instrumnet Name : P8
Client Sample ID : MDCZP1 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 15:48:25 DataFile Name : 041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	2664	2870	2670	2735	4.30	cps
Lead	208-1	12753	12709	12609	12690	0.58	cps
Lithium	6-1	7529261	7509093	7564975	7534443	0.38	cps
Magnesium	24-2	432453	432402	431396	432084	0.14	cps
Manganese	55-2	1681894	1735373	1726564	1714610	1.67	cps
Molybdenum	94-1	1110	1273	1203	1196	6.85	cps
Molybdenum	95-1	593	737	547	626	15.83	cps
Molybdenum	96-1	853	707	790	783	9.39	cps
Molybdenum	97-1	407	353	363	374	7.57	cps
Molybdenum	98-1	957	810	897	888	8.31	cps
Neodymium	150-1	2050	2024	1970	2015	2.02	cps
Neodymium	150-2	423	477	440	447	6.11	cps
Nickel	60-2	21637	21763	21573	21658	0.45	cps
Phosphorus	31-2	110	97	103	103	6.45	cps
Potassium	39-2	148236	146340	149593	148056	1.10	cps
Rhodium	103-1	14508715	14279486	14596844	14461682	1.13	cps
Rhodium	103-2	5258875	5306430	5303472	5289593	0.50	cps
Scandium	45-1	10526650	10579884	10761789	10622774	1.16	cps
Scandium	45-2	187066	184164	187984	186405	1.07	cps
Selenium	82-1	127	70	210	136	51.95	cps
Selenium	77-2	7	7	0	4	86.60	cps
Selenium	78-2	17	13	13	14	13.35	cps
Silicon	28-1	81961164	82689745	82218690	82289867	0.45	cps
Silver	107-1	210	203	207	207	1.61	cps
Silver	109-1	90	67	67	74	18.09	cps
Sodium	23-2	27051425	26601216	26783124	26811922	0.84	cps
Strontium	86-1	287556	291175	288938	289223	0.63	cps
Strontium	88-1	2659692	2636864	2631524	2642693	0.57	cps
Sulfur	34-1	1727480	1736778	1757287	1740515	0.88	cps
Terbium	159-1	20970669	20669072	21055293	20898345	0.97	cps
Terbium	159-2	6291320	6217669	6253290	6254093	0.59	cps
Thallium	203-1	637	637	630	634	0.61	cps
Thallium	205-1	1627	1563	1503	1565	3.94	cps
Tin	118-1	4114	4197	4221	4177	1.34	cps
Titanium	47-1	3151	4086	3541	3593	13.07	cps
Uranium	238-1	1443	1483	1457	1461	1.39	cps

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : Q1255-03 Instrumnet Name : P8
Client Sample ID : MDCZP1 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 15:48:25 DataFile Name : 041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	957	1023	997	992	3.38	cps
Ytterbium	172-1	1300	1177	1220	1232	5.08	cps
Ytterbium	172-2	460	427	450	446	3.84	cps
Ytterbium	176-1	2400	2770	2420	2530	8.23	cps
Ytterbium	176-2	503	507	483	498	2.53	cps
Yttrium	89-1	27129108	27421402	27198989	27249833	0.56	cps
Yttrium	89-2	1714767	1724728	1738548	1726014	0.69	cps
Zinc	66-2	8609	8166	8039	8271	3.62	cps
Zirconium	90-1	2570	2644	3048	2754	9.34	cps
Zirconium	91-1	597	500	493	530	10.91	cps

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : Q1255-04 Instrumnet Name : P8
Client Sample ID : MDCZP5 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 15:51:39 DataFile Name : 042AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13486	12879	12869	13078	2.70	cps
Antimony	121-1	720	680	847	749	11.62	cps
Arsenic	75-2	10634	10667	10314	10538	1.85	cps
Barium	135-1	1101280	1117946	1119506	1112911	0.91	cps
Barium	137-1	1981662	1936161	1968876	1962233	1.20	cps
Beryllium	9-1	424	456	452	444	4.00	cps
Bismuth	209-1	12915431	13098798	13071729	13028652	0.76	cps
Bismuth	209-2	4755668	4719498	4706922	4727362	0.54	cps
Bromine	81-1	149700	162108	169753	160520	6.30	cps
Cadmium	108-1	113	103	63	93	28.35	cps
Cadmium	106-1	8189	8072	8329	8197	1.57	cps
Cadmium	111-1	6430	6432	6610	6490	1.59	cps
Calcium	43-1	357351	359215	358396	358320	0.26	cps
Calcium	44-1	5876455	6029032	5923788	5943092	1.31	cps
Carbon	12-1	13912954	15216868	15728481	14952768	6.26	cps
Carbon	12-2	107798	109689	107906	108464	0.98	cps
Chlorine	35-1	1975605	2118742	2164132	2086160	4.72	cps
Chlorine	35-2	7989	8076	8099	8055	0.72	cps
Chromium	52-2	3641	3434	3300	3458	4.95	cps
Cobalt	59-2	115208	115161	113329	114566	0.94	cps
Copper	63-2	4801	5031	5091	4974	3.08	cps
Dysprosium	156-1	6232	5875	6098	6068	2.97	cps
Dysprosium	156-2	1617	1913	1790	1773	8.40	cps
Erbium	164-1	3967	3901	3614	3827	4.91	cps
Erbium	164-2	1120	1183	1063	1122	5.35	cps
Gadolinium	160-1	5134	5438	5431	5334	3.25	cps
Gadolinium	160-2	1994	2034	1950	1992	2.09	cps
Holmium	165-1	20846701	20607794	20534018	20662837	0.79	cps
Holmium	165-2	6493749	6443839	6466762	6468117	0.39	cps
Indium	115-1	16149865	16099281	16138134	16129093	0.16	cps
Indium	115-2	1347023	1336667	1344811	1342834	0.41	cps
Iron	54-2	6545858	6472579	6510978	6509805	0.56	cps
Iron	56-2	121096452	119110052	118885955	119697486	1.02	cps
Iron	57-2	3093444	2994314	3025517	3037758	1.67	cps
Krypton	83-1	290	273	313	292	6.88	cps
Lead	206-1	7145	7072	7185	7134	0.81	cps

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : Q1255-04 Instrumnet Name : P8
Client Sample ID : MDCZP5 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 15:51:39 DataFile Name : 042AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	5851	6182	6148	6060	3.00	cps
Lead	208-1	27729	28262	32236	29409	8.38	cps
Lithium	6-1	7527331	7340436	7479660	7449142	1.30	cps
Magnesium	24-2	642366	648251	644756	645124	0.46	cps
Manganese	55-2	1937863	1910275	1918274	1922138	0.74	cps
Molybdenum	94-1	4541	6045	5335	5307	14.18	cps
Molybdenum	95-1	4481	4477	4341	4433	1.80	cps
Molybdenum	96-1	5021	5488	5531	5347	5.29	cps
Molybdenum	97-1	2687	2777	2757	2740	1.72	cps
Molybdenum	98-1	7215	6882	6978	7025	2.44	cps
Neodymium	150-1	11235	11085	11135	11151	0.69	cps
Neodymium	150-2	2420	2244	2410	2358	4.21	cps
Nickel	60-2	38278	39114	38101	38497	1.40	cps
Phosphorus	31-2	603	563	597	588	3.65	cps
Potassium	39-2	336717	335886	335193	335932	0.23	cps
Rhodium	103-1	14587094	14480926	14480352	14516124	0.42	cps
Rhodium	103-2	5368863	5308303	5204634	5293933	1.57	cps
Scandium	45-1	10618045	10772412	10612754	10667737	0.85	cps
Scandium	45-2	186834	186248	185737	186273	0.29	cps
Selenium	82-1	97	43	53	64	43.99	cps
Selenium	77-2	13	10	17	13	25.01	cps
Selenium	78-2	13	13	20	16	24.76	cps
Silicon	28-1	194868390	195795417	192024150	194229319	1.01	cps
Silver	107-1	290	310	337	312	7.50	cps
Silver	109-1	113	137	110	120	12.11	cps
Sodium	23-2	20257105	20366592	20231455	20285051	0.35	cps
Strontium	86-1	257303	259891	257788	258327	0.53	cps
Strontium	88-1	2361484	2385498	2344696	2363893	0.87	cps
Sulfur	34-1	1428797	1411225	1430720	1423580	0.75	cps
Terbium	159-1	21000062	21085666	20844141	20976623	0.58	cps
Terbium	159-2	6183161	6109893	6218490	6170514	0.90	cps
Thallium	203-1	1017	1060	1043	1040	2.10	cps
Thallium	205-1	2484	2524	2477	2495	1.01	cps
Tin	118-1	4998	5041	4998	5012	0.50	cps
Titanium	47-1	13155	12347	12823	12775	3.18	cps
Uranium	238-1	3084	3107	3170	3120	1.44	cps

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : Q1255-04 Instrumnet Name : P8
Client Sample ID : MDCZP5 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 15:51:39 DataFile Name : 042AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1040	1010	1240	1097	11.40	cps
Ytterbium	172-1	2150	2260	2347	2252	4.38	cps
Ytterbium	172-2	800	843	770	804	4.58	cps
Ytterbium	176-1	3237	3280	3257	3258	0.67	cps
Ytterbium	176-2	643	853	787	761	14.10	cps
Yttrium	89-1	27539935	27599524	27294302	27477920	0.59	cps
Yttrium	89-2	1720722	1711324	1691922	1707989	0.86	cps
Zinc	66-2	5855	5941	5821	5872	1.06	cps
Zirconium	90-1	6318	7146	5788	6417	10.66	cps
Zirconium	91-1	1357	1297	1610	1421	11.71	cps

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : Q1255-05 Instrumnet Name : P8
Client Sample ID : MDCZM4 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 15:54:53 DataFile Name : 043AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	567	480	513	520	8.41	cps
Antimony	121-1	283	277	247	269	7.26	cps
Arsenic	75-2	20	17	20	19	10.18	cps
Barium	135-1	398177	406237	400757	401724	1.02	cps
Barium	137-1	699002	705609	701715	702109	0.47	cps
Beryllium	9-1	331	329	322	327	1.38	cps
Bismuth	209-1	13009968	13173341	13043350	13075553	0.66	cps
Bismuth	209-2	4835046	4877031	4842674	4851584	0.46	cps
Bromine	81-1	37965	37490	34850	36768	4.56	cps
Cadmium	108-1	23	30	30	28	13.86	cps
Cadmium	106-1	7909	8062	7622	7865	2.84	cps
Cadmium	111-1	5550	5673	5368	5530	2.77	cps
Calcium	43-1	1851574	1928421	1890584	1890193	2.03	cps
Calcium	44-1	30403238	30269965	30191619	30288274	0.35	cps
Carbon	12-1	7982458	9039350	9376268	8799359	8.26	cps
Carbon	12-2	65354	66446	67028	66276	1.28	cps
Chlorine	35-1	753126	755688	744838	751217	0.75	cps
Chlorine	35-2	2987	2637	2660	2761	7.09	cps
Chromium	52-2	2324	2307	2227	2286	2.26	cps
Cobalt	59-2	320	333	307	320	4.17	cps
Copper	63-2	3440	3467	3384	3430	1.24	cps
Dysprosium	156-1	120	130	117	122	5.68	cps
Dysprosium	156-2	27	20	17	21	24.12	cps
Erbium	164-1	100	93	180	124	38.75	cps
Erbium	164-2	27	57	50	44	35.44	cps
Gadolinium	160-1	143	190	200	178	17.01	cps
Gadolinium	160-2	40	53	23	39	38.65	cps
Holmium	165-1	20598391	20706292	20701608	20668764	0.30	cps
Holmium	165-2	6485954	6551048	6662432	6566478	1.36	cps
Indium	115-1	16115497	16070048	16256184	16147243	0.60	cps
Indium	115-2	1351057	1374115	1361152	1362108	0.85	cps
Iron	54-2	18185	18776	18722	18561	1.76	cps
Iron	56-2	336954	335456	339537	337316	0.61	cps
Iron	57-2	8279	8313	8139	8244	1.12	cps
Krypton	83-1	290	277	240	269	9.63	cps
Lead	206-1	8486	8433	8710	8543	1.72	cps

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : Q1255-05 Instrumnet Name : P8
Client Sample ID : MDCZM4 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 15:54:53 DataFile Name : 043AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	6939	6899	6985	6941	0.63	cps
Lead	208-1	32590	32353	32636	32526	0.47	cps
Lithium	6-1	7458564	7523992	7502426	7494994	0.44	cps
Magnesium	24-2	1396903	1345732	1379253	1373963	1.89	cps
Manganese	55-2	41781	42908	42974	42554	1.58	cps
Molybdenum	94-1	2237	2387	2337	2320	3.29	cps
Molybdenum	95-1	3320	3294	3504	3373	3.39	cps
Molybdenum	96-1	3574	3714	3621	3636	1.96	cps
Molybdenum	97-1	2054	2117	2167	2112	2.69	cps
Molybdenum	98-1	5254	5464	5428	5382	2.08	cps
Neodymium	150-1	157	187	217	187	16.07	cps
Neodymium	150-2	27	30	50	36	35.49	cps
Nickel	60-2	2594	2580	2814	2663	4.92	cps
Phosphorus	31-2	783	847	740	790	6.79	cps
Potassium	39-2	205296	203037	202092	203475	0.81	cps
Rhodium	103-1	14755880	14751031	14875535	14794149	0.48	cps
Rhodium	103-2	5332580	5359201	5396972	5362918	0.60	cps
Scandium	45-1	10782770	10494020	10614943	10630578	1.36	cps
Scandium	45-2	187326	189655	185373	187451	1.14	cps
Selenium	82-1	-37	0	87	17	380.02	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	7	7	7	7	0.00	cps
Silicon	28-1	134897618	136129518	137686285	136237807	1.03	cps
Silver	107-1	453	513	543	503	9.11	cps
Silver	109-1	377	287	313	326	14.20	cps
Sodium	23-2	4878237	4776352	4864078	4839556	1.14	cps
Strontium	86-1	3385681	3431817	3390597	3402698	0.74	cps
Strontium	88-1	29553773	30104096	29524737	29727535	1.10	cps
Sulfur	34-1	748029	743457	744184	745223	0.33	cps
Terbium	159-1	20860170	20930796	21137433	20976133	0.69	cps
Terbium	159-2	6325700	6401723	6171737	6299720	1.86	cps
Thallium	203-1	317	343	260	307	13.88	cps
Thallium	205-1	787	720	720	742	5.19	cps
Tin	118-1	5084	5141	5054	5093	0.86	cps
Titanium	47-1	2594	2544	2514	2550	1.59	cps
Uranium	238-1	303	267	237	269	12.42	cps

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : Q1255-05 Instrumnet Name : P8
Client Sample ID : MDCZM4 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 15:54:53 DataFile Name : 043AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	27	33	37	32	15.80	cps
Ytterbium	172-1	90	100	117	102	13.18	cps
Ytterbium	172-2	77	40	33	50	46.67	cps
Ytterbium	176-1	2014	1987	2200	2067	5.62	cps
Ytterbium	176-2	270	287	263	273	4.40	cps
Yttrium	89-1	27250666	27924368	27737892	27637642	1.26	cps
Yttrium	89-2	1705929	1720881	1717113	1714641	0.45	cps
Zinc	66-2	2800	2627	2747	2725	3.26	cps
Zirconium	90-1	1113	997	1207	1106	9.52	cps
Zirconium	91-1	240	230	203	224	8.44	cps

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : Q1255-06 Instrumnet Name : P8
Client Sample ID : MDCZN3 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 15:58:10 DataFile Name : 044AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	620	707	697	674	7.03	cps
Antimony	121-1	247	257	227	243	6.28	cps
Arsenic	75-2	63	87	47	66	30.65	cps
Barium	135-1	125367	126612	125229	125736	0.61	cps
Barium	137-1	219224	219275	218015	218838	0.33	cps
Beryllium	9-1	812	807	790	803	1.47	cps
Bismuth	209-1	13212939	13028164	13064165	13101756	0.75	cps
Bismuth	209-2	4583824	4820262	4776562	4726883	2.66	cps
Bromine	81-1	86274	98385	109862	98174	12.02	cps
Cadmium	108-1	83	70	87	80	11.02	cps
Cadmium	106-1	7969	8226	7966	8054	1.85	cps
Cadmium	111-1	6100	6299	6105	6168	1.84	cps
Calcium	43-1	204824	209050	206886	206920	1.02	cps
Calcium	44-1	3438794	3479231	3483913	3467313	0.72	cps
Carbon	12-1	9136968	10162136	10657883	9985662	7.77	cps
Carbon	12-2	73355	74266	73881	73834	0.62	cps
Chlorine	35-1	1792900	1998789	2129123	1973604	8.59	cps
Chlorine	35-2	7872	8169	8239	8093	2.41	cps
Chromium	52-2	3824	3831	3851	3835	0.36	cps
Cobalt	59-2	22394	22141	22217	22251	0.58	cps
Copper	63-2	3444	3500	3631	3525	2.72	cps
Dysprosium	156-1	313	323	340	326	4.14	cps
Dysprosium	156-2	123	93	103	107	14.32	cps
Erbium	164-1	340	340	383	354	7.06	cps
Erbium	164-2	103	100	77	93	15.57	cps
Gadolinium	160-1	423	427	380	410	6.35	cps
Gadolinium	160-2	130	97	137	121	17.69	cps
Holmium	165-1	20670294	20573432	20776745	20673490	0.49	cps
Holmium	165-2	6170773	6372964	6393449	6312395	1.95	cps
Indium	115-1	16347490	15912632	16089428	16116517	1.36	cps
Indium	115-2	1283763	1322298	1324351	1310137	1.75	cps
Iron	54-2	23650	23893	23660	23734	0.58	cps
Iron	56-2	430557	432790	431537	431628	0.26	cps
Iron	57-2	10424	10787	10944	10719	2.49	cps
Krypton	83-1	237	217	263	239	9.80	cps
Lead	206-1	3504	3637	3487	3543	2.32	cps

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : Q1255-06 Instrumnet Name : P8
Client Sample ID : MDCZN3 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 15:58:10 DataFile Name : 044AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	2917	2960	2940	2939	0.74	cps
Lead	208-1	13520	13780	13910	13736	1.45	cps
Lithium	6-1	7336806	7538714	7466076	7447198	1.37	cps
Magnesium	24-2	172062	172069	171168	171766	0.30	cps
Manganese	55-2	151751	150769	152999	151840	0.74	cps
Molybdenum	94-1	650	640	650	647	0.89	cps
Molybdenum	95-1	427	470	503	467	8.24	cps
Molybdenum	96-1	537	583	703	608	14.15	cps
Molybdenum	97-1	340	287	340	322	9.56	cps
Molybdenum	98-1	683	733	717	711	3.58	cps
Neodymium	150-1	337	377	397	370	8.26	cps
Neodymium	150-2	87	120	60	89	33.82	cps
Nickel	60-2	8803	8753	8446	8667	2.23	cps
Phosphorus	31-2	140	147	103	130	17.95	cps
Potassium	39-2	102430	101735	101299	101821	0.56	cps
Rhodium	103-1	14761285	14617908	14644671	14674621	0.52	cps
Rhodium	103-2	5107809	5252714	5188794	5183106	1.40	cps
Scandium	45-1	10541289	10545962	10559520	10548924	0.09	cps
Scandium	45-2	175231	182023	181788	179681	2.15	cps
Selenium	82-1	70	67	13	50	63.60	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	7	3	10	7	50.03	cps
Silicon	28-1	121005342	121040828	120349892	120798687	0.32	cps
Silver	107-1	250	250	200	233	12.37	cps
Silver	109-1	37	83	93	71	42.53	cps
Sodium	23-2	10499942	10464395	10337742	10434026	0.82	cps
Strontium	86-1	135179	135896	137525	136200	0.88	cps
Strontium	88-1	1180649	1178009	1190347	1183002	0.55	cps
Sulfur	34-1	1124023	1140860	1123027	1129303	0.89	cps
Terbium	159-1	21062891	21053462	21193391	21103248	0.37	cps
Terbium	159-2	5913063	6056808	6109619	6026497	1.69	cps
Thallium	203-1	450	487	503	480	5.68	cps
Thallium	205-1	1060	1223	1097	1127	7.61	cps
Tin	118-1	4607	4848	4394	4616	4.91	cps
Titanium	47-1	2224	2014	2167	2135	5.09	cps
Uranium	238-1	453	487	507	482	5.59	cps

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : Q1255-06 Instrumnet Name : P8
Client Sample ID : MDCZN3 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 15:58:10 DataFile Name : 044AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	527	467	407	467	12.86	cps
Ytterbium	172-1	263	350	233	282	21.47	cps
Ytterbium	172-2	83	93	90	89	5.73	cps
Ytterbium	176-1	2124	2084	2017	2075	2.60	cps
Ytterbium	176-2	350	333	353	346	3.10	cps
Yttrium	89-1	27327770	26793128	27736757	27285885	1.73	cps
Yttrium	89-2	1632606	1682206	1674154	1662989	1.60	cps
Zinc	66-2	2984	2944	3244	3057	5.33	cps
Zirconium	90-1	1060	1167	1093	1107	4.93	cps
Zirconium	91-1	267	313	197	259	22.68	cps

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : Q1255-07 Instrumnet Name : P8
Client Sample ID : MDCZP2 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 16:01:30 DataFile Name : 045AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4774	4928	4958	4886	2.01	cps
Antimony	121-1	490	577	490	519	9.64	cps
Arsenic	75-2	443	440	420	434	2.91	cps
Barium	135-1	331451	330391	331723	331188	0.21	cps
Barium	137-1	573014	572613	577853	574493	0.51	cps
Beryllium	9-1	651	619	586	619	5.25	cps
Bismuth	209-1	12693091	12732727	12622496	12682771	0.44	cps
Bismuth	209-2	4755944	4639174	4626874	4673997	1.52	cps
Bromine	81-1	360119	429025	468922	419355	13.13	cps
Cadmium	108-1	47	43	67	52	24.17	cps
Cadmium	106-1	7882	7999	7962	7948	0.75	cps
Cadmium	111-1	5545	5616	5577	5579	0.63	cps
Calcium	43-1	700586	712071	711983	708213	0.93	cps
Calcium	44-1	11708806	11847675	11747522	11768001	0.61	cps
Carbon	12-1	13254776	14657961	15156854	14356531	6.87	cps
Carbon	12-2	104420	104434	104011	104288	0.23	cps
Chlorine	35-1	2207738	2446707	2578266	2410904	7.79	cps
Chlorine	35-2	10004	9937	10634	10191	3.77	cps
Chromium	52-2	2540	2720	2740	2667	4.13	cps
Cobalt	59-2	5858	6028	5901	5929	1.49	cps
Copper	63-2	4327	4441	4334	4367	1.46	cps
Dysprosium	156-1	9083	8970	9380	9144	2.32	cps
Dysprosium	156-2	2920	2870	2744	2845	3.20	cps
Erbium	164-1	9724	9373	9684	9594	2.00	cps
Erbium	164-2	2780	2804	2814	2799	0.61	cps
Gadolinium	160-1	9207	9373	9407	9329	1.15	cps
Gadolinium	160-2	3514	3277	3477	3423	3.72	cps
Holmium	165-1	20762051	20513761	20214668	20496827	1.34	cps
Holmium	165-2	6417314	6302513	6433329	6384385	1.12	cps
Indium	115-1	15927628	15756803	15376261	15686897	1.80	cps
Indium	115-2	1299985	1306812	1318619	1308472	0.72	cps
Iron	54-2	605009	605017	603729	604585	0.12	cps
Iron	56-2	11008376	11133285	11383962	11175208	1.71	cps
Iron	57-2	276028	275465	276189	275894	0.14	cps
Krypton	83-1	253	240	247	247	2.70	cps
Lead	206-1	5408	5438	5611	5486	2.00	cps

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : Q1255-07 Instrumnet Name : P8
Client Sample ID : MDCZP2 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 16:01:30 DataFile Name : 045AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	4668	4367	4591	4542	3.43	cps
Lead	208-1	21504	20890	21551	21315	1.73	cps
Lithium	6-1	7465429	7458626	7576107	7500054	0.88	cps
Magnesium	24-2	1525472	1556752	1512715	1531647	1.48	cps
Manganese	55-2	1206952	1219520	1217143	1214539	0.55	cps
Molybdenum	94-1	3597	3137	3307	3347	6.96	cps
Molybdenum	95-1	1953	2100	1910	1988	5.01	cps
Molybdenum	96-1	2334	2294	2510	2379	4.85	cps
Molybdenum	97-1	1187	1283	1343	1271	6.22	cps
Molybdenum	98-1	2820	3260	2940	3007	7.57	cps
Neodymium	150-1	11015	11602	11425	11347	2.65	cps
Neodymium	150-2	2497	2467	2397	2454	2.09	cps
Nickel	60-2	22394	22224	22261	22293	0.40	cps
Phosphorus	31-2	387	397	370	384	3.50	cps
Potassium	39-2	212836	212471	212856	212721	0.10	cps
Rhodium	103-1	14090923	14195892	14179695	14155503	0.40	cps
Rhodium	103-2	5084477	5190054	5167126	5147219	1.08	cps
Scandium	45-1	10378893	10317323	10279766	10325327	0.48	cps
Scandium	45-2	180995	183056	181987	182013	0.57	cps
Selenium	82-1	300	267	350	306	13.73	cps
Selenium	77-2	10	20	7	12	56.76	cps
Selenium	78-2	17	17	17	17	0.00	cps
Silicon	28-1	203251044	207675784	204420004	205115610	1.12	cps
Silver	107-1	223	210	177	203	11.82	cps
Silver	109-1	43	63	60	56	19.29	cps
Sodium	23-2	40936474	40935666	39945879	40606007	1.41	cps
Strontium	86-1	663566	666342	673843	667917	0.80	cps
Strontium	88-1	5946289	5987875	6028709	5987624	0.69	cps
Sulfur	34-1	1429634	1398793	1406560	1411662	1.14	cps
Terbium	159-1	20647403	20810831	20365118	20607784	1.09	cps
Terbium	159-2	6138835	6027117	6135477	6100476	1.04	cps
Thallium	203-1	387	410	340	379	9.41	cps
Thallium	205-1	857	883	857	866	1.78	cps
Tin	118-1	3714	3997	4141	3951	5.50	cps
Titanium	47-1	6915	6868	6999	6927	0.95	cps
Uranium	238-1	1793	1733	1727	1751	2.10	cps

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : Q1255-07 Instrumnet Name : P8
Client Sample ID : MDCZP2 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 16:01:30 DataFile Name : 045AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	5591	5431	5408	5477	1.82	cps
Ytterbium	172-1	11842	12439	11849	12043	2.85	cps
Ytterbium	172-2	4357	4457	4314	4376	1.68	cps
Ytterbium	176-1	9310	9323	9600	9411	1.74	cps
Ytterbium	176-2	2964	3007	3247	3073	4.97	cps
Yttrium	89-1	26691846	27005719	26770446	26822670	0.61	cps
Yttrium	89-2	1648367	1679823	1695967	1674719	1.45	cps
Zinc	66-2	1047	1020	1120	1062	4.88	cps
Zirconium	90-1	6091	6038	6111	6080	0.62	cps
Zirconium	91-1	1280	1300	1297	1292	0.83	cps

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : Q1255-08 Instrumnet Name : P8
Client Sample ID : MDCZN8 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 16:04:45 DataFile Name : 046AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2240	2124	2010	2125	5.41	cps
Antimony	121-1	253	273	260	262	3.88	cps
Arsenic	75-2	103	123	103	110	10.50	cps
Barium	135-1	344495	348344	350058	347632	0.82	cps
Barium	137-1	600677	606372	606151	604400	0.53	cps
Beryllium	9-1	1945	1951	1939	1945	0.32	cps
Bismuth	209-1	12989700	12882967	12802834	12891834	0.73	cps
Bismuth	209-2	4752159	4755096	4843955	4783737	1.09	cps
Bromine	81-1	142666	151868	152741	149092	3.74	cps
Cadmium	108-1	93	93	100	96	4.03	cps
Cadmium	106-1	7942	7999	7559	7833	3.06	cps
Cadmium	111-1	6501	6417	6181	6367	2.61	cps
Calcium	43-1	271411	275527	273979	273639	0.76	cps
Calcium	44-1	4522254	4589403	4636666	4582774	1.25	cps
Carbon	12-1	7394850	8275197	8904284	8191443	9.26	cps
Carbon	12-2	61491	62167	63516	62392	1.65	cps
Chlorine	35-1	2087237	2199689	2298595	2195173	4.82	cps
Chlorine	35-2	8666	8786	8649	8700	0.86	cps
Chromium	52-2	2704	2734	2900	2779	3.81	cps
Cobalt	59-2	20986	21393	21510	21296	1.29	cps
Copper	63-2	4574	4511	4407	4497	1.87	cps
Dysprosium	156-1	1437	1453	1347	1412	4.06	cps
Dysprosium	156-2	450	480	497	476	4.97	cps
Erbium	164-1	1307	1403	1440	1383	4.98	cps
Erbium	164-2	383	427	440	417	7.11	cps
Gadolinium	160-1	1587	1577	1460	1541	4.57	cps
Gadolinium	160-2	627	610	590	609	3.02	cps
Holmium	165-1	20657052	20309180	20294212	20420148	1.01	cps
Holmium	165-2	6406785	6420343	6461609	6429579	0.44	cps
Indium	115-1	15841882	15962295	15933525	15912567	0.40	cps
Indium	115-2	1323420	1308330	1341607	1324452	1.26	cps
Iron	54-2	26849	27266	27132	27082	0.79	cps
Iron	56-2	499743	498408	494440	497530	0.55	cps
Iron	57-2	12472	12496	12452	12473	0.17	cps
Krypton	83-1	223	220	277	240	13.25	cps
Lead	206-1	2397	2424	2544	2455	3.18	cps

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : Q1255-08 Instrumnet Name : P8
Client Sample ID : MDCZN8 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 16:04:45 DataFile Name : 046AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	2047	2094	2200	2114	3.72	cps
Lead	208-1	9428	9415	9475	9439	0.33	cps
Lithium	6-1	7536669	7529762	7604976	7557136	0.55	cps
Magnesium	24-2	370996	373272	368945	371071	0.58	cps
Manganese	55-2	270271	271791	270672	270911	0.29	cps
Molybdenum	94-1	493	570	600	554	9.92	cps
Molybdenum	95-1	333	420	317	357	15.56	cps
Molybdenum	96-1	463	417	427	436	5.64	cps
Molybdenum	97-1	210	230	203	214	6.47	cps
Molybdenum	98-1	573	610	487	557	11.38	cps
Neodymium	150-1	1383	1413	1483	1427	3.60	cps
Neodymium	150-2	317	333	320	323	2.73	cps
Nickel	60-2	15909	15872	16156	15979	0.97	cps
Phosphorus	31-2	147	127	153	142	9.76	cps
Potassium	39-2	103357	103145	103440	103314	0.15	cps
Rhodium	103-1	14533237	14405084	14531516	14489946	0.51	cps
Rhodium	103-2	5333822	5088818	5312119	5244920	2.59	cps
Scandium	45-1	10390318	10428885	10413503	10410902	0.19	cps
Scandium	45-2	178936	179044	182386	180122	1.09	cps
Selenium	82-1	140	93	93	109	24.74	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	0	7	0	2	173.21	cps
Silicon	28-1	129506628	129970825	130668695	130048716	0.45	cps
Silver	107-1	227	147	200	191	21.31	cps
Silver	109-1	50	60	57	56	9.17	cps
Sodium	23-2	12136707	11993119	11825741	11985189	1.30	cps
Strontium	86-1	303309	306852	305018	305059	0.58	cps
Strontium	88-1	2761687	2747269	2767711	2758889	0.38	cps
Sulfur	34-1	1307054	1295542	1294178	1298925	0.54	cps
Terbium	159-1	20679407	20808148	20795437	20760997	0.34	cps
Terbium	159-2	6048304	6116152	6270790	6145082	1.86	cps
Thallium	203-1	503	367	437	436	15.69	cps
Thallium	205-1	987	947	997	977	2.71	cps
Tin	118-1	3871	3811	4107	3929	3.99	cps
Titanium	47-1	2287	2407	2340	2345	2.56	cps
Uranium	238-1	1030	923	877	943	8.33	cps

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : Q1255-08 Instrumnet Name : P8
Client Sample ID : MDCZN8 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 16:04:45 DataFile Name : 046AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	483	543	560	529	7.62	cps
Ytterbium	172-1	537	493	587	539	8.67	cps
Ytterbium	172-2	177	213	223	204	12.02	cps
Ytterbium	176-1	2107	2234	2210	2184	3.09	cps
Ytterbium	176-2	357	337	440	378	14.51	cps
Yttrium	89-1	26754067	26697916	26824394	26758792	0.24	cps
Yttrium	89-2	1671222	1656334	1691071	1672876	1.04	cps
Zinc	66-2	5891	5851	5945	5896	0.79	cps
Zirconium	90-1	1057	1263	1207	1176	9.09	cps
Zirconium	91-1	240	213	207	220	8.02	cps

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : Q1255-09 Instrumnet Name : P8
Client Sample ID : MDCZN8D Dilution Factor : 1
Date & Time Acquired : 2025-02-11 16:08:05 DataFile Name : 047AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2164	2074	2054	2097	2.79	cps
Antimony	121-1	200	243	240	228	10.59	cps
Arsenic	75-2	83	110	107	100	14.53	cps
Barium	135-1	338399	345022	344964	342795	1.11	cps
Barium	137-1	591006	600501	607379	599629	1.37	cps
Beryllium	9-1	1917	1990	2004	1970	2.35	cps
Bismuth	209-1	12980045	13088615	12868347	12979002	0.85	cps
Bismuth	209-2	4843521	4742402	4799821	4795248	1.06	cps
Bromine	81-1	107676	123229	130066	120324	9.54	cps
Cadmium	108-1	93	103	103	100	5.77	cps
Cadmium	106-1	7415	7679	7552	7549	1.75	cps
Cadmium	111-1	5959	6220	6191	6123	2.34	cps
Calcium	43-1	271789	272491	276358	273546	0.90	cps
Calcium	44-1	4496599	4461254	4618246	4525366	1.82	cps
Carbon	12-1	7571387	8536483	8971854	8359908	8.57	cps
Carbon	12-2	63580	65023	64594	64399	1.15	cps
Chlorine	35-1	2084502	2279736	2325516	2229918	5.74	cps
Chlorine	35-2	8686	8763	8706	8718	0.46	cps
Chromium	52-2	4177	4084	4037	4100	1.74	cps
Cobalt	59-2	21450	21349	21249	21349	0.47	cps
Copper	63-2	4517	4421	4741	4560	3.60	cps
Dysprosium	156-1	1480	1407	1403	1430	3.03	cps
Dysprosium	156-2	500	433	457	463	7.30	cps
Erbium	164-1	1350	1347	1253	1317	4.17	cps
Erbium	164-2	390	403	400	398	1.74	cps
Gadolinium	160-1	1620	1507	1487	1538	4.68	cps
Gadolinium	160-2	580	577	500	552	8.20	cps
Holmium	165-1	20131819	20213144	20904572	20416512	2.08	cps
Holmium	165-2	6413564	6417554	6418478	6416532	0.04	cps
Indium	115-1	16223759	15953704	15931062	16036175	1.02	cps
Indium	115-2	1322298	1327457	1329651	1326469	0.28	cps
Iron	54-2	27249	26782	27527	27186	1.38	cps
Iron	56-2	501839	497353	494208	497800	0.77	cps
Iron	57-2	12149	12089	12385	12208	1.29	cps
Krypton	83-1	277	247	253	259	6.08	cps
Lead	206-1	2357	2177	2287	2274	3.99	cps

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : Q1255-09 Instrumnet Name : P8
Client Sample ID : MDCZN8D Dilution Factor : 1
Date & Time Acquired : 2025-02-11 16:08:05 DataFile Name : 047AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	1974	1900	1950	1941	1.93	cps
Lead	208-1	9051	8918	8988	8986	0.74	cps
Lithium	6-1	7493453	7455924	7535250	7494876	0.53	cps
Magnesium	24-2	366527	368655	363272	366151	0.74	cps
Manganese	55-2	267711	267082	264332	266375	0.67	cps
Molybdenum	94-1	637	583	630	617	4.71	cps
Molybdenum	95-1	327	380	360	356	7.58	cps
Molybdenum	96-1	460	523	470	484	7.03	cps
Molybdenum	97-1	250	233	250	244	3.94	cps
Molybdenum	98-1	597	650	617	621	4.34	cps
Neodymium	150-1	1457	1450	1490	1466	1.46	cps
Neodymium	150-2	310	283	293	296	4.56	cps
Nickel	60-2	15966	16123	16413	16167	1.40	cps
Phosphorus	31-2	177	143	103	141	26.02	cps
Potassium	39-2	104535	104062	102809	103802	0.86	cps
Rhodium	103-1	14697556	14463790	14424027	14528458	1.02	cps
Rhodium	103-2	5272598	5276606	5274733	5274645	0.04	cps
Scandium	45-1	10307148	10292215	10604193	10401185	1.69	cps
Scandium	45-2	182719	181737	180714	181723	0.55	cps
Selenium	82-1	10	-13	17	4	354.25	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	10	3	7	7	50.03	cps
Silicon	28-1	127141408	129669455	130009895	128940253	1.22	cps
Silver	107-1	207	153	227	196	19.38	cps
Silver	109-1	43	73	47	54	30.20	cps
Sodium	23-2	12000856	11968737	11846478	11938690	0.68	cps
Strontium	86-1	300026	303631	306084	303247	1.00	cps
Strontium	88-1	2772050	2806660	2746752	2775154	1.08	cps
Sulfur	34-1	1281280	1274434	1289003	1281572	0.57	cps
Terbium	159-1	21091068	20514039	20933208	20846105	1.43	cps
Terbium	159-2	6168160	6180241	6117758	6155386	0.54	cps
Thallium	203-1	487	467	413	456	8.32	cps
Thallium	205-1	987	933	943	954	2.97	cps
Tin	118-1	3651	3661	3414	3575	3.91	cps
Titanium	47-1	2354	2184	2180	2239	4.43	cps
Uranium	238-1	1023	947	887	952	7.19	cps

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : Q1255-09 Instrumnet Name : P8
Client Sample ID : MDCZN8D Dilution Factor : 1
Date & Time Acquired : 2025-02-11 16:08:05 DataFile Name : 047AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	627	527	520	558	10.71	cps
Ytterbium	172-1	483	543	560	529	7.62	cps
Ytterbium	172-2	213	163	223	200	16.07	cps
Ytterbium	176-1	2270	2137	2180	2196	3.10	cps
Ytterbium	176-2	303	353	367	341	9.79	cps
Yttrium	89-1	26795033	26902499	27007069	26901533	0.39	cps
Yttrium	89-2	1681808	1673057	1681489	1678785	0.30	cps
Zinc	66-2	6048	5935	5828	5937	1.85	cps
Zirconium	90-1	1147	1080	1187	1138	4.74	cps
Zirconium	91-1	223	237	240	233	3.78	cps

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : Q1255-08LX5 Instrumnet Name : P8
Client Sample ID : MDCZN8L Dilution Factor : 5
Date & Time Acquired : 2025-02-11 16:11:23 DataFile Name : 048AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	517	570	487	524	8.05	cps
Antimony	121-1	143	123	97	121	19.33	cps
Arsenic	75-2	37	23	37	32	23.90	cps
Barium	135-1	71119	71327	71913	71453	0.58	cps
Barium	137-1	122932	123285	124025	123414	0.45	cps
Beryllium	9-1	691	631	585	636	8.38	cps
Bismuth	209-1	13405981	13525535	13129190	13353569	1.52	cps
Bismuth	209-2	4770806	5006101	4884364	4887090	2.41	cps
Bromine	81-1	46447	46149	45590	46062	0.94	cps
Cadmium	108-1	37	47	43	42	12.06	cps
Cadmium	106-1	8062	7939	7609	7870	2.98	cps
Cadmium	111-1	5821	5758	5476	5685	3.24	cps
Calcium	43-1	56049	57652	57400	57034	1.51	cps
Calcium	44-1	940687	932887	942307	938627	0.54	cps
Carbon	12-1	5133734	5136014	5217105	5162284	0.92	cps
Carbon	12-2	33207	33204	34073	33495	1.49	cps
Chlorine	35-1	787431	799439	797302	794724	0.81	cps
Chlorine	35-2	2860	2970	2804	2878	2.95	cps
Chromium	52-2	1060	1173	1213	1149	6.92	cps
Cobalt	59-2	4457	4681	4514	4551	2.55	cps
Copper	63-2	2977	2984	3000	2987	0.40	cps
Dysprosium	156-1	377	323	317	339	9.71	cps
Dysprosium	156-2	120	137	113	123	9.74	cps
Erbium	164-1	350	337	413	367	11.17	cps
Erbium	164-2	100	103	120	108	9.94	cps
Gadolinium	160-1	440	350	363	384	12.63	cps
Gadolinium	160-2	157	143	127	142	10.57	cps
Holmium	165-1	20945693	20669890	20934398	20849994	0.75	cps
Holmium	165-2	6536197	6711955	6586329	6611494	1.37	cps
Indium	115-1	16391446	16716770	16354396	16487537	1.21	cps
Indium	115-2	1346554	1389754	1357667	1364659	1.64	cps
Iron	54-2	5975	5998	5885	5952	1.01	cps
Iron	56-2	109053	109963	107964	108993	0.92	cps
Iron	57-2	2600	2747	2664	2670	2.76	cps
Krypton	83-1	263	303	247	271	10.74	cps
Lead	206-1	1727	1910	1894	1843	5.50	cps

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : Q1255-08LX5 Instrumnet Name : P8
Client Sample ID : MDCZN8L Dilution Factor : 5
Date & Time Acquired : 2025-02-11 16:11:23 DataFile Name : 048AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	1613	1603	1503	1573	3.87	cps
Lead	208-1	6804	7341	6931	7025	3.99	cps
Lithium	6-1	7747477	7669914	7534154	7650515	1.41	cps
Magnesium	24-2	79002	79167	77923	78697	0.86	cps
Manganese	55-2	56003	56163	56153	56106	0.16	cps
Molybdenum	94-1	483	480	397	453	10.83	cps
Molybdenum	95-1	207	213	217	212	2.40	cps
Molybdenum	96-1	293	323	280	299	7.42	cps
Molybdenum	97-1	103	160	150	138	21.95	cps
Molybdenum	98-1	297	347	357	333	9.64	cps
Neodymium	150-1	347	320	290	319	8.89	cps
Neodymium	150-2	70	63	50	61	16.66	cps
Nickel	60-2	4624	4547	4484	4552	1.54	cps
Phosphorus	31-2	97	90	83	90	7.41	cps
Potassium	39-2	29066	28167	28742	28658	1.59	cps
Rhodium	103-1	15145536	14943713	15198976	15096075	0.89	cps
Rhodium	103-2	5325473	5465076	5432013	5407521	1.35	cps
Scandium	45-1	10643153	10655110	10540110	10612791	0.60	cps
Scandium	45-2	182101	188674	182792	184522	1.96	cps
Selenium	82-1	-17	-20	43	2	1603.31	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	7	7	13	9	43.25	cps
Silicon	28-1	27352422	27383104	27013354	27249627	0.75	cps
Silver	107-1	157	177	143	159	10.56	cps
Silver	109-1	37	50	47	44	15.61	cps
Sodium	23-2	2469010	2553056	2503930	2508665	1.68	cps
Strontium	86-1	63838	63650	62723	63404	0.94	cps
Strontium	88-1	548540	550666	550590	549932	0.22	cps
Sulfur	34-1	865818	861119	860943	862627	0.32	cps
Terbium	159-1	21279628	21283744	21414136	21325836	0.36	cps
Terbium	159-2	6094290	6254567	6221191	6190016	1.37	cps
Thallium	203-1	313	310	300	308	2.25	cps
Thallium	205-1	810	667	730	736	9.77	cps
Tin	118-1	3417	3364	3434	3405	1.07	cps
Titanium	47-1	890	847	987	908	7.90	cps
Uranium	238-1	187	210	217	204	7.70	cps

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : Q1255-08LX5 Instrumnet Name : P8
Client Sample ID : MDCZN8L Dilution Factor : 5
Date & Time Acquired : 2025-02-11 16:11:23 DataFile Name : 048AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	107	127	130	121	10.42	cps
Ytterbium	172-1	233	187	260	227	16.38	cps
Ytterbium	172-2	63	53	73	63	15.79	cps
Ytterbium	176-1	2100	2017	2010	2042	2.46	cps
Ytterbium	176-2	277	313	317	302	7.34	cps
Yttrium	89-1	27605725	27850654	27279498	27578626	1.04	cps
Yttrium	89-2	1706314	1717801	1656228	1693448	1.93	cps
Zinc	66-2	1233	1410	1437	1360	8.13	cps
Zirconium	90-1	937	970	950	952	1.76	cps
Zirconium	91-1	190	177	200	189	6.20	cps

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : Q1255-10 Instrumnet Name : P8
Client Sample ID : MDCZN8S Dilution Factor : 1
Date & Time Acquired : 2025-02-11 16:14:45 DataFile Name : 049AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	115917	115483	117610	116337	0.97	cps
Antimony	121-1	1723085	1776602	1761890	1753859	1.58	cps
Arsenic	75-2	11628	11471	11682	11594	0.94	cps
Barium	135-1	8342276	8532928	8486731	8453978	1.18	cps
Barium	137-1	14331236	14767362	14712227	14603608	1.63	cps
Beryllium	9-1	261708	264534	264566	263603	0.62	cps
Bismuth	209-1	12940662	12984990	13129307	13018320	0.76	cps
Bismuth	209-2	4796806	4735740	4742067	4758204	0.71	cps
Bromine	81-1	93776	116281	126807	112288	15.03	cps
Cadmium	108-1	13640	14308	14274	14074	2.67	cps
Cadmium	106-1	26075	26830	27244	26716	2.22	cps
Cadmium	111-1	210764	217579	215780	214708	1.64	cps
Calcium	43-1	269446	273800	278206	273817	1.60	cps
Calcium	44-1	4463271	4543904	4551520	4519565	1.08	cps
Carbon	12-1	6925739	7946942	8585181	7819287	10.70	cps
Carbon	12-2	62740	63175	63951	63289	0.97	cps
Chlorine	35-1	33608617	37474062	38642383	36575021	7.20	cps
Chlorine	35-2	150089	152167	155422	152559	1.76	cps
Chromium	52-2	630832	636816	627938	631862	0.72	cps
Cobalt	59-2	3151010	3190720	3176300	3172677	0.63	cps
Copper	63-2	1231263	1235281	1230004	1232183	0.22	cps
Dysprosium	156-1	1417	1560	1447	1475	5.13	cps
Dysprosium	156-2	513	443	493	483	7.46	cps
Erbium	164-1	1360	1380	1297	1346	3.23	cps
Erbium	164-2	393	407	347	382	8.24	cps
Gadolinium	160-1	1530	1493	1567	1530	2.40	cps
Gadolinium	160-2	527	540	567	544	3.74	cps
Holmium	165-1	20434878	20468231	20452527	20451878	0.08	cps
Holmium	165-2	6348396	6332622	6368124	6349714	0.28	cps
Indium	115-1	16078455	15968529	16067427	16038137	0.38	cps
Indium	115-2	1330162	1332604	1331060	1331275	0.09	cps
Iron	54-2	177700	179961	178156	178606	0.67	cps
Iron	56-2	2953390	2890856	2948260	2930835	1.18	cps
Iron	57-2	71552	72379	73307	72413	1.21	cps
Krypton	83-1	283	283	247	271	7.81	cps
Lead	206-1	281736	288039	288734	286169	1.35	cps

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : Q1255-10 Instrumnet Name : P8
Client Sample ID : MDCZN8S Dilution Factor : 1
Date & Time Acquired : 2025-02-11 16:14:45 DataFile Name : 049AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	240796	243679	242823	242433	0.61	cps
Lead	208-1	1112729	1127846	1129880	1123485	0.83	cps
Lithium	6-1	7757868	7337870	7587949	7561229	2.79	cps
Magnesium	24-2	368008	373993	375748	372583	1.09	cps
Manganese	55-2	882686	879504	884644	882278	0.29	cps
Molybdenum	94-1	827	907	807	847	6.25	cps
Molybdenum	95-1	550	503	430	494	12.23	cps
Molybdenum	96-1	740	673	653	689	6.59	cps
Molybdenum	97-1	353	283	337	324	11.27	cps
Molybdenum	98-1	820	803	817	813	1.08	cps
Neodymium	150-1	1890	1947	1863	1900	2.24	cps
Neodymium	150-2	307	290	300	299	2.81	cps
Nickel	60-2	867088	864594	872958	868213	0.49	cps
Phosphorus	31-2	120	113	133	122	8.33	cps
Potassium	39-2	104152	104313	105381	104615	0.64	cps
Rhodium	103-1	14373107	14523991	14643698	14513599	0.93	cps
Rhodium	103-2	5281191	5203391	5192102	5225562	0.93	cps
Scandium	45-1	10286236	10381419	10467396	10378350	0.87	cps
Scandium	45-2	181210	181549	179843	180867	0.50	cps
Selenium	82-1	4564	4641	4971	4725	4.57	cps
Selenium	77-2	80	90	80	83	6.93	cps
Selenium	78-2	270	237	233	247	8.22	cps
Silicon	28-1	130088205	133107235	132834721	132010054	1.27	cps
Silver	107-1	971001	996744	993879	987208	1.43	cps
Silver	109-1	934703	962368	952810	949960	1.48	cps
Sodium	23-2	11968266	11934663	12126303	12009744	0.85	cps
Strontium	86-1	303516	305821	312284	307207	1.48	cps
Strontium	88-1	2750673	2824850	2768562	2781362	1.39	cps
Sulfur	34-1	1297190	1285542	1284691	1289141	0.54	cps
Terbium	159-1	20932664	20586678	20865718	20795020	0.88	cps
Terbium	159-2	6215971	6196883	6126024	6179626	0.77	cps
Thallium	203-1	836003	837279	847864	840382	0.77	cps
Thallium	205-1	2099226	2078748	2112041	2096672	0.80	cps
Tin	118-1	4861	4921	4844	4875	0.83	cps
Titanium	47-1	2437	2414	2417	2422	0.52	cps
Uranium	238-1	980	960	1007	982	2.38	cps

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : Q1255-10 Instrumnet Name : P8
Client Sample ID : MDCZN8S Dilution Factor : 1
Date & Time Acquired : 2025-02-11 16:14:45 DataFile Name : 049AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1199201	1202961	1206093	1202752	0.29	cps
Ytterbium	172-1	547	453	523	508	9.57	cps
Ytterbium	172-2	173	177	220	190	13.70	cps
Ytterbium	176-1	2384	2334	2220	2312	3.62	cps
Ytterbium	176-2	360	363	430	384	10.27	cps
Yttrium	89-1	26551470	27103151	27358903	27004508	1.53	cps
Yttrium	89-2	1683743	1673645	1688604	1681997	0.45	cps
Zinc	66-2	254249	256527	260501	257092	1.23	cps
Zirconium	90-1	1710	1460	1653	1608	8.15	cps
Zirconium	91-1	543	530	557	543	2.45	cps

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : Q1255-11 Instrumnet Name : P8
Client Sample ID : MDCZL6 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 16:17:57 DataFile Name : 050AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6171	5918	6145	6078	2.29	cps
Antimony	121-1	673	573	700	649	10.29	cps
Arsenic	75-2	293	313	343	317	7.95	cps
Barium	135-1	195357	200062	199189	198203	1.26	cps
Barium	137-1	342913	354348	347788	348349	1.65	cps
Beryllium	9-1	1459	1512	1486	1486	1.81	cps
Bismuth	209-1	13165778	6078433	11733998	10326069	36.29	cps
Bismuth	209-2	4932893	4641007	4991258	4855053	3.87	cps
Bromine	81-1	123529	141165	149634	138110	9.64	cps
Cadmium	108-1	37	40	53	43	20.34	cps
Cadmium	106-1	7982	3811	7262	6352	35.10	cps
Cadmium	111-1	5629	2713	5106	4483	34.68	cps
Calcium	43-1	666185	681920	684481	677529	1.46	cps
Calcium	44-1	11093615	11049907	11153431	11098984	0.47	cps
Carbon	12-1	12123253	13431239	14024043	13192845	7.37	cps
Carbon	12-2	95605	95635	97024	96088	0.84	cps
Chlorine	35-1	4019601	3916540	3829550	3921897	2.43	cps
Chlorine	35-2	13256	12642	12239	12712	4.03	cps
Chromium	52-2	4484	4701	4744	4643	3.00	cps
Cobalt	59-2	47118	46332	46248	46566	1.03	cps
Copper	63-2	4828	4731	4597	4719	2.45	cps
Dysprosium	156-1	1890	2214	2137	2080	8.12	cps
Dysprosium	156-2	550	507	580	546	6.76	cps
Erbium	164-1	1727	1790	1800	1772	2.24	cps
Erbium	164-2	493	523	550	522	5.43	cps
Gadolinium	160-1	1900	1807	1910	1872	3.04	cps
Gadolinium	160-2	733	733	743	737	0.78	cps
Holmium	165-1	20993592	9571192	18925883	16496889	36.89	cps
Holmium	165-2	6717071	6282360	6807268	6602233	4.25	cps
Indium	115-1	16114951	7464422	14748262	12775878	36.40	cps
Indium	115-2	1391672	1291447	1418635	1367251	4.90	cps
Iron	54-2	2308131	2267609	2353360	2309700	1.86	cps
Iron	56-2	41957742	41106353	41558462	41540852	1.03	cps
Iron	57-2	1020103	1020434	1019820	1020119	0.03	cps
Krypton	83-1	257	287	280	274	5.74	cps
Lead	206-1	18326	18493	18680	18500	0.96	cps

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : Q1255-11 Instrumnet Name : P8
Client Sample ID : MDCZL6 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 16:17:57 DataFile Name : 050AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	14662	14915	14909	14829	0.97	cps
Lead	208-1	69817	71431	70455	70568	1.15	cps
Lithium	6-1	7584183	3526080	6951122	6020462	36.26	cps
Magnesium	24-2	1438600	1446406	1416237	1433748	1.09	cps
Manganese	55-2	1530567	1517116	1542911	1530198	0.84	cps
Molybdenum	94-1	2974	2964	2927	2955	0.83	cps
Molybdenum	95-1	1473	1560	1540	1525	2.98	cps
Molybdenum	96-1	1977	2150	2124	2084	4.48	cps
Molybdenum	97-1	1017	1013	1027	1019	0.68	cps
Molybdenum	98-1	2234	2360	2417	2337	4.02	cps
Neodymium	150-1	2590	2660	2574	2608	1.76	cps
Neodymium	150-2	540	557	573	557	2.99	cps
Nickel	60-2	15408	15225	15685	15440	1.50	cps
Phosphorus	31-2	2147	2033	1977	2052	4.22	cps
Potassium	39-2	98862	100017	99288	99389	0.59	cps
Rhodium	103-1	14585131	6661445	13308795	11518457	36.94	cps
Rhodium	103-2	5435811	5104500	5500256	5346856	3.97	cps
Scandium	45-1	10684569	4746806	9671530	8367635	37.96	cps
Scandium	45-2	189304	174523	190462	184763	4.81	cps
Selenium	82-1	70	80	117	89	27.64	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	3	10	20	11	75.52	cps
Silicon	28-1	158196928	162850091	161052034	160699684	1.46	cps
Silver	107-1	1004	633	503	713	36.38	cps
Silver	109-1	563	570	390	508	20.10	cps
Sodium	23-2	20425471	20308945	20767109	20500508	1.16	cps
Strontium	86-1	734677	763027	751602	749768	1.90	cps
Strontium	88-1	6685017	6776282	6687070	6716123	0.78	cps
Sulfur	34-1	1851974	1878430	1890003	1873469	1.04	cps
Terbium	159-1	21043271	9602773	19222409	16622818	36.98	cps
Terbium	159-2	6384734	5900873	6370300	6218636	4.43	cps
Thallium	203-1	750	707	663	707	6.13	cps
Thallium	205-1	1750	1470	1483	1568	10.08	cps
Tin	118-1	3677	3244	3280	3400	7.07	cps
Titanium	47-1	9387	9721	9387	9498	2.03	cps
Uranium	238-1	967	1077	1113	1052	7.25	cps

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : Q1255-11 Instrumnet Name : P8
Client Sample ID : MDCZL6 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 16:17:57 DataFile Name : 050AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1503	1460	1417	1460	2.97	cps
Ytterbium	172-1	873	960	940	924	4.91	cps
Ytterbium	172-2	370	310	317	332	9.90	cps
Ytterbium	176-1	2660	1587	2454	2234	25.50	cps
Ytterbium	176-2	487	463	537	496	7.56	cps
Yttrium	89-1	27331223	12633233	24869631	21611362	36.43	cps
Yttrium	89-2	1742567	1644003	1751148	1712573	3.48	cps
Zinc	66-2	31281	30172	29948	30467	2.34	cps
Zirconium	90-1	5851	5314	5404	5523	5.21	cps
Zirconium	91-1	1273	1120	1287	1227	7.55	cps

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : CCV023 Instrumnet Name : P8
Client Sample ID : CCV023 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 16:21:13 DataFile Name : 051CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2988423	3006675	3059738	3018278	1.23	cps
Antimony	121-1	8072719	8143410	8036717	8084282	0.67	cps
Arsenic	75-2	140253	140701	141953	140969	0.63	cps
Barium	135-1	9891535	9943559	9908745	9914613	0.27	cps
Barium	137-1	16972029	17387408	17078249	17145895	1.26	cps
Beryllium	9-1	2602823	2617385	2578421	2599543	0.76	cps
Bismuth	209-1	11887540	11773869	11752663	11804691	0.61	cps
Bismuth	209-2	4259118	4275696	4345710	4293508	1.07	cps
Bromine	81-1	26746	24999	23667	25137	6.14	cps
Cadmium	108-1	158799	161996	159764	160186	1.02	cps
Cadmium	106-1	233594	232079	230276	231983	0.72	cps
Cadmium	111-1	1974128	1958811	1957555	1963498	0.47	cps
Calcium	43-1	12605284	12452386	12589667	12549112	0.67	cps
Calcium	44-1	203962990	203152110	204283337	203799479	0.29	cps
Carbon	12-1	5154862	5138235	5134510	5142536	0.21	cps
Carbon	12-2	38390	38153	37762	38101	0.83	cps
Chlorine	35-1	1075111	1039343	996137	1036864	3.81	cps
Chlorine	35-2	3664	3317	3194	3392	7.19	cps
Chromium	52-2	1589774	1592294	1612378	1598149	0.78	cps
Cobalt	59-2	2984075	2981664	2975122	2980287	0.16	cps
Copper	63-2	22316471	22210585	22416486	22314514	0.46	cps
Dysprosium	156-1	467	457	417	447	5.92	cps
Dysprosium	156-2	93	87	93	91	4.22	cps
Erbium	164-1	460	433	487	460	5.80	cps
Erbium	164-2	157	140	157	151	6.37	cps
Gadolinium	160-1	413	427	453	431	4.73	cps
Gadolinium	160-2	193	147	103	148	30.46	cps
Holmium	165-1	20328263	20333828	19820532	20160874	1.46	cps
Holmium	165-2	6199552	6369288	6258070	6275637	1.37	cps
Indium	115-1	14958027	15075882	14675878	14903262	1.38	cps
Indium	115-2	1207064	1244856	1242532	1231484	1.72	cps
Iron	54-2	15802470	15805466	15532381	15713439	1.00	cps
Iron	56-2	287775482	284024389	284958829	285586234	0.68	cps
Iron	57-2	7271006	7176302	7166920	7204743	0.80	cps
Krypton	83-1	270	313	323	302	9.38	cps
Lead	206-1	33158458	32878830	32473668	32836985	1.05	cps

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : CCV023 Instrumnet Name : P8
Client Sample ID : CCV023 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 16:21:13 DataFile Name : 051CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	28047803	28405655	28071631	28175030	0.71	cps
Lead	208-1	129441030	130559383	129636273	129878895	0.46	cps
Lithium	6-1	7055655	6974483	6876763	6968967	1.29	cps
Magnesium	24-2	54104784	54085729	54449039	54213184	0.38	cps
Manganese	55-2	6403111	6316960	6286784	6335618	0.95	cps
Molybdenum	94-1	28399420	28515609	28031914	28315647	0.89	cps
Molybdenum	95-1	41334654	41172477	41105699	41204277	0.29	cps
Molybdenum	96-1	45752446	44844084	44607676	45068069	1.34	cps
Molybdenum	97-1	25658100	25487146	25195065	25446771	0.92	cps
Molybdenum	98-1	66674127	66638566	66288234	66533642	0.32	cps
Neodymium	150-1	757	690	783	743	6.47	cps
Neodymium	150-2	60	40	50	50	20.00	cps
Nickel	60-2	777976	781932	781029	780312	0.27	cps
Phosphorus	31-2	27366	28151	28207	27908	1.69	cps
Potassium	39-2	14557777	14432146	14593986	14527970	0.58	cps
Rhodium	103-1	13410254	13338096	13029757	13259369	1.52	cps
Rhodium	103-2	4682718	4702531	4747408	4710886	0.70	cps
Scandium	45-1	10396914	10365434	10160232	10307527	1.25	cps
Scandium	45-2	179043	181574	182522	181047	0.99	cps
Selenium	82-1	116229	118901	116652	117261	1.22	cps
Selenium	77-2	1663	1733	1737	1711	2.42	cps
Selenium	78-2	5685	5675	5888	5749	2.09	cps
Silicon	28-1	6821339	6834764	6847256	6834453	0.19	cps
Silver	107-1	9781341	9663284	9870958	9771861	1.07	cps
Silver	109-1	9343008	9203419	9257482	9267970	0.76	cps
Sodium	23-2	110544632	108596948	108357118	109166233	1.10	cps
Strontium	86-1	2655008	2622905	2679089	2652334	1.06	cps
Strontium	88-1	23056625	22922306	22910057	22962996	0.35	cps
Sulfur	34-1	1430120	1454301	1412466	1432296	1.47	cps
Terbium	159-1	20688474	20433223	20020782	20380826	1.65	cps
Terbium	159-2	5899377	6056114	6071023	6008838	1.58	cps
Thallium	203-1	8127804	8092875	7964576	8061751	1.07	cps
Thallium	205-1	19270840	19101688	19165049	19179193	0.45	cps
Tin	118-1	6464921	6548119	6490494	6501178	0.66	cps
Titanium	47-1	12097951	12092018	12163256	12117742	0.33	cps
Uranium	238-1	26228990	26409061	26365201	26334417	0.36	cps

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : CCV023 Instrumnet Name : P8
Client Sample ID : CCV023 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 16:21:13 DataFile Name : 051CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1217426	1215489	1217688	1216868	0.10	cps
Ytterbium	172-1	460	523	500	494	6.48	cps
Ytterbium	172-2	200	217	153	190	17.28	cps
Ytterbium	176-1	41375	40799	40532	40902	1.05	cps
Ytterbium	176-2	12456	13023	12403	12627	2.72	cps
Yttrium	89-1	26579858	26563475	26119014	26420782	0.99	cps
Yttrium	89-2	1631373	1665052	1636597	1644341	1.10	cps
Zinc	66-2	2403374	2407910	2431817	2414367	0.63	cps
Zirconium	90-1	14332818	14429369	14417662	14393283	0.37	cps
Zirconium	91-1	3262240	3210133	3223543	3231972	0.84	cps

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : CCB023 Instrumnet Name : P8
Client Sample ID : CCB023 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 16:24:16 DataFile Name : 052CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	120	117	140	126	10.05	cps
Antimony	121-1	2320	2097	2114	2177	5.72	cps
Arsenic	75-2	10	3	10	8	49.52	cps
Barium	135-1	563	590	673	609	9.42	cps
Barium	137-1	1143	950	953	1016	10.90	cps
Beryllium	9-1	1091	1067	901	1020	10.15	cps
Bismuth	209-1	13336675	13512655	13439089	13429473	0.66	cps
Bismuth	209-2	4894495	4885566	4884639	4888233	0.11	cps
Bromine	81-1	12889	12672	12175	12579	2.91	cps
Cadmium	108-1	40	17	40	32	41.80	cps
Cadmium	106-1	8413	7912	8186	8170	3.07	cps
Cadmium	111-1	6004	5637	5822	5821	3.15	cps
Calcium	43-1	893	617	690	733	19.55	cps
Calcium	44-1	29764	28505	27593	28621	3.81	cps
Carbon	12-1	3940091	3934127	3885265	3919828	0.77	cps
Carbon	12-2	25035	25636	25512	25394	1.25	cps
Chlorine	35-1	683784	652511	631494	655930	4.01	cps
Chlorine	35-2	1983	2147	2027	2052	4.12	cps
Chromium	52-2	847	990	1040	959	10.47	cps
Cobalt	59-2	230	237	263	243	7.25	cps
Copper	63-2	2940	3194	2874	3003	5.62	cps
Dysprosium	156-1	20	17	37	24	43.83	cps
Dysprosium	156-2	0	7	3	3	100.05	cps
Erbium	164-1	93	120	113	109	12.75	cps
Erbium	164-2	27	40	20	29	35.25	cps
Gadolinium	160-1	67	110	73	83	28.00	cps
Gadolinium	160-2	3	13	17	11	62.48	cps
Holmium	165-1	20926005	20817536	20711342	20818294	0.52	cps
Holmium	165-2	6398972	6441881	6330590	6390481	0.88	cps
Indium	115-1	16738909	16509838	16040070	16429606	2.17	cps
Indium	115-2	1346473	1353743	1354436	1351550	0.33	cps
Iron	54-2	833	700	720	751	9.57	cps
Iron	56-2	13844	12556	13180	13193	4.88	cps
Iron	57-2	347	343	307	332	6.68	cps
Krypton	83-1	293	283	227	268	13.43	cps
Lead	206-1	4534	4207	3997	4246	6.37	cps

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : CCB023 Instrumnet Name : P8
Client Sample ID : CCB023 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 16:24:16 DataFile Name : 052CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	3687	3447	3204	3446	7.02	cps
Lead	208-1	17905	16458	15607	16657	6.98	cps
Lithium	6-1	7751243	7797536	7701069	7749949	0.62	cps
Magnesium	24-2	3274	3047	3137	3153	3.62	cps
Manganese	55-2	403	370	427	400	7.12	cps
Molybdenum	94-1	1557	1370	1370	1432	7.53	cps
Molybdenum	95-1	1890	1687	1437	1671	13.59	cps
Molybdenum	96-1	2197	1897	1617	1904	15.24	cps
Molybdenum	97-1	1137	1020	857	1005	14.00	cps
Molybdenum	98-1	2850	2584	2470	2635	7.41	cps
Neodymium	150-1	3	13	20	12	68.66	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1117	1137	1100	1118	1.64	cps
Phosphorus	31-2	67	80	77	74	9.32	cps
Potassium	39-2	10227	10507	10377	10370	1.35	cps
Rhodium	103-1	15207909	15348593	14909476	15155326	1.48	cps
Rhodium	103-2	5359569	5378822	5418676	5385689	0.56	cps
Scandium	45-1	10745887	10732610	10723164	10733887	0.11	cps
Scandium	45-2	183422	186007	183442	184290	0.81	cps
Selenium	82-1	-23	10	13	0	342378187533	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	10	17	10	12	31.50	cps
Silicon	28-1	549845	542840	539920	544202	0.94	cps
Silver	107-1	1323	1070	1050	1148	13.28	cps
Silver	109-1	947	833	797	859	9.10	cps
Sodium	23-2	71755	71507	70764	71342	0.72	cps
Strontium	86-1	573	583	587	581	1.19	cps
Strontium	88-1	1987	1813	2004	1935	5.44	cps
Sulfur	34-1	756763	746515	748081	750453	0.74	cps
Terbium	159-1	21091142	21342965	21432594	21288900	0.83	cps
Terbium	159-2	6222888	6223326	6314605	6253606	0.84	cps
Thallium	203-1	1147	1013	870	1010	13.70	cps
Thallium	205-1	2577	2394	2300	2424	5.81	cps
Tin	118-1	3587	3497	3330	3472	3.75	cps
Titanium	47-1	833	840	647	773	14.19	cps
Uranium	238-1	840	760	697	766	9.38	cps

LB Number : LB134674 Operator : Jaswal
Lab Sample ID : CCB023 Instrumnet Name : P8
Client Sample ID : CCB023 Dilution Factor : 1
Date & Time Acquired : 2025-02-11 16:24:16 DataFile Name : 052CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	63	27	30	40	50.68	cps
Ytterbium	172-1	127	100	140	122	16.66	cps
Ytterbium	172-2	60	43	50	51	16.42	cps
Ytterbium	176-1	2150	1853	2014	2006	7.40	cps
Ytterbium	176-2	210	280	303	264	18.37	cps
Yttrium	89-1	27787414	27686411	27274366	27582730	0.99	cps
Yttrium	89-2	1696242	1691016	1728731	1705330	1.20	cps
Zinc	66-2	333	310	370	338	8.95	cps
Zirconium	90-1	1640	1517	1463	1540	5.88	cps
Zirconium	91-1	370	300	290	320	13.62	cps