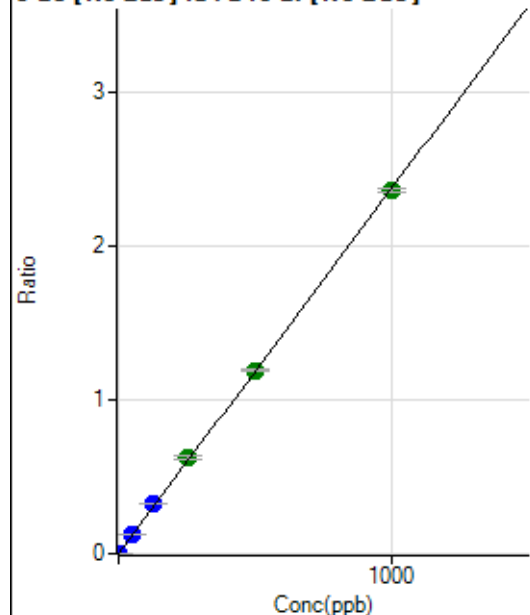


Batch Folder: D:\Agilent\ICPMH\1\DATA\P8041425 MS.b\
Analysis File: P8041425 MS.batch.bin
DA Date-Time: 2025-04-14 19:05:27
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2025-04-14 15:05:42
2	006CAL.S.d	S02	2025-04-14 15:12:28
3	007CALB.d	S03	2025-04-14 15:15:50
4	008CAL.S.d	S04	2025-04-14 15:18:54
5	009CAL.S.d	S05	2025-04-14 15:21:50
6	010CAL.S.d	S06	2025-04-14 15:24:39
7	011CAL.S.d	S07	2025-04-14 15:27:24
8	012CAL.S.d	S08	2025-04-14 15:30:11

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	93.74	0.0000	P	7.4
2	☐	1.000	1.219	7265.89	0.0029	P	2.0
3	☐	50.000	54.793	329221.31	0.1300	P	1.6
4	☐	125.000	135.646	790877.59	0.3218	P	1.4
5	☐	250.000	263.066	1482103.52	0.6241	A	2.2
6	☐	500.000	502.696	2807551.79	1.1926	A	1.8
7	☐	1000.000	993.815	5364742.49	2.3576	A	1.2
8	☐			621.60	0.0003	P	15.7

$$y = 0.0024 * x + 3.8445E-005$$

$$R = 0.9999$$

$$DL = 0.003581$$

$$BEC = 0.01621$$

Weight: <None>

Min Conc: 0

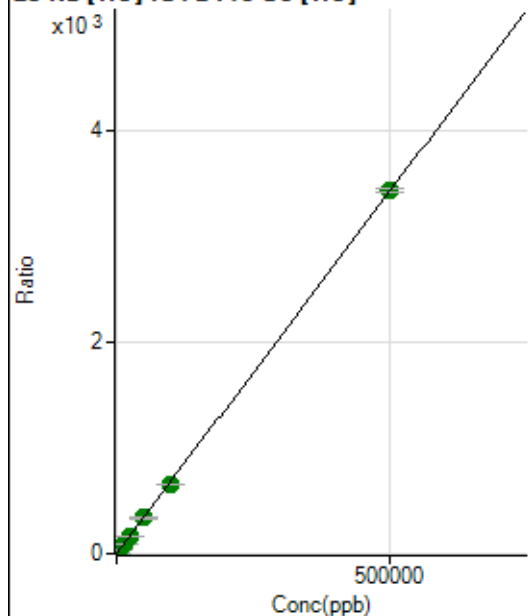
12 C [No Gas] No available calibration points



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			4125220.11		A	1.2
2	☐			4153654.62		A	2.0
3	☐			4174636.26		A	0.8
4	☐			4266026.78		A	0.5
5	☐			4472245.18		A	0.5
6	☐			5119379.16		A	1.9
7	☐			5910227.07		A	3.9
8	☐			4495699.20		A	1.4

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			27895.33		P	1.2
2	☐			28047.92		P	1.7
3	☐			28647.93		P	0.5
4	☐			29877.03		P	1.9
5	☐			32354.47		P	0.4
6	☐			39348.11		P	1.6
7	☐			46923.50		P	0.7
8	☐			39312.46		P	0.5

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	34906.10	0.3642	P	1.8
2	☐	500.000	543.337	391782.90	4.0807	P	2.3
3	☐	5000.000	5070.641	3280780.54	35.0477	A	1.7
4	☐	12500.000	12633.150	7662715.86	86.7757	A	1.7
5	☐	25000.000	24804.391	14804921.58	170.0277	A	1.2
6	☐	50000.000	49128.907	29031390.96	336.4088	A	1.2
7	☐	100000.00	95380.665	57243681.93	652.7735	A	1.5
8	☐	500000.00	501016.67	298203557.78	3,427.3471	A	1.0

$$y = 0.0068 * x + 0.3642$$

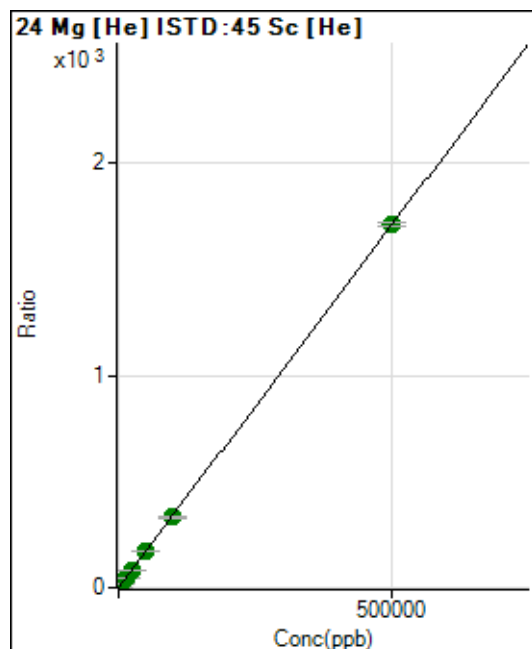
$$R = 1.0000$$

$$DL = 2.941$$

$$BEC = 53.25$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	367.79	0.0038	P	21.2
2	☐	500.000	554.610	182260.66	1.8984	P	2.3
3	☐	5000.000	5199.536	1663107.56	17.7652	A	0.9
4	☐	12500.000	12898.179	3890864.42	44.0633	A	2.3
5	☐	25000.000	25097.057	7465271.97	85.7340	A	0.4
6	☐	50000.000	49618.439	14627766.17	169.4977	A	0.4
7	☐	100000.00	96896.661	29026230.40	330.9976	A	1.4
8	☐	500000.00	500641.96	148791547.78	1,710.1697	A	1.1

$$y = 0.0034 * x + 0.0038$$

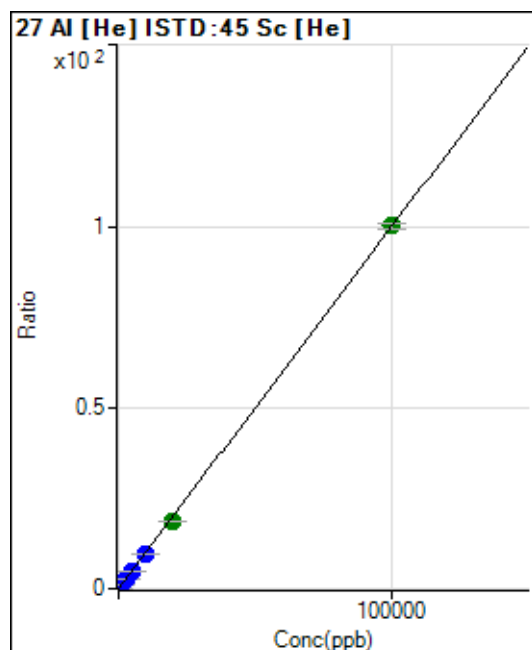
$$R = 1.0000$$

$$DL = 0.715$$

$$BEC = 1.124$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	265.56	0.0028	P	6.1
2	☐	20.000	20.404	2221.30	0.0231	P	4.2
3	☐	1000.000	997.570	93455.32	0.9983	P	0.5
4	☐	2500.000	2505.622	221057.34	2.5033	P	1.6
5	☐	5000.000	4908.502	426778.76	4.9014	P	0.6
6	☐	10000.000	9605.047	827475.89	9.5884	P	0.4
7	☐	20000.000	18667.881	1634061.45	18.6329	A	1.5
8	☐	100000.00	100310.37	8709926.61	100.1104	A	1.7

$$y = 9.9798E-004 * x + 0.0028$$

$$R = 0.9999$$

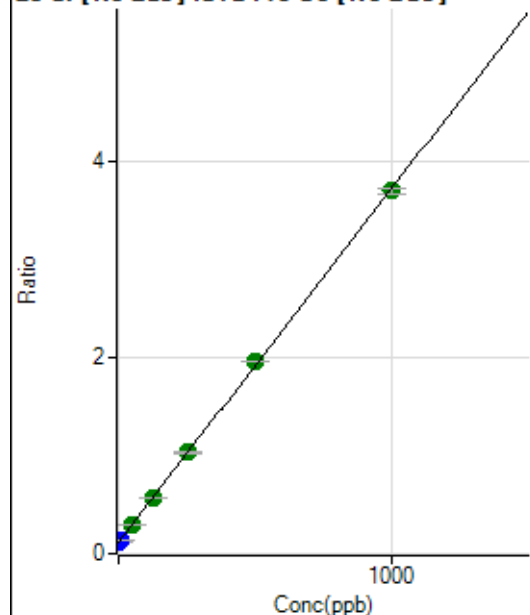
$$DL = 0.5047$$

$$BEC = 2.776$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	512346.19	0.1160	P	1.7
2	☐	10.000	7.338	632369.63	0.1425	P	0.7
3	☐	50.000	50.032	1302569.87	0.2965	A	0.8
4	☐	125.000	125.689	2447495.52	0.5693	A	0.7
5	☐	250.000	253.542	4330429.59	1.0304	A	0.4
6	☐	500.000	510.527	8033796.89	1.9571	A	0.5
7	☐	1000.000	993.790	15056432.00	3.6999	A	1.3
8	☐			741952.10	0.1864	P	4.1

$$y = 0.0036 * x + 0.1160$$

$$R = 0.9999$$

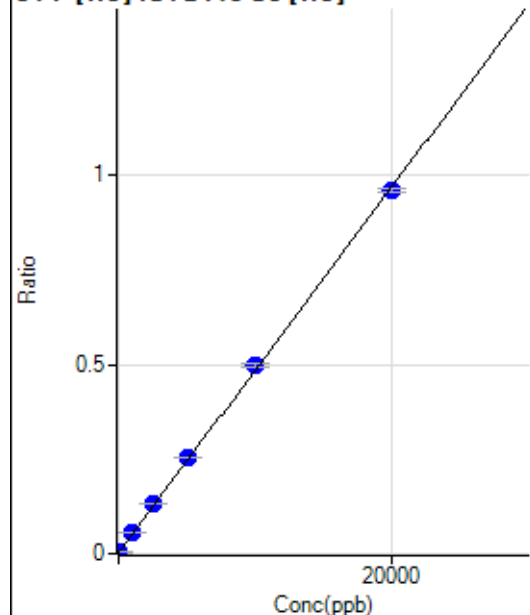
$$DL = 1.597$$

$$BEC = 32.17$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	-16.281	135.56	0.0014	P	4.0
2	☐	0.000	16.281	286.67	0.0030	P	9.7
3	☐	1000.000	1090.911	5136.51	0.0549	P	1.2
4	☐	2500.000	2666.692	11563.60	0.1310	P	1.9
5	☐	5000.000	5197.398	22041.22	0.2531	P	1.3
6	☐	10000.000	10231.889	42820.79	0.4962	P	1.7
7	☐	20000.000	19809.324	84068.07	0.9586	P	1.0
8	☐			168.89	0.0019	P	16.1

$$y = 4.8281E-005 * x + 0.0022$$

$$R = 0.9998$$

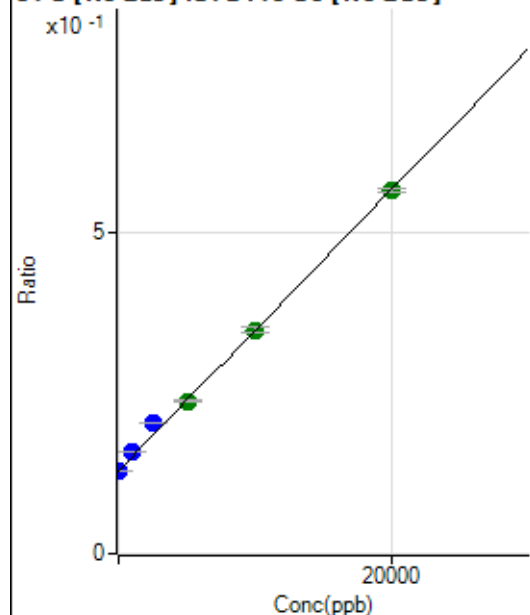
$$DL = 10.78$$

$$BEC = 45.58$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	-3.914	571618.92	0.1294	P	1.8
2	☐	0.000	3.914	575219.96	0.1296	P	0.8
3	☐	1000.000	1345.277	698977.92	0.1591	P	1.0
4	☐	2500.000	3402.079	878125.50	0.2043	P	1.2
5	☐	5000.000	4950.514	1001387.76	0.2383	A	0.8
6	☐	10000.000	9982.770	1431668.38	0.3488	A	2.6
7	☐	20000.000	19890.963	2304944.29	0.5664	A	1.0
8	☐			453982.05	0.1141	P	2.0

$$y = 2.1965E-005 * x + 0.1295$$

R = 0.9989

DL = 229.6

BEC = 5897

Weight: <None>

Min Conc: 0

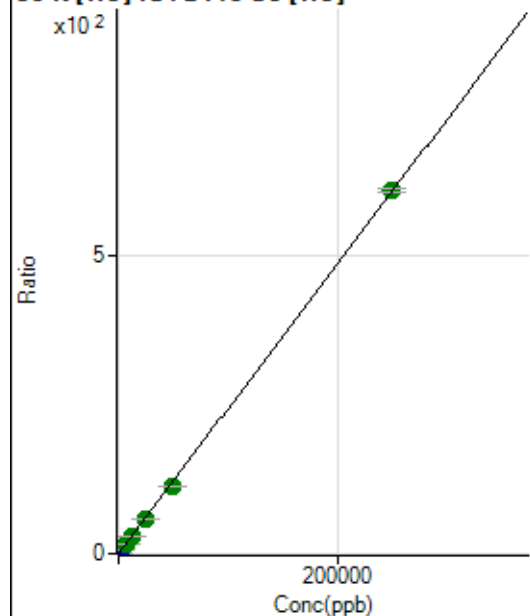
35 Cl [No Gas] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			101529.21		P	1.8
2	☐			105746.84		P	1.0
3	☐			107613.88		P	0.9
4	☐			114418.68		P	0.4
5	☐			120305.67		P	0.5
6	☐			135016.86		P	1.3
7	☐			181051.94		P	2.7
8	☐			120901.90		P	0.4

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			391.12		P	8.1
2	☐			426.68		P	15.1
3	☐			375.56		P	11.3
4	☐			440.01		P	7.2
5	☐			488.90		P	11.5
6	☐			603.35		P	8.0
7	☐			747.81		P	8.9
8	☐			561.13		P	0.3

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	15619.65	0.1630	P	1.5
2	☐	500.000	513.060	135155.96	1.4077	P	1.9
3	☐	2500.000	2452.514	572249.86	6.1129	P	0.3
4	☐	6250.000	6215.090	1345899.32	15.2412	A	1.3
5	☐	12500.000	12102.508	2570843.54	29.5244	A	0.3
6	☐	25000.000	23344.984	4901817.84	56.7994	A	0.2
7	☐	50000.000	46200.120	9843836.52	112.2473	A	0.6
8	☐	250000.00	250946.67	52982371.99	608.9752	A	0.9

$$y = 0.0024 * x + 0.1630$$

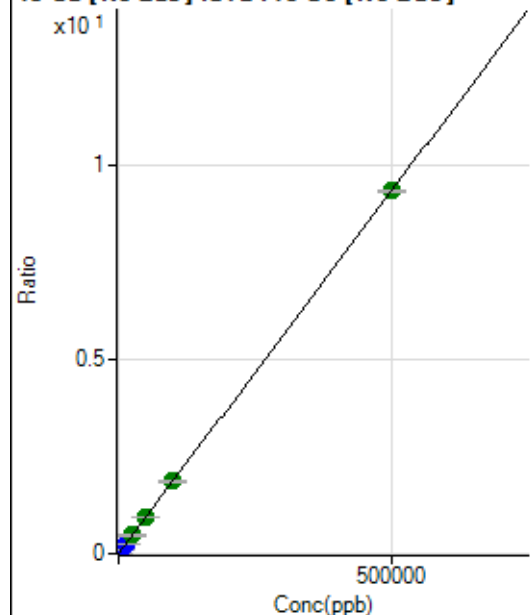
$$R = 0.9999$$

$$DL = 3.08$$

$$BEC = 67.18$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1313.41	0.0003	P	7.6
2	☐	500.000	543.444	46424.58	0.0105	P	1.5
3	☐	5000.000	5093.978	419943.97	0.0956	P	1.2
4	☐	12500.000	12521.942	1008130.06	0.2345	P	0.5
5	☐	25000.000	25302.670	1990065.09	0.4735	A	1.7
6	☐	50000.000	50189.638	3854466.33	0.9390	A	0.9
7	☐	100000.00	99713.682	7590522.94	1.8653	A	0.9
8	☐	500000.00	500021.63	37217676.39	9.3523	A	0.4

$$y = 1.8703\text{E-}005 * x + 2.9753\text{E-}004$$

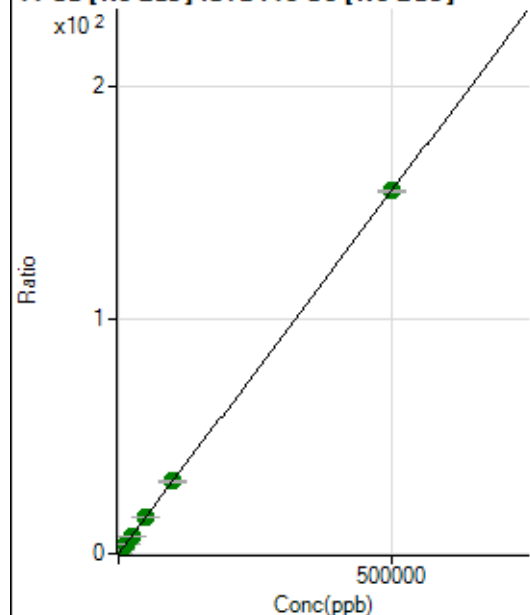
R = 1.0000

DL = 3.626

BEC = 15.91

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	27470.81	0.0062	P	1.5
2	☐	500.000	537.698	767266.31	0.1729	P	0.8
3	☐	5000.000	5015.551	6858830.59	1.5609	A	0.3
4	☐	12500.000	12294.824	16411159.89	3.8173	A	0.6
5	☐	25000.000	24823.843	32365450.91	7.7010	A	0.6
6	☐	50000.000	49722.573	63294476.83	15.4191	A	0.5
7	☐	100000.00	99508.908	125547748.13	30.8517	A	0.9
8	☐	500000.00	500139.70	616970181.92	155.0382	A	0.4

$$y = 3.0998\text{E-}004 * x + 0.0062$$

R = 1.0000

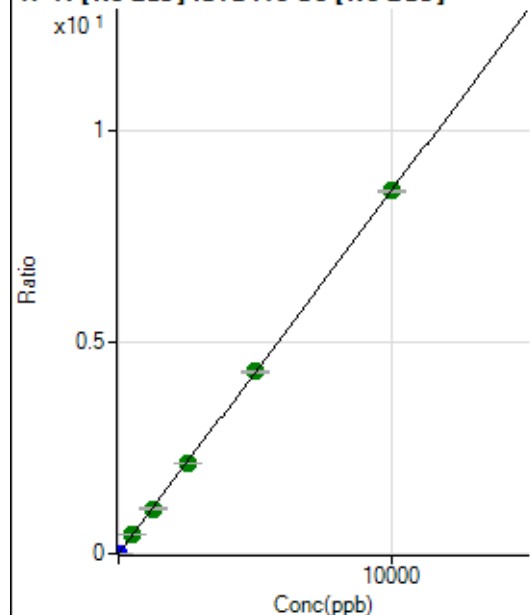
DL = 0.9038

BEC = 20.07

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	216.67	0.0000	P	6.4
2	☐	5.000	5.377	20682.77	0.0047	P	3.5
3	☐	500.000	511.323	1927337.33	0.4386	A	1.4
4	☐	1250.000	1241.840	4579471.91	1.0652	A	1.2
5	☐	2500.000	2486.038	8962247.71	2.1324	A	0.9
6	☐	5000.000	5011.791	17646529.04	4.2989	A	0.8
7	☐	10000.000	9998.048	34897706.14	8.5758	A	0.9
8	☐			2551.36	0.0006	P	6.6

$$y = 8.5774\text{E-}004 * x + 4.9081\text{E-}005$$

$$R = 1.0000$$

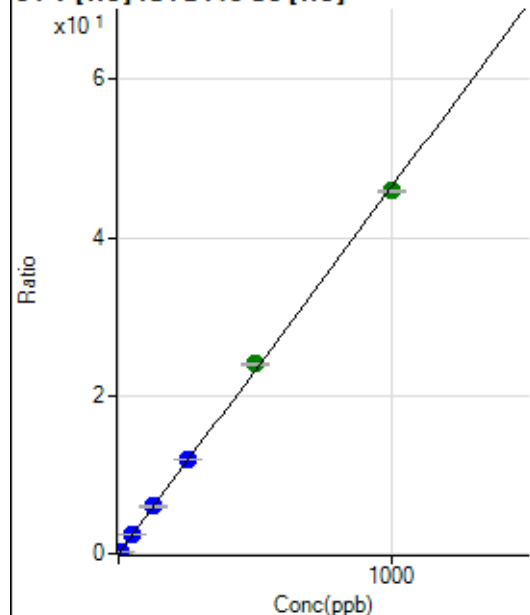
$$DL = 0.01091$$

$$BEC = 0.05722$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	24.44	0.0003	P	39.5
2	☐	5.000	5.524	24632.41	0.2566	P	2.8
3	☐	50.000	51.629	224273.63	2.3958	P	0.1
4	☐	125.000	129.406	530223.66	6.0045	P	1.7
5	☐	250.000	256.449	1036096.23	11.8991	P	0.5
6	☐	500.000	516.581	2068475.51	23.9688	A	0.5
7	☐	1000.000	989.462	4026380.43	45.9097	A	0.7
8	☐			1174.51	0.0135	P	2.1

$$y = 0.0464 * x + 2.5520\text{E-}004$$

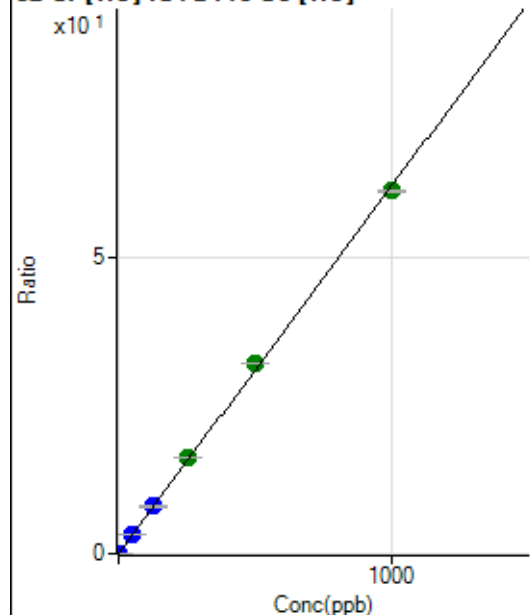
$$R = 0.9998$$

$$DL = 0.00652$$

$$BEC = 0.0055$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1383.41	0.0144	P	2.2
2	☐	2.000	2.138	14105.93	0.1469	P	2.4
3	☐	50.000	51.026	297321.40	3.1761	P	0.2
4	☐	125.000	128.583	704844.90	7.9816	P	1.0
5	☐	250.000	262.345	1416657.57	16.2697	A	0.7
6	☐	500.000	517.784	2769953.33	32.0971	A	0.5
7	☐	1000.000	987.522	5367478.08	61.2026	A	0.4
8	☐			47682.46	0.5481	P	0.8

$$y = 0.0620 * x + 0.0144$$

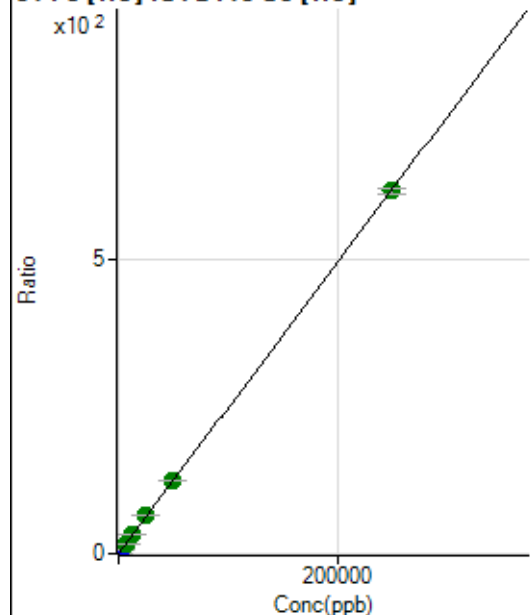
$$R = 0.9997$$

$$DL = 0.01514$$

$$BEC = 0.233$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	801.14	0.0084	P	7.1
2	☐	50.000	57.182	14381.77	0.1498	P	5.3
3	☐	2500.000	2655.029	615559.88	6.5756	P	0.2
4	☐	6250.000	6904.490	1508834.27	17.0867	A	1.7
5	☐	12500.000	13445.493	2896571.24	33.2659	A	1.4
6	☐	25000.000	26458.277	5648665.82	65.4532	A	0.5
7	☐	50000.000	50795.728	11019894.14	125.6522	A	0.2
8	☐	250000.00	249629.83	53724815.87	617.4708	A	1.7

$$y = 0.0025 * x + 0.0084$$

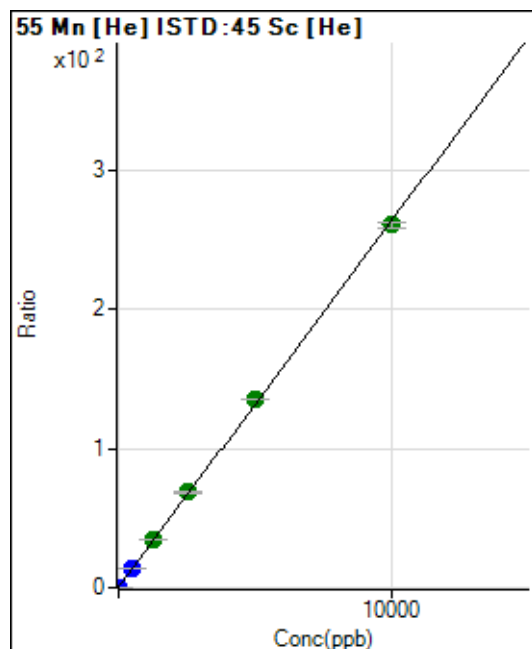
$$R = 1.0000$$

$$DL = 0.7187$$

$$BEC = 3.379$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	22256.32	0.2322	P	1.4
2	☐	1.000	0.828	24388.68	0.2540	P	3.1
3	☐	500.000	513.313	1284951.87	13.7263	P	0.4
4	☐	1250.000	1321.279	3087798.98	34.9663	A	1.2
5	☐	2500.000	2591.213	5951508.38	68.3506	A	0.8
6	☐	5000.000	5151.063	11706138.02	135.6446	A	0.0
7	☐	10000.000	9892.090	22824762.16	260.2778	A	1.3
8	☐			12276.45	0.1411	P	2.0

$$y = 0.0263 * x + 0.2322$$

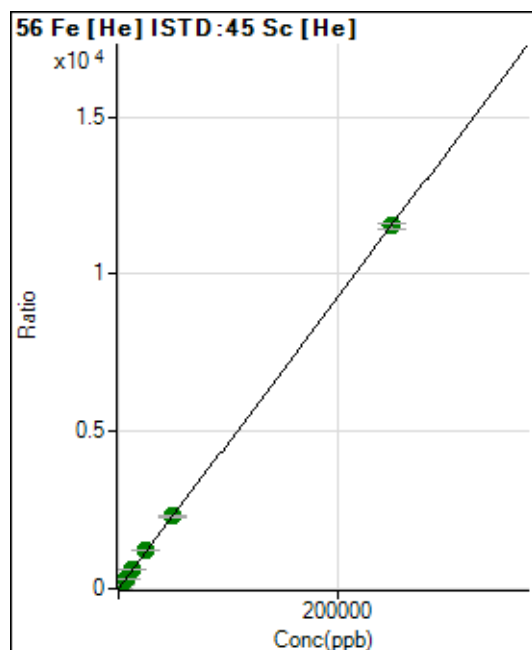
$$R = 0.9998$$

$$DL = 0.3794$$

$$BEC = 8.834$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	10619.62	0.1108	P	3.2
2	☐	50.000	54.995	254317.44	2.6489	P	3.3
3	☐	2500.000	2623.706	11345534.00	121.1992	A	0.8
4	☐	6250.000	6626.934	27020014.88	305.9549	A	0.1
5	☐	12500.000	13090.022	52613126.99	604.2373	A	0.6
6	☐	25000.000	26005.016	103585461.79	1,200.2860	A	0.5
7	☐	50000.000	50153.822	202983094.75	2,314.7939	A	2.2
8	☐	250000.00	249828.57	1003191522.8	11,530.118	A	1.6

$$y = 0.0462 * x + 0.1108$$

$$R = 1.0000$$

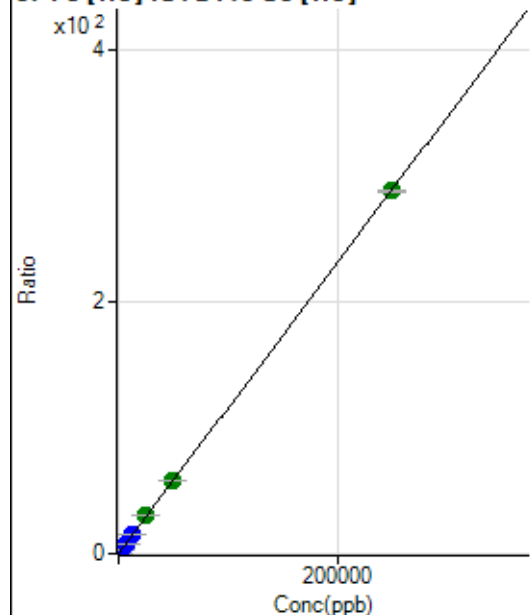
$$DL = 0.227$$

$$BEC = 2.401$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	245.56	0.0026	P	6.0
2	☐	50.000	53.870	6213.63	0.0647	P	2.2
3	☐	2500.000	2633.176	284654.50	3.0408	P	0.7
4	☐	6250.000	6601.688	672882.09	7.6198	P	1.3
5	☐	12500.000	13064.180	1312762.06	15.0764	P	0.5
6	☐	25000.000	26554.084	2644270.05	30.6415	A	1.3
7	☐	50000.000	50425.185	5102366.07	58.1848	A	1.6
8	☐	250000.00	249721.22	25069318.51	288.1391	A	0.7

$$y = 0.0012 * x + 0.0026$$

$$R = 1.0000$$

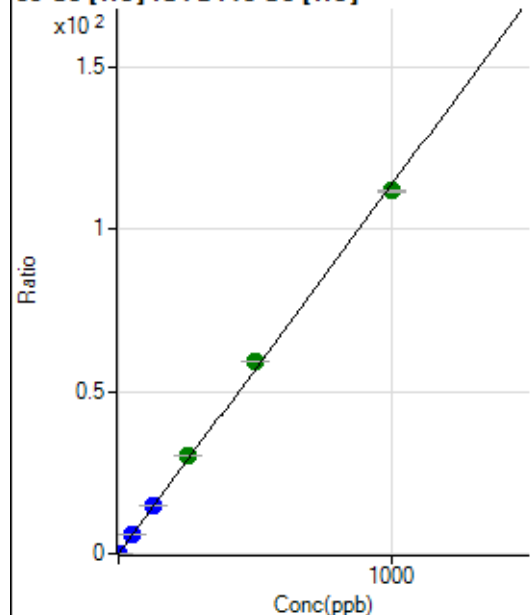
$$DL = 0.4022$$

$$BEC = 2.221$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	97.78	0.0010	P	19.9
2	☐	1.000	1.168	12835.87	0.1337	P	2.0
3	☐	50.000	52.822	561801.92	6.0013	P	0.3
4	☐	125.000	131.276	1316945.44	14.9132	P	1.2
5	☐	250.000	266.100	2632129.70	30.2286	A	0.3
6	☐	500.000	522.188	5119294.13	59.3188	A	0.5
7	☐	1000.000	983.955	9802255.69	111.7732	A	0.7
8	☐			21522.99	0.2474	P	1.8

$$y = 0.1136 * x + 0.0010$$

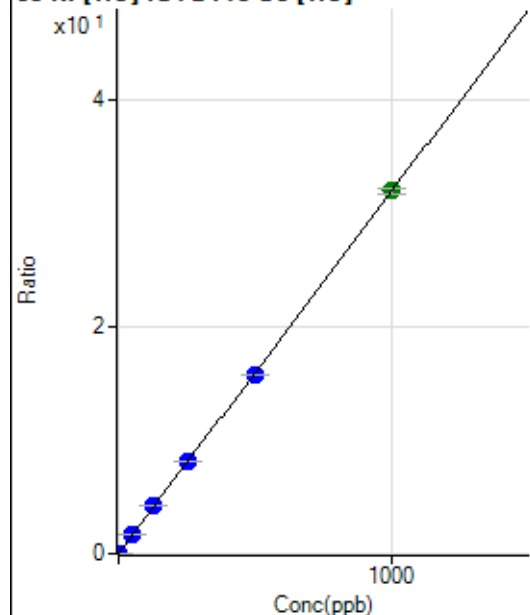
$$R = 0.9995$$

$$DL = 0.005362$$

$$BEC = 0.008981$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	723.36	0.0075	P	4.3
2	☐	1.000	1.112	4136.19	0.0431	P	4.5
3	☐	50.000	52.948	159114.49	1.6997	P	0.5
4	☐	125.000	131.667	372269.53	4.2155	P	0.9
5	☐	250.000	255.273	711035.06	8.1659	P	0.4
6	☐	500.000	492.437	1358839.18	15.7454	P	0.5
7	☐	1000.000	1001.482	2807383.81	32.0141	A	1.6
8	☐			13450.87	0.1546	P	1.0

$$y = 0.0320 * x + 0.0075$$

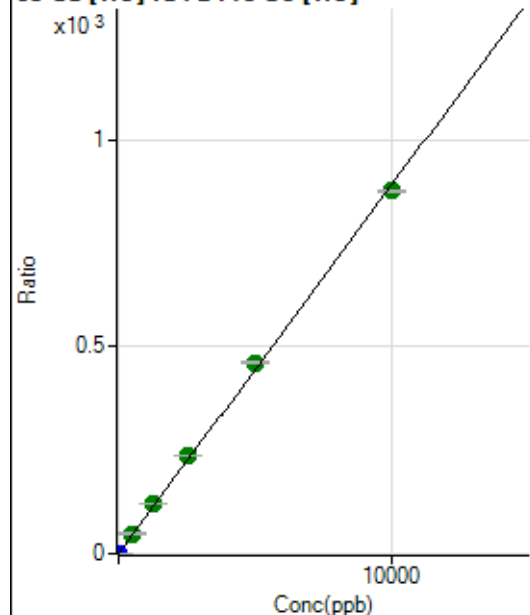
$$R = 0.9999$$

$$DL = 0.03062$$

$$BEC = 0.2362$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1866.81	0.0195	P	4.0
2	☐	2.000	2.281	21379.49	0.2227	P	2.1
3	☐	500.000	546.880	4562767.15	48.7421	A	0.9
4	☐	1250.000	1355.460	10666081.58	120.7801	A	1.0
5	☐	2500.000	2674.412	20748772.47	238.2880	A	0.9
6	☐	5000.000	5190.049	39905856.07	462.4111	A	1.0
7	☐	10000.000	9845.846	76927964.41	877.2050	A	0.8
8	☐			20939.93	0.2407	P	1.5

$$y = 0.0891 * x + 0.0195$$

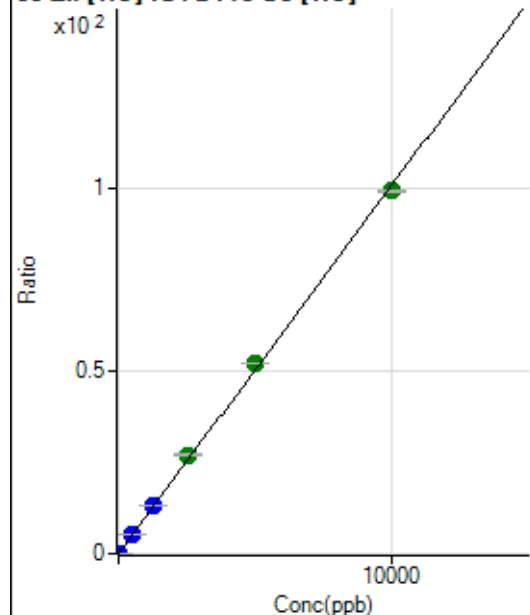
$$R = 0.9995$$

$$DL = 0.02605$$

$$BEC = 0.2186$$

Weight: <None>

Min Conc: 0

66 Zn [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1482.32	0.0155	P	5.7
2	☐	2.000	5.465	6769.44	0.0705	P	2.1
3	☐	500.000	517.311	489127.37	5.2250	P	0.2
4	☐	1250.000	1304.716	1161632.51	13.1544	P	1.1
5	☐	2500.000	2688.486	2358820.31	27.0894	A	0.5
6	☐	5000.000	5172.898	4496863.82	52.1083	A	0.8
7	☐	10000.000	9858.724	8708072.79	99.2962	A	0.6
8	☐			53275.32	0.6123	P	1.2

$$y = 0.0101 * x + 0.0155$$

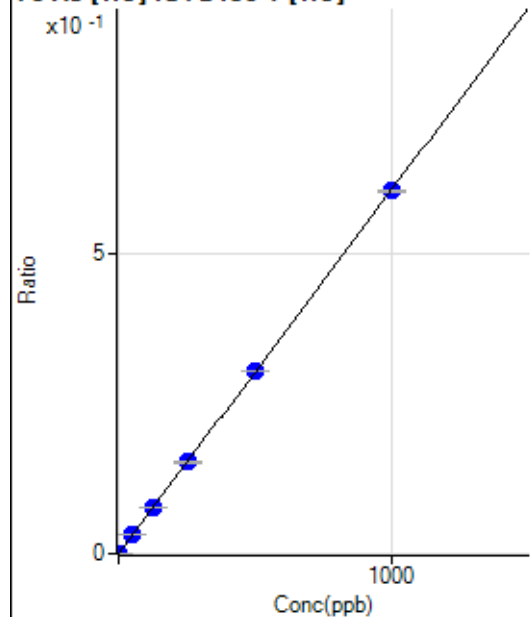
$$R = 0.9996$$

$$DL = 0.2642$$

$$BEC = 1.536$$

Weight: <None>

Min Conc: 0

75 As [He] ISTD:89 Y [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	13.33	0.0000	P	26.1
2	☐	1.000	1.163	724.47	0.0007	P	11.2
3	☐	50.000	50.470	30129.96	0.0307	P	0.8
4	☐	125.000	125.943	73014.49	0.0766	P	1.0
5	☐	250.000	252.620	142517.38	0.1536	P	1.5
6	☐	500.000	503.302	280794.11	0.3059	P	0.6
7	☐	1000.000	997.553	548189.64	0.6063	P	0.4
8	☐			331.12	0.0004	P	14.2

$$y = 6.0780E-004 * x + 1.3293E-005$$

$$R = 1.0000$$

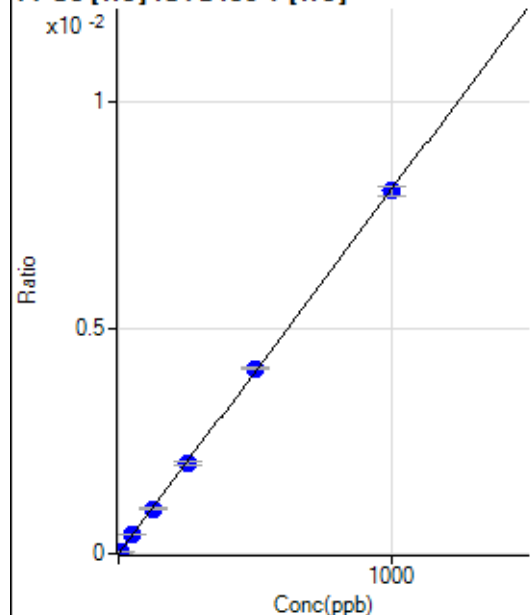
$$DL = 0.01713$$

$$BEC = 0.02187$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.
2	☐	5.000	5.068	42.22	0.0000	P	16.4
3	☐	50.000	51.788	411.12	0.0004	P	4.3
4	☐	125.000	122.430	942.27	0.0010	P	5.4
5	☐	250.000	247.581	1853.47	0.0020	P	3.9
6	☐	500.000	509.285	3769.43	0.0041	P	2.0
7	☐	1000.000	996.194	7261.93	0.0080	P	2.6
8	☐			7.78	0.0000	P	65.5

$$y = 8.0621\text{E-}006 * x + 1.1152\text{E-}006$$

$$R = 0.9999$$

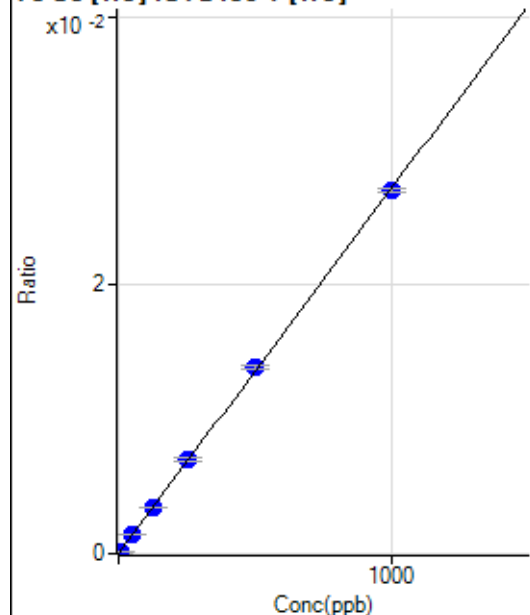
$$DL = 0.7188$$

$$BEC = 0.1383$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	15.56	0.0000	P	49.0
2	☐	5.000	5.813	174.45	0.0002	P	9.8
3	☐	50.000	51.108	1378.97	0.0014	P	2.0
4	☐	125.000	126.221	3287.09	0.0034	P	2.4
5	☐	250.000	256.617	6488.22	0.0070	P	3.6
6	☐	500.000	510.173	12742.54	0.0139	P	1.6
7	☐	1000.000	993.047	24420.11	0.0270	P	1.0
8	☐			27.78	0.0000	P	38.3

$$y = 2.7183\text{E-}005 * x + 1.5435\text{E-}005$$

$$R = 0.9999$$

$$DL = 0.835$$

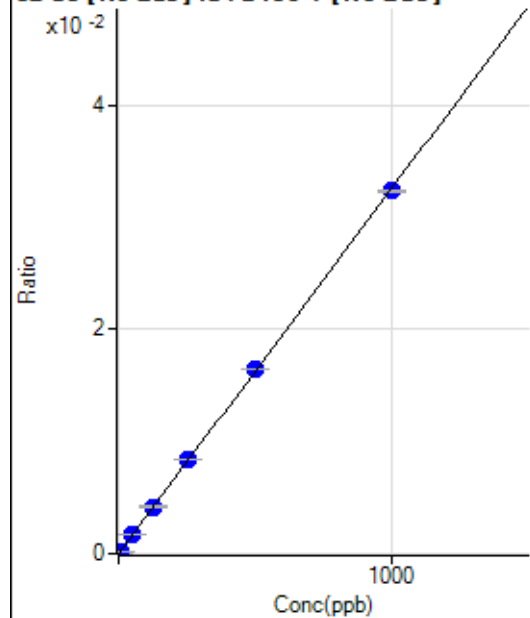
$$BEC = 0.5678$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			27033.99		P	3.5
2	☐			26761.19		P	1.4
3	☐			26495.16		P	1.5
4	☐			26279.18		P	0.9
5	☐			25745.95		P	2.1
6	☐			25924.07		P	2.9
7	☐			25353.07		P	2.2
8	☐			23966.17		P	2.5

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	11.11	0.0000	P	437.
2	☐	5.000	5.484	2212.46	0.0002	P	3.8
3	☐	50.000	52.046	20882.74	0.0017	P	2.5
4	☐	125.000	128.827	50493.81	0.0042	P	1.0
5	☐	250.000	258.479	99599.59	0.0084	P	1.8
6	☐	500.000	506.465	194122.04	0.0165	P	0.4
7	☐	1000.000	994.065	378158.52	0.0323	P	0.7
8	☐			338.91	0.0000	P	21.6

$$y = 3.2514E-005 * x + 9.4579E-007$$

$$R = 0.9999$$

$$DL = 0.382$$

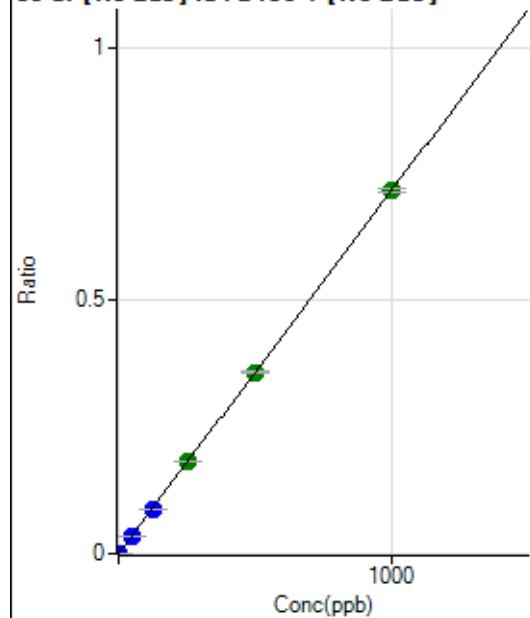
$$BEC = 0.02909$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			293.34		P	9.7
2	☐			284.45		P	13.7
3	☐			287.78		P	8.8
4	☐			304.45		P	10.2
5	☐			343.34		P	7.8
6	☐			275.56		P	15.8
7	☐			377.79		P	14.0
8	☐			331.12		P	4.8

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	512.24	0.0000	P	9.1
2	☐	1.000	1.035	9672.34	0.0008	P	2.0
3	☐	50.000	48.636	430631.55	0.0349	P	1.1
4	☐	125.000	121.095	1046944.17	0.0869	P	1.1
5	☐	250.000	254.441	2162511.86	0.1825	A	0.7
6	☐	500.000	500.069	4226932.99	0.3586	A	0.9
7	☐	1000.000	999.412	8383742.86	0.7166	A	1.0
8	☐			26859.18	0.0024	P	1.8

$$y = 7.1700\text{E-}004 * x + 4.1779\text{E-}005$$

$$R = 1.0000$$

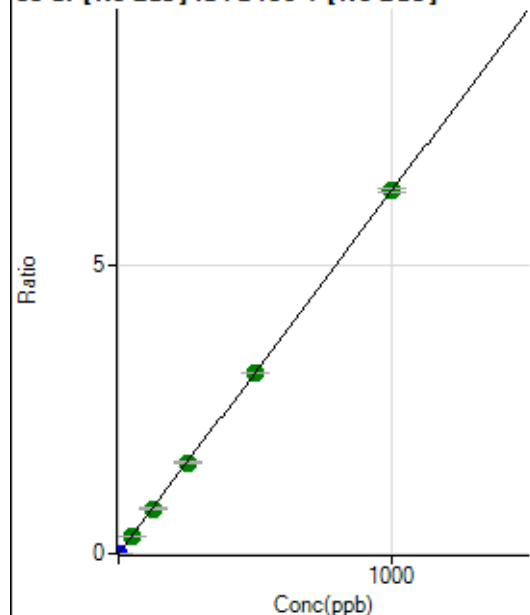
$$DL = 0.01593$$

$$BEC = 0.05827$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	564.46	0.0000	P	9.6
2	☐	1.000	1.036	80843.43	0.0066	P	1.2
3	☐	50.000	50.161	3885655.15	0.3150	A	0.5
4	☐	125.000	124.369	9412283.75	0.7810	A	2.3
5	☐	250.000	251.497	18716826.25	1.5792	A	0.9
6	☐	500.000	498.312	36886393.62	3.1290	A	1.0
7	☐	1000.000	1000.540	73505632.80	6.2826	A	0.9
8	☐			230048.50	0.0204	P	0.8

$$y = 0.0063 * x + 4.5998E-005$$

$$R = 1.0000$$

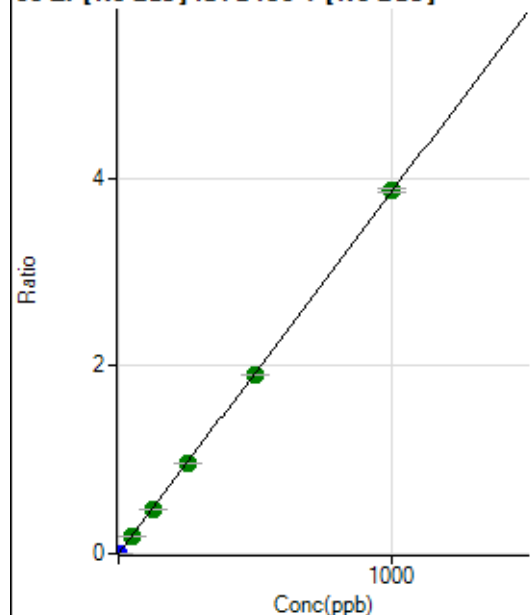
$$DL = 0.002105$$

$$BEC = 0.007326$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	814.48	0.0001	P	1.9
2	☐	1.000	1.033	49935.68	0.0040	P	1.2
3	☐	50.000	49.968	2375930.00	0.1926	A	1.9
4	☐	125.000	122.605	5695254.99	0.4726	A	1.4
5	☐	250.000	249.262	11384533.02	0.9607	A	0.8
6	☐	500.000	494.243	22452631.89	1.9048	A	0.7
7	☐	1000.000	1003.364	45236918.77	3.8668	A	1.1
8	☐			20609.72	0.0018	P	1.8

$$y = 0.0039 * x + 6.6382E-005$$

$$R = 1.0000$$

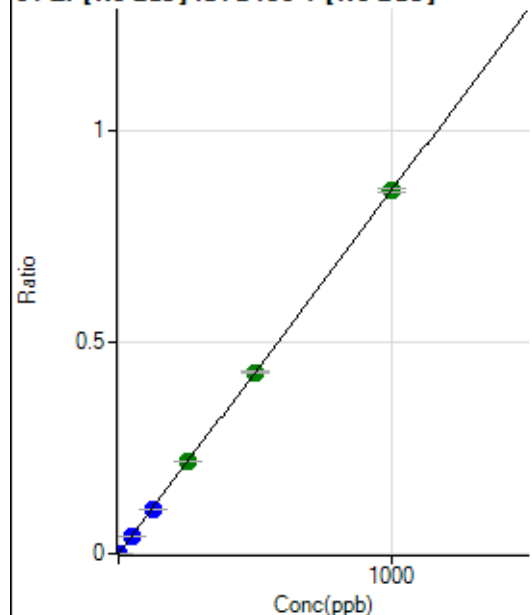
$$DL = 0.001004$$

$$BEC = 0.01723$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	156.67	0.0000	P	8.7
2	☐	1.000	1.024	10979.96	0.0009	P	1.3
3	☐	50.000	48.002	507081.42	0.0411	P	2.2
4	☐	125.000	120.703	1245829.92	0.1034	P	0.9
5	☐	250.000	255.230	2590155.57	0.2186	A	1.1
6	☐	500.000	500.022	5047013.33	0.4282	A	0.9
7	☐	1000.000	999.319	10010848.88	0.8557	A	0.9
8	☐			4574.13	0.0004	P	0.8

$$y = 8.5627E-004 * x + 1.2768E-005$$

$$R = 1.0000$$

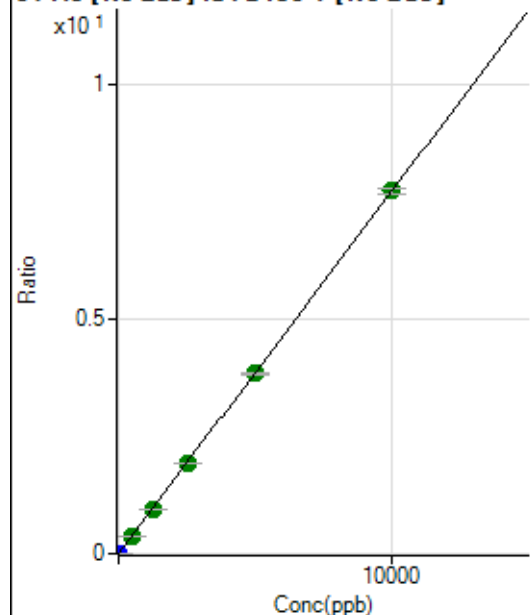
$$DL = 0.003874$$

$$BEC = 0.01491$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	402.23	0.0000	P	6.2
2	☐	5.000	6.085	58415.21	0.0047	P	1.9
3	☐	500.000	491.018	4678553.02	0.3793	A	1.2
4	☐	1250.000	1228.044	11433836.49	0.9486	A	0.8
5	☐	2500.000	2499.680	22883007.44	1.9309	A	0.5
6	☐	5000.000	4966.153	45219938.77	3.8361	A	0.7
7	☐	10000.000	10020.196	90549914.21	7.7401	A	1.4
8	☐			17161.78	0.0015	P	1.5

$$y = 7.7245E-004 * x + 3.2764E-005$$

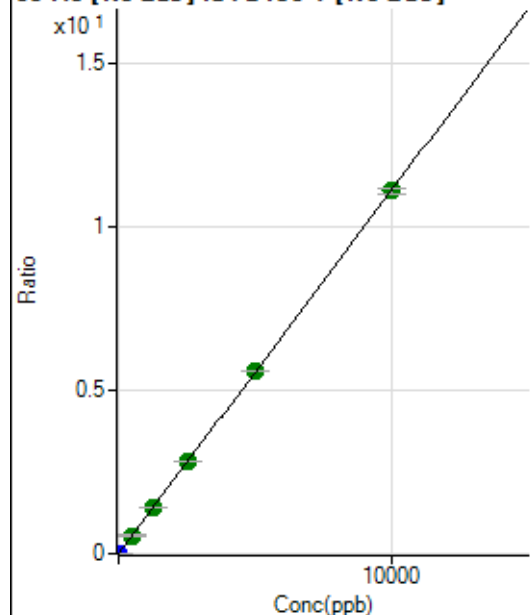
$$R = 1.0000$$

$$DL = 0.007922$$

$$BEC = 0.04242$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	243.34	0.0000	P	17.4
2	☐	5.000	5.166	70988.80	0.0058	P	1.8
3	☐	500.000	499.951	6842170.80	0.5548	A	1.5
4	☐	1250.000	1248.153	16692340.73	1.3849	A	0.2
5	☐	2500.000	2529.371	33259039.22	2.8065	A	0.9
6	☐	5000.000	5014.531	65587822.91	5.5640	A	0.4
7	☐	10000.000	9985.625	129617905.85	11.0798	A	1.4
8	☐			16558.84	0.0015	P	3.4

$$y = 0.0011 * x + 1.9833E-005$$

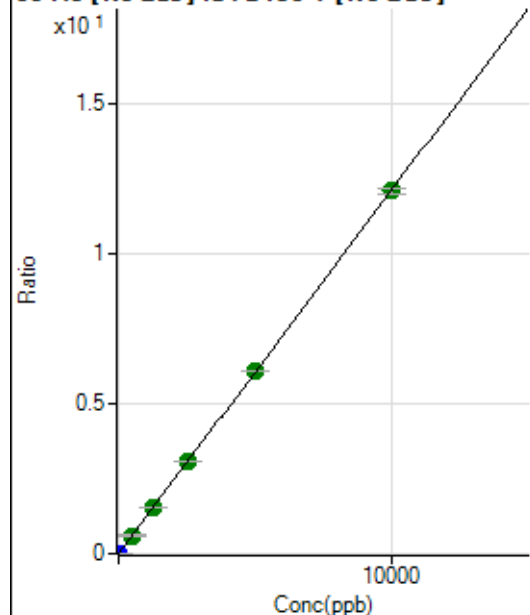
$$R = 1.0000$$

$$DL = 0.009342$$

$$BEC = 0.01787$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	273.34	0.0000	P	5.8
2	☐	5.000	5.278	79031.90	0.0064	P	1.4
3	☐	500.000	501.056	7471579.89	0.6058	A	2.5
4	☐	1250.000	1251.614	18239361.95	1.5133	A	0.7
5	☐	2500.000	2525.729	36191246.68	3.0538	A	0.7
6	☐	5000.000	5023.866	71602790.60	6.0743	A	0.8
7	☐	10000.000	9981.380	141190415.68	12.0683	A	1.3
8	☐			30072.65	0.0027	P	1.6

$$y = 0.0012 * x + 2.2266E-005$$

$$R = 1.0000$$

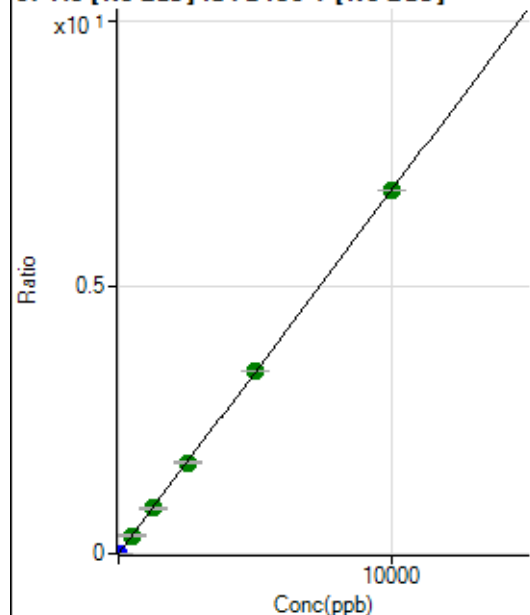
$$DL = 0.003179$$

$$BEC = 0.01842$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	128.89	0.0000	P	16.5
2	☐	5.000	5.216	44024.05	0.0036	P	1.2
3	☐	500.000	500.328	4206664.38	0.3411	A	3.2
4	☐	1250.000	1247.768	10252999.64	0.8507	A	1.4
5	☐	2500.000	2512.565	20301067.20	1.7130	A	0.9
6	☐	5000.000	5021.755	40358375.51	3.4237	A	0.7
7	☐	10000.000	9986.244	79654395.48	6.8084	A	0.1
8	☐			10072.62	0.0009	P	3.6

$$y = 6.8178\text{E-}004 * x + 1.0520\text{E-}005$$

$$R = 1.0000$$

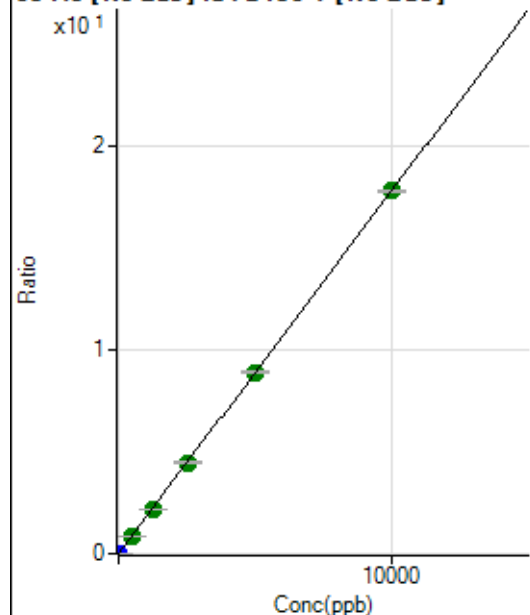
$$DL = 0.007617$$

$$BEC = 0.01543$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	308.90	0.0000	P	4.0
2	☐	5.000	5.132	113072.00	0.0092	P	1.0
3	☐	500.000	493.835	10843106.44	0.8791	A	1.6
4	☐	1250.000	1236.609	26532186.55	2.2014	A	1.1
5	☐	2500.000	2505.588	52856901.99	4.4604	A	1.1
6	☐	5000.000	4992.481	104761511.77	8.8874	A	0.8
7	☐	10000.000	10004.345	208350056.89	17.8093	A	0.9
8	☐			24718.78	0.0022	P	4.2

$$y = 0.0018 * x + 2.5174\text{E-}005$$

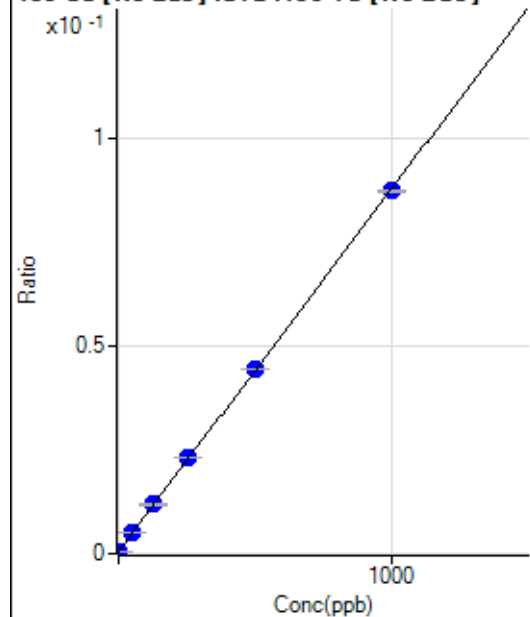
$$R = 1.0000$$

$$DL = 0.00171$$

$$BEC = 0.01414$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	4258.48	0.0005	P	2.6
2	☐	1.000	1.060	5015.41	0.0006	P	5.9
3	☐	50.000	52.955	41909.05	0.0051	P	1.4
4	☐	125.000	129.491	97125.17	0.0118	P	1.4
5	☐	250.000	258.131	186879.72	0.0231	P	0.8
6	☐	500.000	504.788	362139.70	0.0446	P	0.4
7	☐	1000.000	994.864	699669.29	0.0874	P	0.8
8	☐			4093.99	0.0005	P	0.4

$$y = 8.7360\text{E-}005 * x + 5.1977\text{E-}004$$

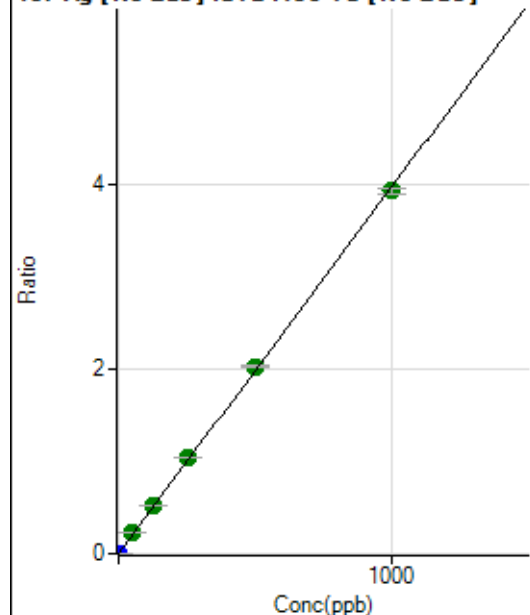
$$R = 0.9999$$

$$DL = 0.4559$$

$$BEC = 5.95$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	132.23	0.0000	P	27.6
2	☐	1.000	1.084	35365.23	0.0043	P	2.8
3	☐	50.000	55.928	1807847.44	0.2220	A	2.2
4	☐	125.000	132.074	4303369.14	0.5242	A	0.5
5	☐	250.000	263.612	8475892.51	1.0463	A	0.4
6	☐	500.000	510.721	16452589.48	2.0271	A	0.5
7	☐	1000.000	990.056	31444848.98	3.9296	A	1.3
8	☐			2940.35	0.0004	P	7.8

$$y = 0.0040 * x + 1.6153\text{E-}005$$

$$R = 0.9998$$

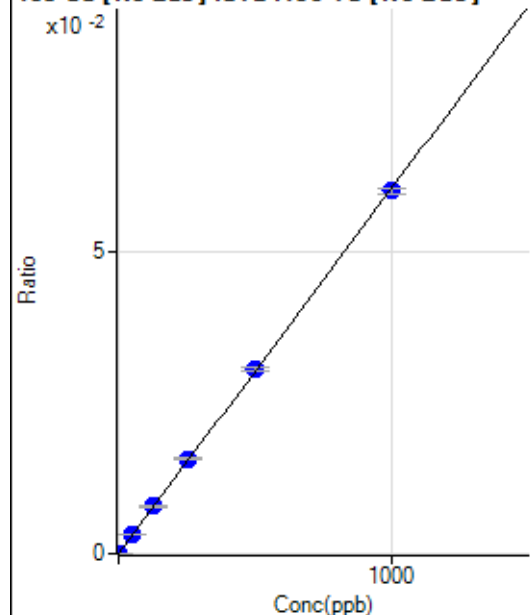
$$DL = 0.003364$$

$$BEC = 0.00407$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	8.89	0.0000	P	58.0
2	☐	1.000	0.996	503.35	0.0001	P	15.5
3	☐	50.000	53.696	26486.57	0.0033	P	1.1
4	☐	125.000	129.540	64392.83	0.0078	P	1.5
5	☐	250.000	259.863	127472.61	0.0157	P	0.7
6	☐	500.000	506.020	248674.50	0.0306	P	1.5
7	☐	1000.000	993.772	481521.89	0.0602	P	1.3
8	☐			171.11	0.0000	P	13.6

$$y = 6.0550\text{E-}005 * x + 1.0898\text{E-}006$$

$$R = 0.9999$$

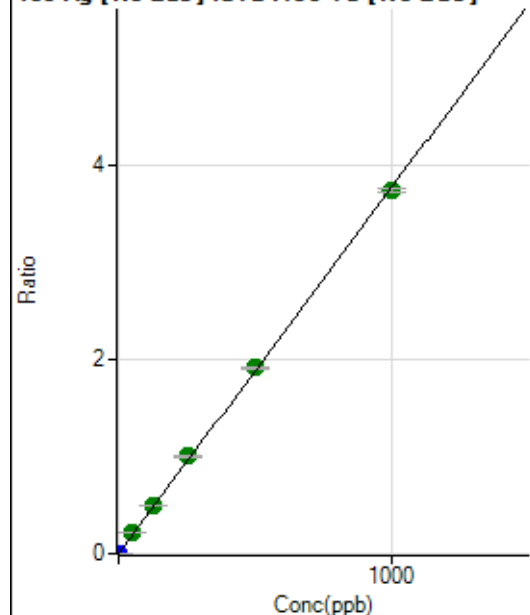
$$DL = 0.0313$$

$$BEC = 0.018$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	54.44	0.0000	P	44.8
2	☐	1.000	1.093	33739.05	0.0041	P	0.9
3	☐	50.000	55.643	1704529.56	0.2093	A	0.6
4	☐	125.000	132.610	4094398.31	0.4988	A	1.5
5	☐	250.000	265.638	8093721.96	0.9992	A	1.0
6	☐	500.000	507.251	15484296.43	1.9080	A	1.5
7	☐	1000.000	991.231	29838416.22	3.7284	A	1.2
8	☐			2823.65	0.0004	P	7.2

$$y = 0.0038 * x + 6.6228\text{E-}006$$

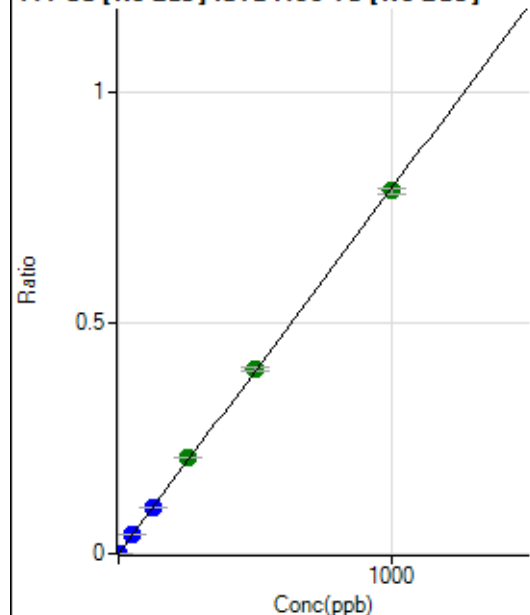
$$R = 0.9998$$

$$DL = 0.002367$$

$$BEC = 0.001761$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	3011.38	0.0004	P	2.2
2	☐	1.000	1.115	10238.11	0.0013	P	3.1
3	☐	50.000	51.755	336626.16	0.0413	P	0.6
4	☐	125.000	126.100	822361.53	0.1002	P	0.7
5	☐	250.000	264.327	1697883.74	0.2096	A	0.8
6	☐	500.000	505.456	3249953.89	0.4005	A	1.5
7	☐	1000.000	993.465	6295162.75	0.7867	A	1.8
8	☐			3686.06	0.0005	P	2.9

$$y = 7.9154\text{E-}004 * x + 3.6756\text{E-}004$$

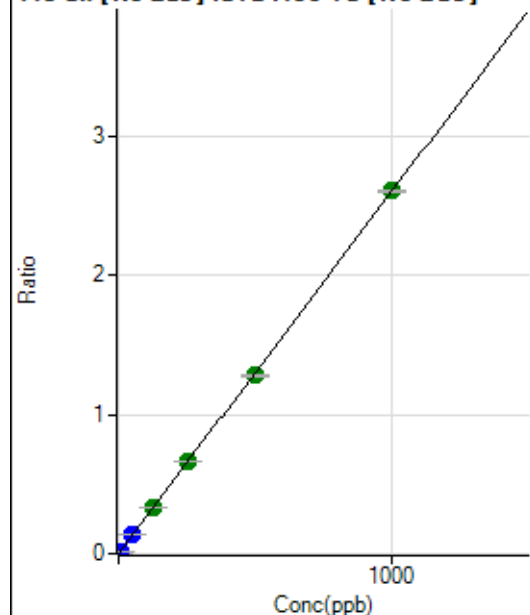
$$R = 0.9999$$

$$DL = 0.03106$$

$$BEC = 0.4644$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	3821.69	0.0005	P	3.9
2	☐	5.000	5.235	115276.64	0.0141	P	1.4
3	☐	50.000	50.909	1081634.74	0.1328	P	0.6
4	☐	125.000	127.496	2724508.26	0.3319	A	1.4
5	☐	250.000	254.528	5363782.98	0.6622	A	1.1
6	☐	500.000	491.916	10382514.71	1.2793	A	0.8
7	☐	1000.000	1002.551	20860527.05	2.6068	A	0.8
8	☐			6342.64	0.0008	P	4.8

$$y = 0.0026 * x + 4.6632\text{E-}004$$

$$R = 0.9999$$

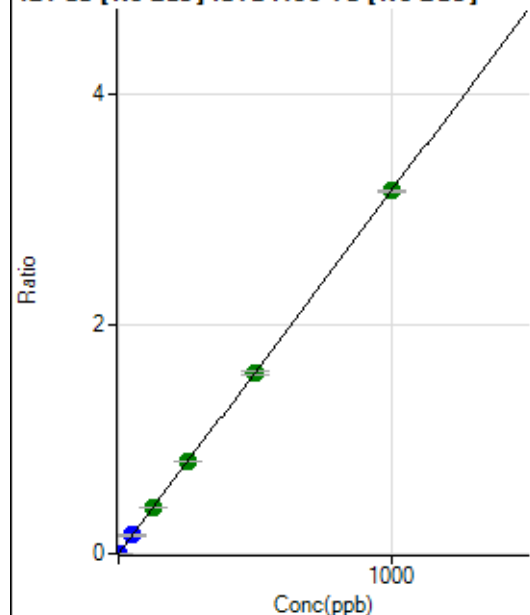
$$DL = 0.0212$$

$$BEC = 0.1794$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	60.00	0.0000	P	20.1
2	☐	2.000	2.102	54483.45	0.0067	P	1.6
3	☐	50.000	50.417	1298039.94	0.1594	P	0.6
4	☐	125.000	126.848	3291595.40	0.4010	A	0.7
5	☐	250.000	254.409	6514502.82	0.8042	A	1.2
6	☐	500.000	497.905	12772876.48	1.5739	A	2.0
7	☐	1000.000	999.693	25290589.07	3.1601	A	0.9
8	☐			13359.95	0.0017	P	3.5

$$y = 0.0032 * x + 7.3296E-006$$

$$R = 1.0000$$

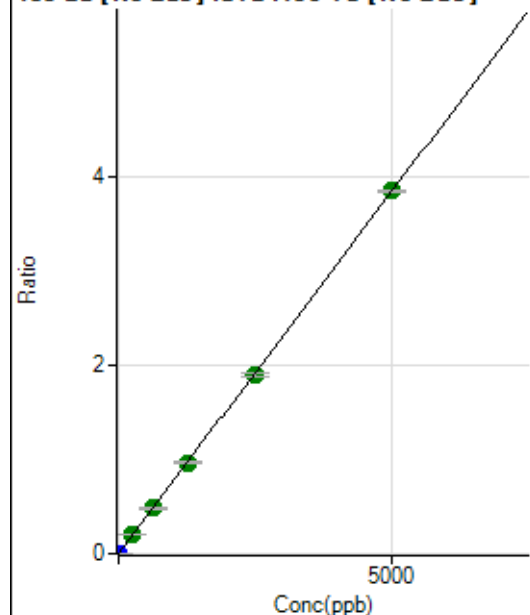
$$DL = 0.001396$$

$$BEC = 0.002319$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	136.67	0.0000	P	21.8
2	☐	10.000	10.408	65450.39	0.0080	P	1.5
3	☐	250.000	259.061	1616943.66	0.1985	A	2.2
4	☐	625.000	626.828	3943167.72	0.4804	A	1.5
5	☐	1250.000	1261.926	7834024.88	0.9671	A	0.6
6	☐	2500.000	2464.104	15325024.77	1.8884	A	1.8
7	☐	5000.000	5014.284	30751443.43	3.8427	A	0.3
8	☐			11933.13	0.0016	P	1.3

$$y = 7.6634E-004 * x + 1.6707E-005$$

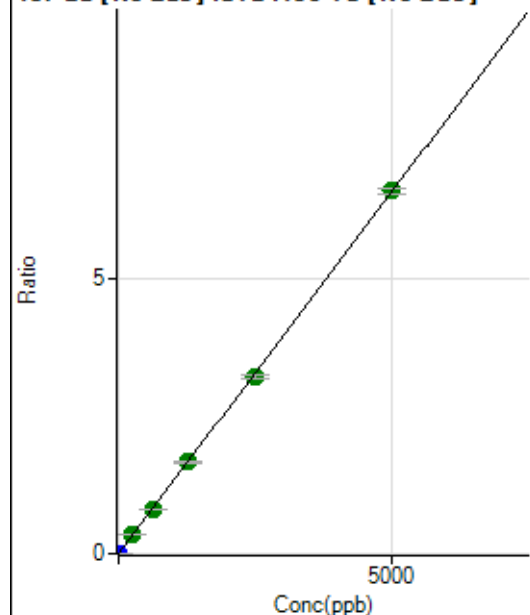
$$R = 1.0000$$

$$DL = 0.01428$$

$$BEC = 0.0218$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	244.45	0.0000	P	10.6
2	☐	10.000	10.481	113286.92	0.0138	P	0.8
3	☐	250.000	257.718	2764367.63	0.3394	A	1.3
4	☐	625.000	617.596	6677186.08	0.8134	A	0.7
5	☐	1250.000	1265.930	13506337.85	1.6673	A	0.6
6	☐	2500.000	2457.460	26265571.55	3.2366	A	2.1
7	☐	5000.000	5017.826	52879976.99	6.6086	A	1.6
8	☐			20643.60	0.0027	P	1.9

$$y = 0.0013 * x + 2.9824E-005$$

$$R = 0.9999$$

$$DL = 0.007189$$

$$BEC = 0.02265$$

Weight: <None>

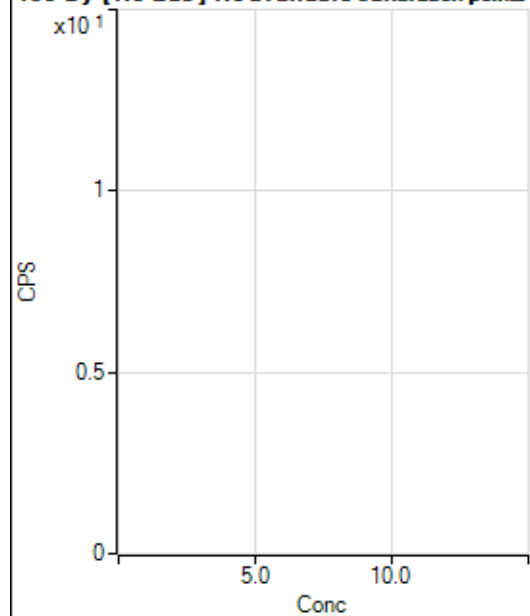
Min Conc: 0

150 Nd [No Gas] No available calibration points

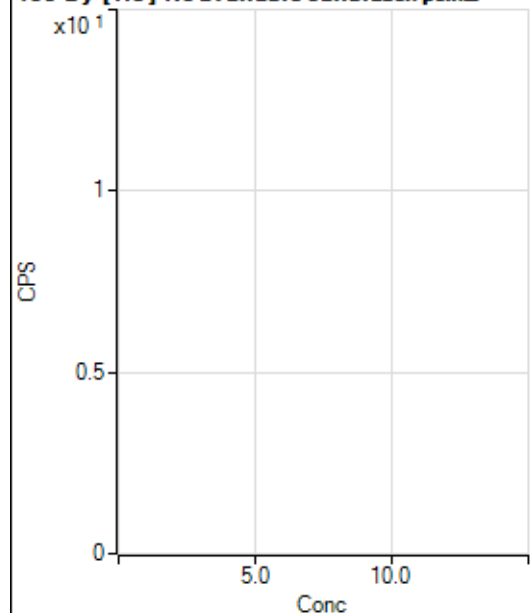
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			15.56		P	98.9
2	☐			20.00		P	76.4
3	☐			111.11		P	20.0
4	☐			282.23		P	3.4
5	☐			534.46		P	2.6
6	☐			1035.61		P	6.5
7	☐			1960.17		P	2.6
8	☐			465.57		P	5.0

150 Nd [He] No available calibration points

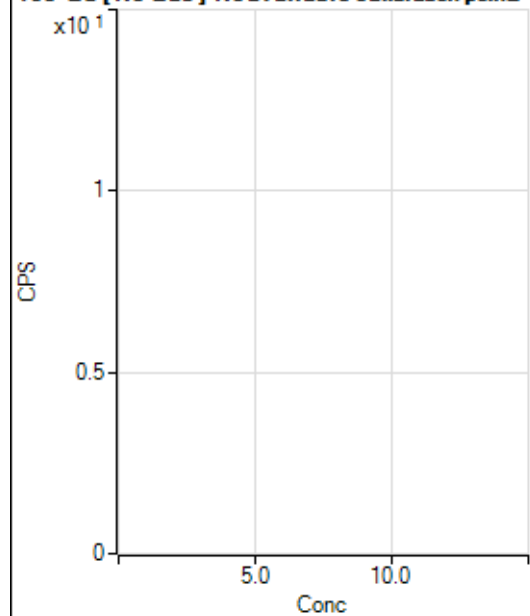
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			3.33		P	0.0
2	☐			1.11		P	173.
3	☐			8.89		P	108.
4	☐			12.22		P	15.7
5	☐			25.55		P	27.1
6	☐			44.44		P	18.9
7	☐			86.67		P	41.6
8	☐			133.34		P	10.9

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			15.56		P	53.9
2	☐			23.33		P	62.3
3	☐			45.55		P	29.6
4	☐			82.22		P	28.8
5	☐			145.56		P	1.3
6	☐			241.12		P	14.8
7	☐			541.13		P	5.8
8	☐			883.37		P	3.4

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			2.22		P	86.6
2	☐			6.66		P	86.6
3	☐			10.00		P	33.3
4	☐			13.33		P	50.0
5	☐			26.67		P	37.5
6	☐			62.22		P	20.3
7	☐			77.78		P	17.3
8	☐			303.34		P	4.8

160 Gd [No Gas] Noavailable calibration poin_

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			81.11		P	24.8
2	☐			82.22		P	10.2
3	☐			84.44		P	29.6
4	☐			81.11		P	10.3
5	☐			122.22		P	14.0
6	☐			157.78		P	2.4
7	☐			287.79		P	15.1
8	☐			821.15		P	4.2

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			7.78		P	49.5
2	☐			24.44		P	39.4
3	☐			32.22		P	21.5
4	☐			27.78		P	36.7
5	☐			28.89		P	48.0
6	☐			56.67		P	20.4
7	☐			83.33		P	28.0
8	☐			363.34		P	6.6

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			64.44		P	29.4
2	☐			50.00		P	48.1
3	☐			71.11		P	17.7
4	☐			73.33		P	27.6
5	☐			133.34		P	25.0
6	☐			191.11		P	13.2
7	☐			296.67		P	8.8
8	☐			1008.94		P	6.0

164 Er [He] No available calibration points

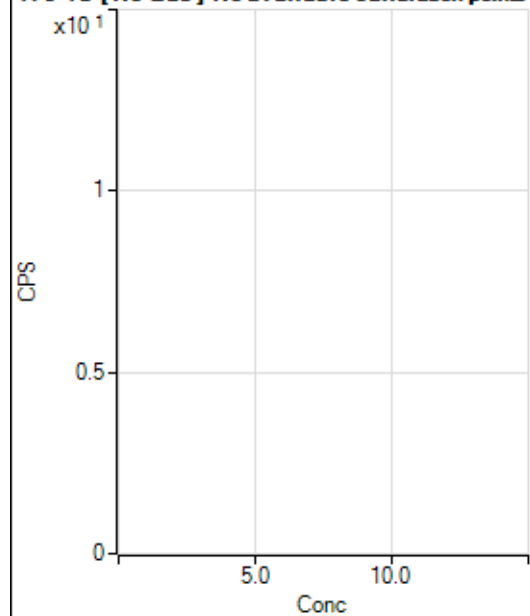
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			27.78		P	18.3
2	☐			17.78		P	10.8
3	☐			27.78		P	30.2
4	☐			33.34		P	17.3
5	☐			35.56		P	23.6
6	☐			63.33		P	43.1
7	☐			125.56		P	15.6
8	☐			430.01		P	11.9

172 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			50.00		P	41.6
2	☐			40.00		P	74.1
3	☐			74.44		P	6.8
4	☐			78.89		P	25.8
5	☐			131.11		P	6.4
6	☐			200.01		P	7.6
7	☐			370.01		P	7.9
8	☐			1680.12		P	1.7

172 Yb [He] No available calibration points

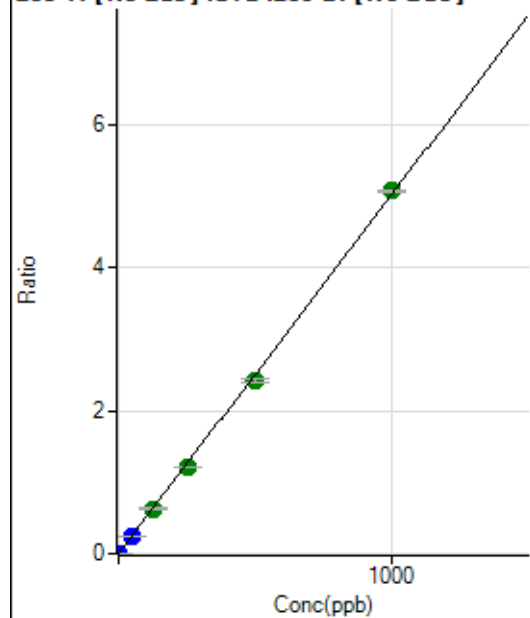
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			18.89		P	27.0
2	☐			20.00		P	60.1
3	☐			25.55		P	15.1
4	☐			54.44		P	36.9
5	☐			57.78		P	14.5
6	☐			108.89		P	15.7
7	☐			190.00		P	14.4
8	☐			778.92		P	8.1

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			1128.95		P	3.6
2	☐			1103.39		P	8.7
3	☐			6412.74		P	3.5
4	☐			14473.57		P	0.8
5	☐			27927.37		P	1.1
6	☐			54717.16		P	0.9
7	☐			108071.22		P	1.5
8	☐			1986.84		P	2.0

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			348.90		P	2.2
2	☐			332.23		P	11.6
3	☐			2528.05		P	3.8
4	☐			5633.47		P	2.3
5	☐			11321.60		P	0.7
6	☐			21923.79		P	1.0
7	☐			43324.18		P	1.3
8	☐			741.14		P	7.5

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	150.00	0.0000	P	15.8
2	☐	1.000	0.980	23828.52	0.0050	P	1.0
3	☐	50.000	47.195	1136293.60	0.2372	P	0.9
4	☐	125.000	124.870	2993094.30	0.6274	A	2.0
5	☐	250.000	241.813	5755520.54	1.2150	A	0.7
6	☐	500.000	481.877	11414823.16	2.4212	A	2.3
7	☐	1000.000	1011.265	22498381.61	5.0810	A	0.8
8	☐			1669.02	0.0004	P	13.8

$$y = 0.0050 * x + 3.1100E-005$$

$$R = 0.9997$$

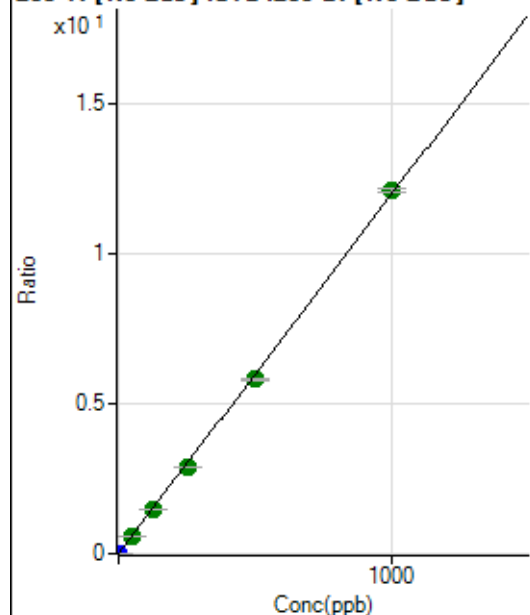
$$DL = 0.002936$$

$$BEC = 0.00619$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	334.45	0.0001	P	7.4
2	☐	1.000	0.998	57735.68	0.0120	P	1.1
3	☐	50.000	49.611	2844948.64	0.5938	A	0.7
4	☐	125.000	122.150	6973431.84	1.4618	A	0.8
5	☐	250.000	241.751	13704708.40	2.8930	A	0.1
6	☐	500.000	484.726	27349329.87	5.8006	A	1.7
7	☐	1000.000	1010.075	53521736.98	12.0873	A	1.0
8	☐			3797.26	0.0010	P	14.4

$$y = 0.0120 * x + 6.9414E-005$$

$$R = 0.9998$$

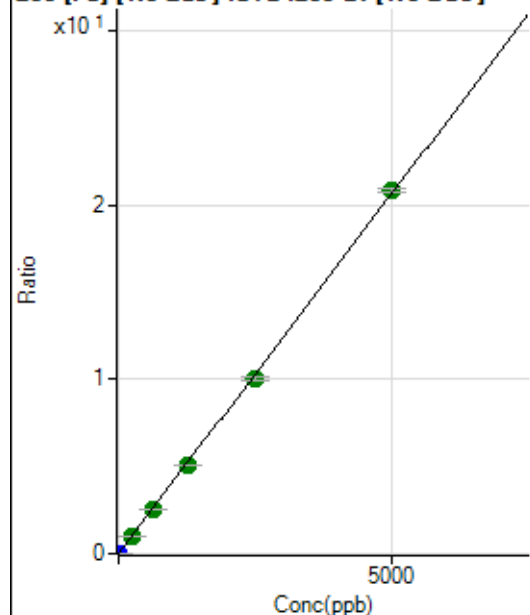
$$DL = 0.001287$$

$$BEC = 0.005801$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	817.82	0.0002	P	4.6
2	☐	1.000	0.974	20152.44	0.0042	P	2.3
3	☐	250.000	248.447	4915983.82	1.0260	A	1.0
4	☐	625.000	614.260	12100268.43	2.5365	A	2.1
5	☐	1250.000	1223.578	23934797.42	5.0525	A	0.6
6	☐	2500.000	2429.744	47301899.30	10.0329	A	2.0
7	☐	5000.000	5043.154	92205643.07	20.8240	A	1.0
8	☐			95036.53	0.0240	P	0.3

$$y = 0.0041 * x + 1.6976E-004$$

$$R = 0.9998$$

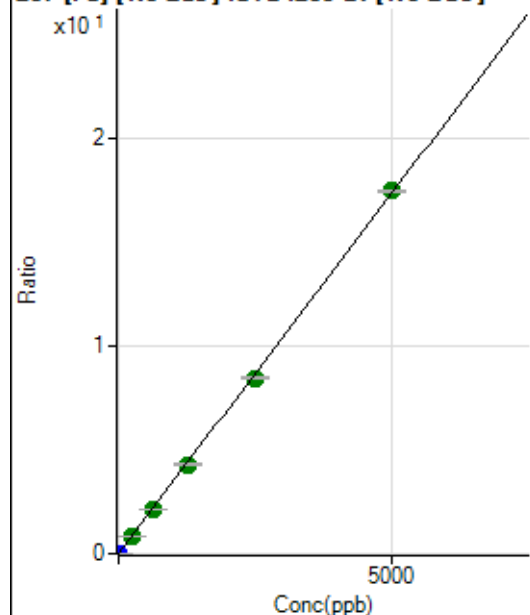
$$DL = 0.005684$$

$$BEC = 0.04111$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	683.36	0.0001	P	12.5
2	☐	1.000	1.000	17330.63	0.0036	P	0.5
3	☐	250.000	249.131	4135096.85	0.8630	A	0.3
4	☐	625.000	613.599	10138265.40	2.1252	A	1.9
5	☐	1250.000	1237.640	20304832.75	4.2865	A	1.1
6	☐	2500.000	2437.617	39808471.35	8.4424	A	1.5
7	☐	5000.000	5035.750	77230880.51	17.4406	A	0.5
8	☐			80949.72	0.0204	P	1.6

$$y = 0.0035 * x + 1.4175E-004$$

$$R = 0.9999$$

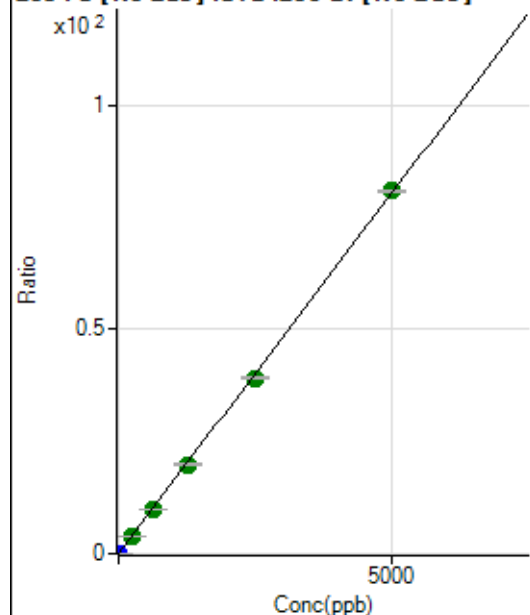
$$DL = 0.01532$$

$$BEC = 0.04093$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	3317.99	0.0007	P	4.1
2	☐	1.000	0.984	79262.69	0.0165	P	0.8
3	☐	250.000	247.778	19065397.11	3.9792	A	1.1
4	☐	625.000	611.232	46822122.91	9.8151	A	1.1
5	☐	1250.000	1237.613	94135249.43	19.8727	A	1.1
6	☐	2500.000	2440.774	184793506.97	39.1915	A	1.6
7	☐	5000.000	5034.541	357963680.78	80.8388	A	0.8
8	☐			373194.52	0.0942	P	0.6

$$y = 0.0161 * x + 6.8854E-004$$

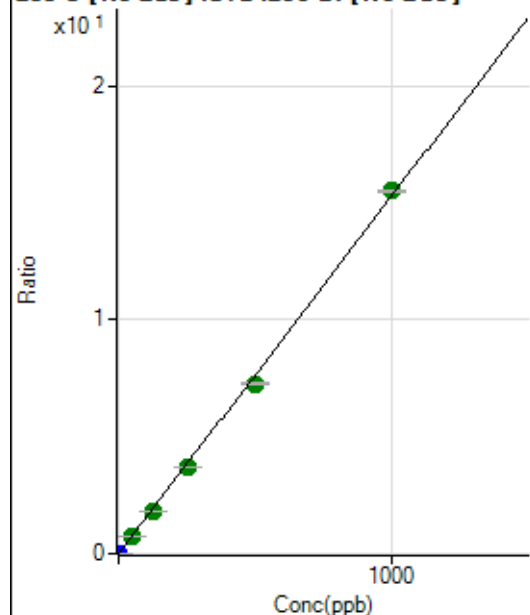
$$R = 0.9999$$

$$DL = 0.005224$$

$$BEC = 0.04288$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	356.68	0.0001	P	3.0
2	☐	1.000	0.967	71289.69	0.0148	P	1.8
3	☐	50.000	47.799	3496869.36	0.7298	A	1.5
4	☐	125.000	116.405	8477872.31	1.7771	A	0.8
5	☐	250.000	242.350	17526306.40	3.6999	A	1.1
6	☐	500.000	476.014	34267891.43	7.2671	A	1.8
7	☐	1000.000	1015.090	68620514.53	15.4968	A	0.8
8	☐			2721.44	0.0007	P	9.4

$$y = 0.0153 * x + 7.4021E-005$$

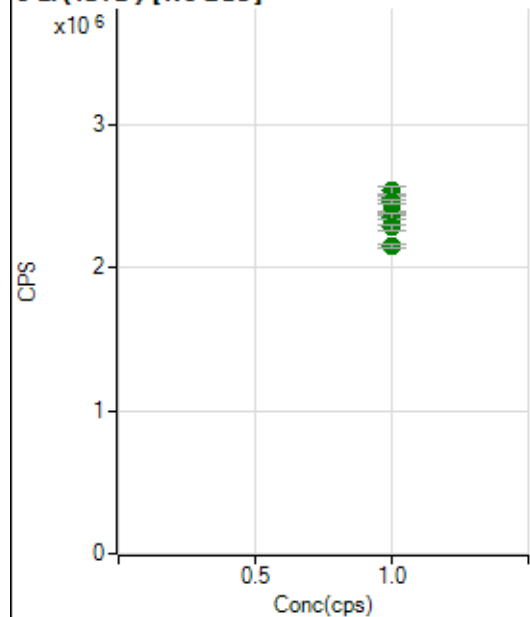
$$R = 0.9995$$

$$DL = 0.000437$$

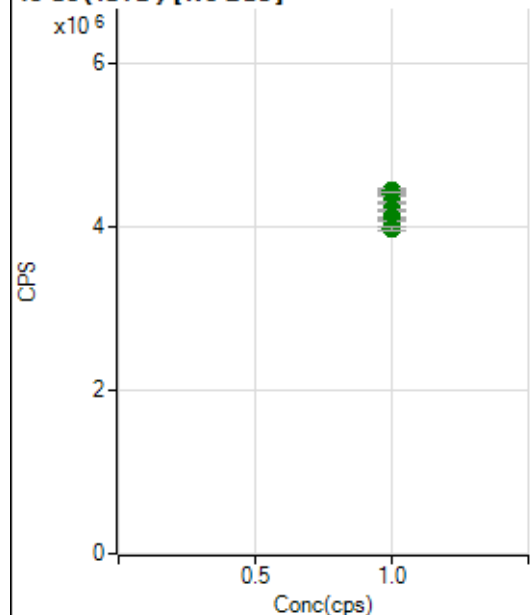
$$BEC = 0.004849$$

Weight: <None>

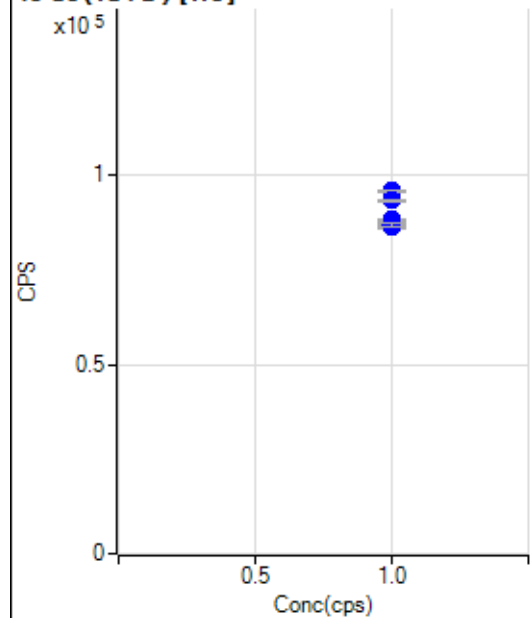
Min Conc: 0

6 Li (ISTD) [No Gas]

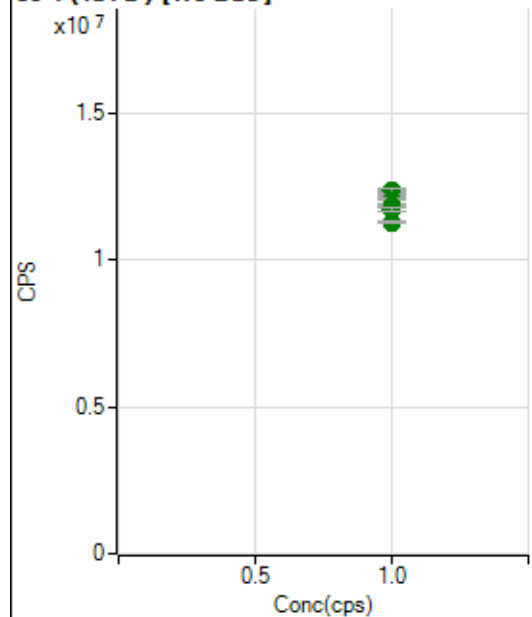
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		2438232.31		A	0.1
2	☐	1.000		2480985.12		A	1.3
3	☐	1.000		2532588.98		A	2.0
4	☐	1.000		2457704.59		A	1.0
5	☐	1.000		2375057.78		A	0.8
6	☐	1.000		2354361.26		A	1.4
7	☐	1.000		2275811.25		A	1.7
8	☐	1.000		2151548.82		A	1.3

45 Sc (ISTD) [No Gas]

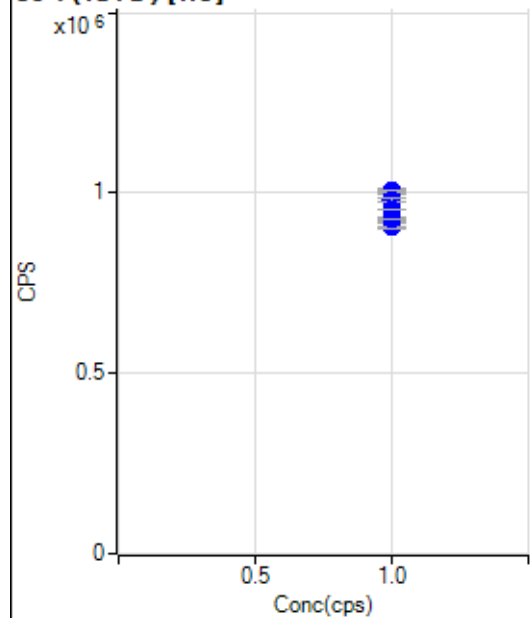
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		4416447.54		A	1.3
2	☐	1.000		4437990.77		A	1.0
3	☐	1.000		4394038.75		A	0.8
4	☐	1.000		4299168.79		A	0.4
5	☐	1.000		4202834.52		A	0.6
6	☐	1.000		4105049.97		A	0.8
7	☐	1.000		4069294.25		A	0.5
8	☐	1.000		3979607.75		A	1.3

45 Sc (ISTD) [He]

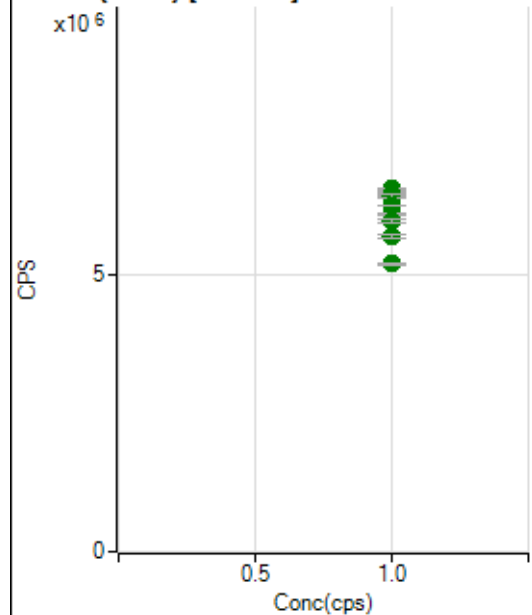
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		95834.34		P	0.3
2	☐	1.000		96011.25		P	0.5
3	☐	1.000		93613.25		P	0.5
4	☐	1.000		88313.45		P	0.9
5	☐	1.000		87074.91		P	0.4
6	☐	1.000		86300.12		P	0.4
7	☐	1.000		87700.80		P	0.9
8	☐	1.000		87003.39		P	0.8

89 Y (ISTD) [No Gas]

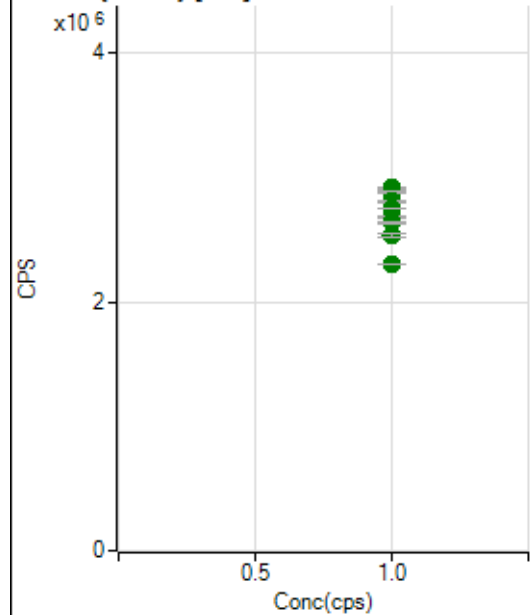
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		12271853.15		A	1.5
2	☐	1.000		12342734.40		A	0.4
3	☐	1.000		12335333.29		A	1.3
4	☐	1.000		12052927.04		A	0.8
5	☐	1.000		11851221.07		A	1.0
6	☐	1.000		11788042.60		A	0.7
7	☐	1.000		11699518.99		A	0.9
8	☐	1.000		11272170.94		A	0.8

89 Y (ISTD) [He]

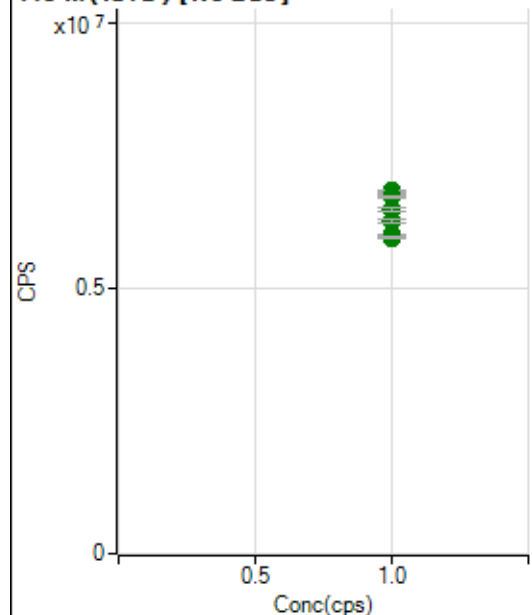
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		1005162.72		P	1.3
2	☐	1.000		1005859.73		P	0.4
3	☐	1.000		981798.09		P	1.1
4	☐	1.000		953677.07		P	0.4
5	☐	1.000		928164.30		P	0.5
6	☐	1.000		917869.60		P	0.6
7	☐	1.000		904134.99		P	0.5
8	☐	1.000		928225.60		P	0.2

103 Rh (ISTD) [No Gas]

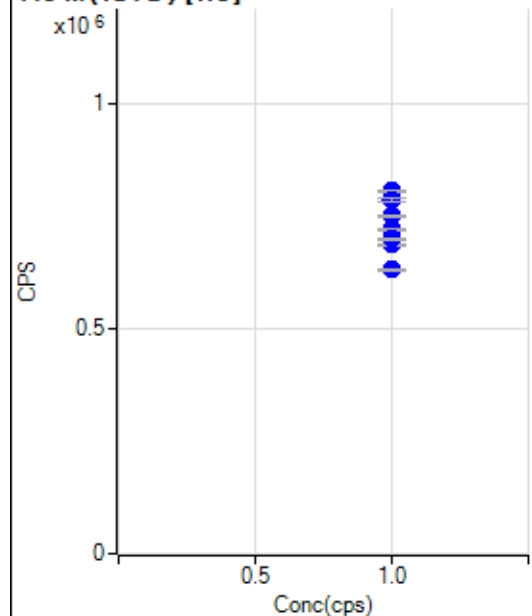
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		6544194.21		A	0.4
2	☐	1.000		6447966.50		A	0.8
3	☐	1.000		6417559.00		A	1.2
4	☐	1.000		6245842.27		A	0.4
5	☐	1.000		6079843.24		A	0.7
6	☐	1.000		5972289.98		A	0.9
7	☐	1.000		5696466.93		A	1.1
8	☐	1.000		5194333.85		A	0.7

103 Rh (ISTD) [He]

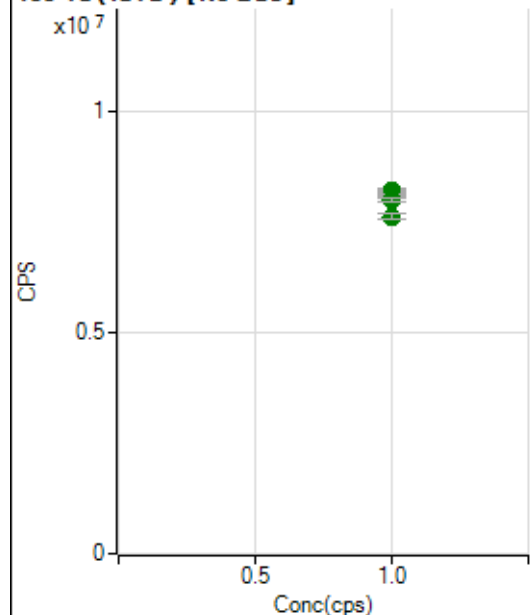
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		2917466.66		A	0.6
2	☐	1.000		2886364.23		A	0.8
3	☐	1.000		2807344.92		A	0.8
4	☐	1.000		2756335.90		A	0.3
5	☐	1.000		2680653.82		A	0.8
6	☐	1.000		2637841.94		A	0.8
7	☐	1.000		2532270.83		A	1.3
8	☐	1.000		2302953.68		A	0.3

115 In (ISTD) [No Gas]

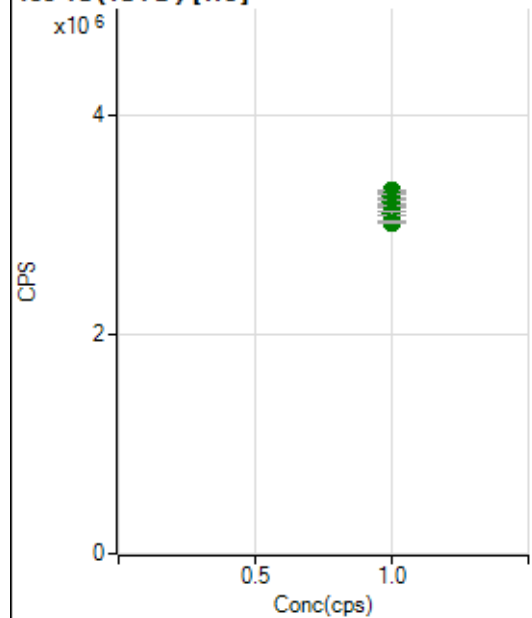
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		6816040.31		A	0.9
2	☐	1.000		6778150.29		A	0.5
3	☐	1.000		6834320.77		A	0.2
4	☐	1.000		6728901.06		A	0.5
5	☐	1.000		6483529.54		A	1.0
6	☐	1.000		6271079.33		A	1.3
7	☐	1.000		6007644.06		A	0.2
8	☐	1.000		5946134.40		A	0.8

115 In (ISTD) [He]

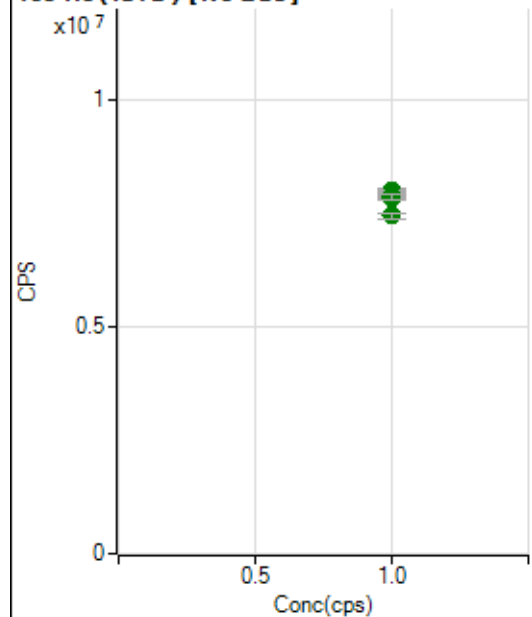
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		804672.08		P	0.7
2	☐	1.000		806663.45		P	0.7
3	☐	1.000		785896.86		P	0.9
4	☐	1.000		751897.39		P	0.4
5	☐	1.000		721217.96		P	0.3
6	☐	1.000		687138.48		P	0.6
7	☐	1.000		631491.59		P	0.5
8	☐	1.000		700456.15		P	0.5

159 Tb (ISTD) [No Gas]

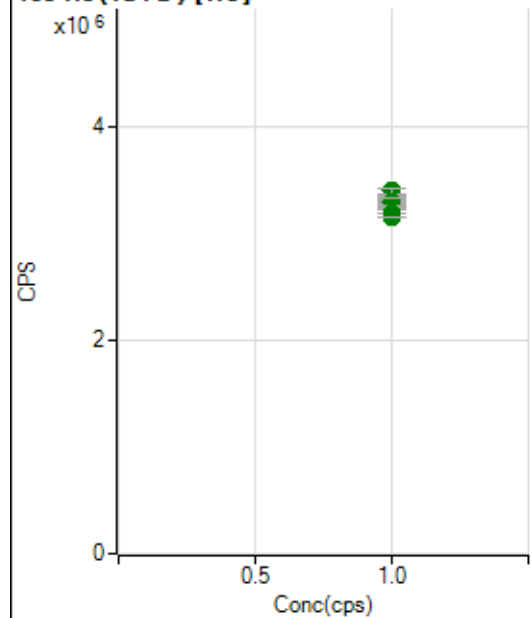
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		8194103.97		A	1.3
2	☐	1.000		8189867.03		A	1.1
3	☐	1.000		8144191.34		A	0.7
4	☐	1.000		8208978.63		A	0.7
5	☐	1.000		8100685.44		A	0.4
6	☐	1.000		8116243.28		A	0.9
7	☐	1.000		8002818.56		A	1.3
8	☐	1.000		7636089.47		A	1.4

159 Tb (ISTD) [He]

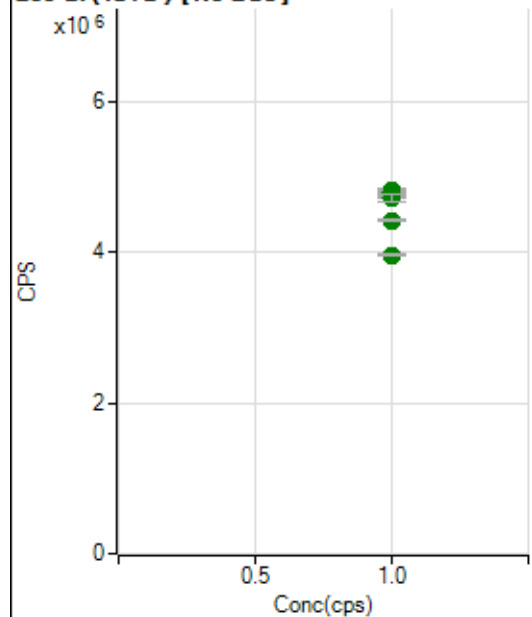
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		3277381.10		A	1.5
2	☐	1.000		3313148.25		A	0.7
3	☐	1.000		3262362.52		A	1.3
4	☐	1.000		3216163.25		A	0.9
5	☐	1.000		3156843.22		A	0.3
6	☐	1.000		3132335.44		A	2.4
7	☐	1.000		3112146.41		A	1.3
8	☐	1.000		3028902.49		A	0.6

165 Ho (ISTD) [No Gas]

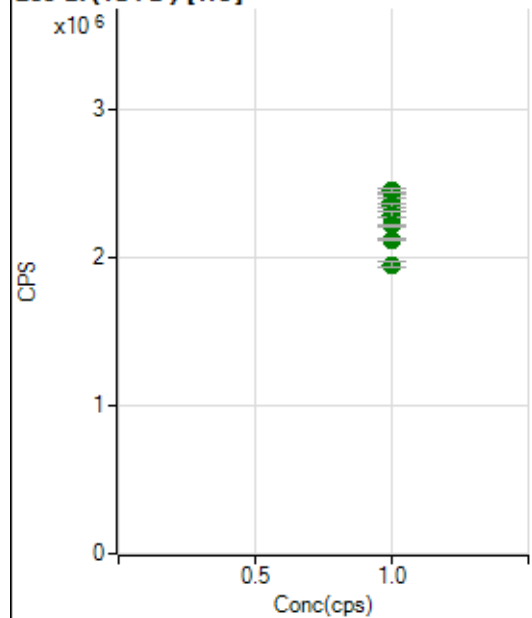
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		7944899.05		A	1.5
2	☐	1.000		7828819.33		A	1.5
3	☐	1.000		7977896.76		A	1.2
4	☐	1.000		7948131.55		A	0.7
5	☐	1.000		7872285.65		A	1.7
6	☐	1.000		7818264.88		A	1.2
7	☐	1.000		7852089.05		A	1.3
8	☐	1.000		7432932.18		A	1.5

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		3316601.93		A	1.5
2	☐	1.000		3393640.88		A	1.6
3	☐	1.000		3298856.90		A	1.2
4	☐	1.000		3296424.84		A	1.6
5	☐	1.000		3241028.43		A	1.2
6	☐	1.000		3244211.69		A	0.3
7	☐	1.000		3182836.72		A	0.3
8	☐	1.000		3150425.23		A	0.1

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		4818391.39		A	1.0
2	☐	1.000		4807746.11		A	1.2
3	☐	1.000		4791726.08		A	1.6
4	☐	1.000		4770468.02		A	0.1
5	☐	1.000		4737183.58		A	0.8
6	☐	1.000		4716036.32		A	2.2
7	☐	1.000		4428131.19		A	1.0
8	☐	1.000		3962806.54		A	0.5

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		2430855.89		A	0.8
2	☐	1.000		2448446.21		A	0.9
3	☐	1.000		2380268.71		A	1.2
4	☐	1.000		2345295.71		A	1.0
5	☐	1.000		2289205.28		A	1.5
6	☐	1.000		2216250.05		A	0.6
7	☐	1.000		2119794.86		A	1.0
8	☐	1.000		1950406.15		A	1.7

US EPA Tune Check Report

Operator Name Jaswal

Acq/Data Batch D:\Agilent\ICPMH\1\DATA\P8041425 MS.b

Acq. Date-Time 2025-04-14 14:32:34

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		68645	686449.75			0.715	5.000
24		314827	3148273.48			1.302	5.000
25		43357	433571.09			1.425	5.000
26		50641	506406.52			1.449	5.000
59		287787	2877871.40			1.247	5.000
113		33261	332605.78			0.488	5.000
115		425530	4255298.44			1.129	5.000
206		93665	936654.65			0.944	5.000
207		75708	757078.73			0.897	5.000
208		191066	1910664.45			0.802	5.000
220		1	5.70			29.487	

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

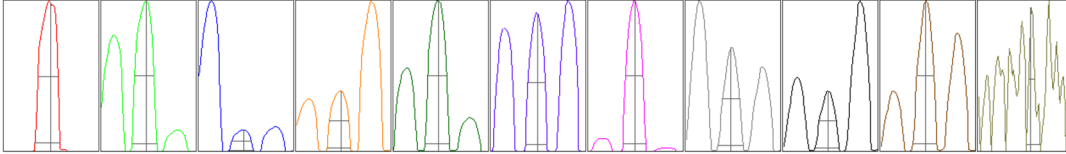
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	69339	68862	68349	68620	68055
24	322104	313264	312150	313446	313173
25	44448	42984	43034	43247	43073
26	51916	50575	50089	50360	50264
59	293311	285010	286271	284906	289438
113	33511	33263	33113	33295	33121
115	433672	420947	423653	424796	424582
206	94389	94670	92860	92695	93713
207	76689	75145	75011	75704	75990
208	193417	191273	189266	191077	190299

US EPA Tune Check Report

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

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	112783.03	9.00	8.90 - 9.10	
24	539914.13	23.95	23.90 - 24.10	
25	74858.98	24.95	24.90 - 25.10	
26	86005.14	25.95	25.90 - 26.10	
59	508220.07	58.95	58.90 - 59.10	
113	65437.58	113.00	112.90 - 113.10	
115	827372.69	115.00	114.90 - 115.10	
206	183268.52	205.95	205.90 - 206.10	
207	149775.49	206.95	206.90 - 207.10	
208	374954.20	207.95	207.90 - 208.10	
220	1.05	220.20	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.64	0.781	0.900	
24	0.62	0.782	0.900	
25	0.62	0.743	0.900	
26	0.63	0.741	0.900	
59	0.60	0.775	0.900	
113	0.54	0.685	0.900	
115	0.54	0.726	0.900	
206	0.53	0.792	0.900	
207	0.54	0.764	0.900	
208	0.54	0.759	0.900	
220	0.18	0.435		

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	9.2 V	Deflect	14.0 V
Extract 2	-215.0 V	Cell Entrance	-30 V	Plate Bias	-50 V
Omega Bias	-85 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	130 V		

QP Parameters

Mass Gain	105	Axis Gain	0.9965	QP Bias	-4.0 V
Mass Offset	126	Axis Offset	-0.01		

Hardware Settings

Torch

Torch H	0.3 mm	Torch V	-0.4 mm
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EM

Discriminator	4.6 mV	Analog HV	2203 V	Pulse HV	947 V
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[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		58730	587298.80			0.203	
89		50424	504239.51			0.532	
205		66633	666327.91			0.240	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	58811	58774	58605	58857	58602
89	50533	50465	50676	50479	49967
205	66469	66477	66825	66640	66753

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	9.2 V	Deflect	2.6 V
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US EPA Tune Check Report

Extract 2	-215.0 V	Cell Entrance	-50 V	Plate Bias	-60 V
Omega Bias	-85 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	105	Axis Gain	0.9965	QP Bias	-13.0 V
Mass Offset	126	Axis Offset	-0.01		
Hardware Settings					
Torch					
Torch H	0.3 mm	Torch V	-0.4 mm		
EM					
Discriminator	4.6 mV	Analog HV	2203 V	Pulse HV	947 V

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2025-04-14 15:05:42	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.15	-0.02	0.18	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.00	-0.01	0.01	0.00	N/A	ppb
Barium	135-1	-0.01	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	-0.01	0.01	0.00	0.00	N/A	ppb
Cadmium	106-1	-0.09	0.18	-0.09	0.00	N/A	ppb
Cadmium	111-1	-0.01	0.01	0.00	0.00	N/A	ppb
Calcium	43-1	1.39	-0.62	-0.77	0.00	N/A	ppb
Calcium	44-1	0.08	-0.33	0.26	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	0.00	0.00	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.00	0.01	-0.01	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	54-2	-0.28	0.13	0.14	0.00	N/A	ppb
Iron	56-2	-0.03	-0.06	0.09	0.00	N/A	ppb
Iron	57-2	0.02	-0.14	0.13	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2025-04-14 15:05:42	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.00	0.00	-0.01	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	0.09	0.18	-0.27	0.00	N/A	ppb
Manganese	55-2	0.13	-0.01	-0.12	0.00	N/A	ppb
Molybdenum	94-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.00	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	-0.01	0.01	0.00	N/A	ppb
Phosphorus	31-2	-15.24	-16.06	-17.55	-16.28		ppb
Potassium	39-2	1.14	-0.28	-0.86	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	0.05	-0.14	0.10	0.00	N/A	ppb
Selenium	77-2	-0.14	-0.14	0.28	0.00	N/A	ppb
Selenium	78-2	0.17	0.15	-0.32	0.00	N/A	ppb
Silicon	28-1	0.39	-0.61	0.22	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	1.13	-0.47	-0.66	0.00	N/A	ppb
Strontium	86-1	0.00	-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	102.94	-104.58	-10.10	-3.91		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	-0.01	0.00	N/A	ppb
Titanium	47-1	0.00	0.00	0.00	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2025-04-14 15:05:42	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	-0.10	0.05	0.05	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb
Zirconium	91-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2025-04-14 15:12:28	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.47	21.34	19.40	20.40	4.76	ppb
Antimony	121-1	2.07	2.11	2.13	2.10	1.64	ppb
Arsenic	75-2	1.23	1.25	1.01	1.16	11.43	ppb
Barium	135-1	10.31	10.33	10.59	10.41	1.49	ppb
Barium	137-1	10.39	10.48	10.57	10.48	0.82	ppb
Beryllium	9-1	1.21	1.24	1.20	1.22	2.01	ppb
Bismuth	209-1				100		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Cadmium	108-1	0.98	1.16	0.85	1.00	15.77	ppb
Cadmium	106-1	1.46	0.64	1.08	1.06	38.87	ppb
Cadmium	111-1	1.11	1.07	1.17	1.12	4.42	ppb
Calcium	43-1	552.29	535.93	542.11	543.44	1.52	ppb
Calcium	44-1	542.76	534.35	535.99	537.70	0.83	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.18	2.17	2.07	2.14	2.66	ppb
Cobalt	59-2	1.19	1.17	1.14	1.17	1.98	ppb
Copper	63-2	2.34	2.25	2.25	2.28	2.30	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				99		%
Holmium	165-2				102		%
Indium	115-1				99		%
Indium	115-2				100		%
Iron	54-2	60.06	57.76	53.73	57.18	5.60	ppb
Iron	56-2	56.80	55.18	53.00	55.00	3.46	ppb
Iron	57-2	55.00	54.02	52.59	53.87	2.25	ppb
Krypton	83-1						cps
Lead	206-1	0.99	0.98	0.95	0.97	2.42	ppb

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2025-04-14 15:12:28	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	1.00	1.00	0.99	1.00	0.49	ppb
Lead	208-1	0.99	0.98	0.98	0.98	0.85	ppb
Lithium	6-1				102		%
Magnesium	24-2	565.71	557.72	540.40	554.61	2.33	ppb
Manganese	55-2	0.99	1.01	0.48	0.83	36.62	ppb
Molybdenum	94-1	6.00	6.22	6.03	6.08	1.95	ppb
Molybdenum	95-1	5.06	5.23	5.21	5.17	1.79	ppb
Molybdenum	96-1	5.19	5.31	5.33	5.28	1.39	ppb
Molybdenum	97-1	5.20	5.17	5.29	5.22	1.18	ppb
Molybdenum	98-1	5.08	5.15	5.17	5.13	0.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.18	1.07	1.08	1.11	5.41	ppb
Phosphorus	31-2	23.07	11.63	14.14	16.28	36.93	ppb
Potassium	39-2	520.12	518.43	500.63	513.06	2.11	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	5.73	5.34	5.38	5.48	3.86	ppb
Selenium	77-2	4.40	6.03	4.78	5.07	16.83	ppb
Selenium	78-2	6.41	5.16	5.87	5.81	10.72	ppb
Silicon	28-1	7.22	7.16	7.64	7.34	3.54	ppb
Silver	107-1	1.05	1.08	1.11	1.08	2.81	ppb
Silver	109-1	1.08	1.10	1.09	1.09	0.94	ppb
Sodium	23-2	556.32	544.34	529.35	543.34	2.49	ppb
Strontium	86-1	1.04	1.06	1.01	1.03	2.15	ppb
Strontium	88-1	1.02	1.03	1.05	1.04	1.17	ppb
Sulfur	34-1	60.64	-25.65	-23.25	3.91	1255.52	ppb
Terbium	159-1				100		%
Terbium	159-2				101		%
Thallium	203-1	0.99	0.98	0.97	0.98	1.01	ppb
Thallium	205-1	1.01	0.99	0.99	1.00	1.06	ppb
Tin	118-1	5.15	5.26	5.30	5.24	1.48	ppb
Titanium	47-1	5.58	5.35	5.21	5.38	3.52	ppb
Uranium	238-1	0.99	0.95	0.96	0.97	1.79	ppb

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2025-04-14 15:12:28	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	5.68	5.52	5.37	5.52	2.84	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	5.52	5.58	5.30	5.47	2.73	ppb
Zirconium	90-1	1.02	1.04	1.04	1.03	1.19	ppb
Zirconium	91-1	1.02	1.04	1.02	1.02	1.29	ppb

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2025-04-14 15:15:50	DataFile Name :	007CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	999.82	992.02	1000.87	997.57	0.48	ppb
Antimony	121-1	50.11	50.75	50.39	50.42	0.64	ppb
Arsenic	75-2	50.57	50.01	50.83	50.47	0.84	ppb
Barium	135-1	256.31	265.69	255.18	259.06	2.23	ppb
Barium	137-1	260.62	258.60	253.93	257.72	1.33	ppb
Beryllium	9-1	55.62	54.86	53.91	54.79	1.56	ppb
Bismuth	209-1				99		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Cadmium	108-1	54.29	53.67	53.14	53.70	1.07	ppb
Cadmium	106-1	52.33	53.91	52.62	52.95	1.59	ppb
Cadmium	111-1	51.64	52.11	51.51	51.75	0.62	ppb
Calcium	43-1	5029.53	5152.89	5099.52	5093.98	1.21	ppb
Calcium	44-1	4999.88	5022.62	5024.15	5015.55	0.27	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	51.03	50.94	51.12	51.03	0.18	ppb
Cobalt	59-2	52.95	52.65	52.86	52.82	0.29	ppb
Copper	63-2	546.09	542.49	552.06	546.88	0.88	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				99		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	54-2	2652.52	2652.05	2660.51	2655.03	0.18	ppb
Iron	56-2	2619.67	2604.59	2646.86	2623.71	0.82	ppb
Iron	57-2	2638.36	2613.86	2647.31	2633.18	0.66	ppb
Krypton	83-1						cps
Lead	206-1	250.90	248.54	245.89	248.45	1.01	ppb

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2025-04-14 15:15:50	DataFile Name :	007CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	248.89	249.85	248.65	249.13	0.26	ppb
Lead	208-1	249.75	248.86	244.73	247.78	1.08	ppb
Lithium	6-1				104		%
Magnesium	24-2	5225.45	5227.22	5145.95	5199.54	0.89	ppb
Manganese	55-2	513.56	511.28	515.11	513.31	0.38	ppb
Molybdenum	94-1	487.42	488.10	497.54	491.02	1.15	ppb
Molybdenum	95-1	493.04	498.85	507.96	499.95	1.50	ppb
Molybdenum	96-1	490.49	497.63	515.05	501.06	2.52	ppb
Molybdenum	97-1	489.00	493.52	518.46	500.33	3.17	ppb
Molybdenum	98-1	493.36	486.41	501.74	493.84	1.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	52.77	52.82	53.25	52.95	0.50	ppb
Phosphorus	31-2	1095.16	1075.81	1101.77	1090.91	1.24	ppb
Potassium	39-2	2444.90	2455.67	2456.97	2452.51	0.27	ppb
Rhodium	103-1				98		%
Rhodium	103-2				96		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	82-1	50.56	52.73	52.85	52.05	2.48	ppb
Selenium	77-2	53.14	52.98	49.24	51.79	4.27	ppb
Selenium	78-2	49.93	51.57	51.82	51.11	2.02	ppb
Silicon	28-1	50.05	50.72	49.33	50.03	1.39	ppb
Silver	107-1	56.27	56.96	54.55	55.93	2.22	ppb
Silver	109-1	55.94	55.68	55.31	55.64	0.57	ppb
Sodium	23-2	5100.90	4973.34	5137.68	5070.64	1.70	ppb
Strontium	86-1	48.26	48.39	49.25	48.64	1.11	ppb
Strontium	88-1	49.89	50.21	50.38	50.16	0.50	ppb
Sulfur	34-1	1363.75	1410.21	1261.86	1345.28	5.64	ppb
Terbium	159-1				99		%
Terbium	159-2				100		%
Thallium	203-1	47.56	47.28	46.74	47.19	0.88	ppb
Thallium	205-1	49.80	49.85	49.19	49.61	0.75	ppb
Tin	118-1	50.83	51.26	50.64	50.91	0.62	ppb
Titanium	47-1	519.09	505.80	509.08	511.32	1.35	ppb
Uranium	238-1	47.64	48.59	47.16	47.80	1.53	ppb

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2025-04-14 15:15:50	DataFile Name :	007CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	51.57	51.62	51.70	51.63	0.13	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				98		%
Zinc	66-2	518.39	516.94	516.60	517.31	0.18	ppb
Zirconium	90-1	48.87	50.58	50.46	49.97	1.91	ppb
Zirconium	91-1	46.86	48.15	48.99	48.00	2.23	ppb

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2025-04-14 15:18:54	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2551.43	2487.46	2477.98	2505.62	1.59	ppb
Antimony	121-1	125.92	127.60	127.02	126.85	0.67	ppb
Arsenic	75-2	127.25	125.93	124.66	125.94	1.03	ppb
Barium	135-1	620.26	637.28	622.94	626.83	1.46	ppb
Barium	137-1	619.61	620.30	612.87	617.60	0.66	ppb
Beryllium	9-1	133.82	137.57	135.55	135.65	1.38	ppb
Bismuth	209-1				99		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Cadmium	108-1	127.70	131.61	129.30	129.54	1.52	ppb
Cadmium	106-1	127.41	131.17	129.89	129.49	1.48	ppb
Cadmium	111-1	125.07	126.92	126.32	126.10	0.75	ppb
Calcium	43-1	12521.09	12587.56	12457.17	12521.94	0.52	ppb
Calcium	44-1	12262.08	12373.41	12248.98	12294.82	0.56	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	130.02	128.16	127.57	128.58	1.00	ppb
Cobalt	59-2	133.15	130.42	130.25	131.28	1.24	ppb
Copper	63-2	1364.61	1340.44	1361.33	1355.46	0.97	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				93		%
Iron	54-2	7034.90	6798.93	6879.63	6904.49	1.74	ppb
Iron	56-2	6623.20	6629.79	6627.81	6626.93	0.05	ppb
Iron	57-2	6691.97	6522.86	6590.22	6601.69	1.29	ppb
Krypton	83-1						cps
Lead	206-1	599.28	624.06	619.44	614.26	2.15	ppb

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2025-04-14 15:18:54	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	600.17	618.45	622.18	613.60	1.92	ppb
Lead	208-1	603.61	613.52	616.57	611.23	1.11	ppb
Lithium	6-1				101		%
Magnesium	24-2	13223.76	12638.49	12832.29	12898.18	2.31	ppb
Manganese	55-2	1337.06	1306.21	1320.57	1321.28	1.17	ppb
Molybdenum	94-1	1216.85	1231.81	1235.48	1228.04	0.80	ppb
Molybdenum	95-1	1248.55	1245.10	1250.81	1248.15	0.23	ppb
Molybdenum	96-1	1249.78	1243.58	1261.47	1251.61	0.73	ppb
Molybdenum	97-1	1236.03	1239.24	1268.03	1247.77	1.41	ppb
Molybdenum	98-1	1225.94	1231.75	1252.13	1236.61	1.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	132.92	130.67	131.42	131.67	0.87	ppb
Phosphorus	31-2	2721.36	2619.78	2658.94	2666.69	1.92	ppb
Potassium	39-2	6308.16	6162.44	6174.67	6215.09	1.30	ppb
Rhodium	103-1				95		%
Rhodium	103-2				94		%
Scandium	45-1				97		%
Scandium	45-2				92		%
Selenium	82-1	129.46	127.31	129.71	128.83	1.02	ppb
Selenium	77-2	119.62	130.04	117.64	122.43	5.44	ppb
Selenium	78-2	127.66	122.75	128.25	126.22	2.39	ppb
Silicon	28-1	126.68	124.44	125.95	125.69	0.91	ppb
Silver	107-1	132.79	131.85	131.59	132.07	0.48	ppb
Silver	109-1	130.46	134.54	132.83	132.61	1.54	ppb
Sodium	23-2	12876.24	12507.47	12515.74	12633.15	1.67	ppb
Strontium	86-1	120.84	119.88	122.56	121.09	1.12	ppb
Strontium	88-1	122.38	123.07	127.66	124.37	2.31	ppb
Sulfur	34-1	3474.88	3460.50	3270.86	3402.08	3.35	ppb
Terbium	159-1				100		%
Terbium	159-2				98		%
Thallium	203-1	122.07	125.98	126.56	124.87	1.96	ppb
Thallium	205-1	121.08	122.67	122.69	122.15	0.76	ppb
Tin	118-1	126.36	129.50	126.63	127.50	1.36	ppb
Titanium	47-1	1250.43	1250.47	1224.62	1241.84	1.20	ppb
Uranium	238-1	117.33	116.46	115.43	116.40	0.82	ppb

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2025-04-14 15:18:54	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	131.98	128.08	128.16	129.41	1.72	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				95		%
Zinc	66-2	1321.81	1295.05	1297.29	1304.72	1.14	ppb
Zirconium	90-1	123.48	120.66	123.68	122.60	1.38	ppb
Zirconium	91-1	120.33	119.92	121.86	120.70	0.85	ppb

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2025-04-14 15:21:50	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4903.31	4938.34	4883.86	4908.50	0.56	ppb
Antimony	121-1	254.87	257.18	251.17	254.41	1.19	ppb
Arsenic	75-2	256.86	249.76	251.24	252.62	1.48	ppb
Barium	135-1	1269.63	1255.22	1260.92	1261.93	0.57	ppb
Barium	137-1	1265.83	1258.80	1273.16	1265.93	0.57	ppb
Beryllium	9-1	260.69	269.75	258.75	263.07	2.23	ppb
Bismuth	209-1				98		%
Bismuth	209-2				94		%
Bromine	81-1						cps
Cadmium	108-1	258.42	259.12	262.05	259.86	0.74	ppb
Cadmium	106-1	258.27	260.14	255.97	258.13	0.81	ppb
Cadmium	111-1	262.03	264.53	266.42	264.33	0.83	ppb
Calcium	43-1	25561.91	25535.28	24810.83	25302.67	1.68	ppb
Calcium	44-1	24956.84	24862.17	24652.52	24823.84	0.63	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	260.33	263.93	262.78	262.35	0.70	ppb
Cobalt	59-2	266.02	267.03	265.25	266.10	0.34	ppb
Copper	63-2	2690.71	2686.69	2645.84	2674.41	0.93	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				99		%
Holmium	165-2				98		%
Indium	115-1				95		%
Indium	115-2				90		%
Iron	54-2	13516.04	13586.48	13233.96	13445.49	1.39	ppb
Iron	56-2	13003.94	13155.04	13111.09	13090.02	0.59	ppb
Iron	57-2	13023.34	13132.04	13037.17	13064.18	0.45	ppb
Krypton	83-1						cps
Lead	206-1	1215.75	1226.47	1228.51	1223.58	0.56	ppb

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2025-04-14 15:21:50	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	1238.91	1250.01	1224.00	1237.64	1.05	ppb
Lead	208-1	1235.53	1252.68	1224.63	1237.61	1.14	ppb
Lithium	6-1				97		%
Magnesium	24-2	25003.23	25088.21	25199.73	25097.06	0.39	ppb
Manganese	55-2	2585.88	2613.02	2574.74	2591.21	0.76	ppb
Molybdenum	94-1	2485.13	2507.63	2506.28	2499.68	0.50	ppb
Molybdenum	95-1	2508.83	2552.49	2526.79	2529.37	0.87	ppb
Molybdenum	96-1	2532.22	2539.50	2505.46	2525.73	0.71	ppb
Molybdenum	97-1	2521.02	2528.92	2487.75	2512.56	0.87	ppb
Molybdenum	98-1	2479.80	2535.62	2501.35	2505.59	1.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	254.38	256.34	255.11	255.27	0.39	ppb
Phosphorus	31-2	5127.79	5260.06	5204.34	5197.40	1.28	ppb
Potassium	39-2	12080.51	12081.75	12145.27	12102.51	0.31	ppb
Rhodium	103-1				93		%
Rhodium	103-2				92		%
Scandium	45-1				95		%
Scandium	45-2				91		%
Selenium	82-1	253.20	261.26	260.98	258.48	1.77	ppb
Selenium	77-2	255.07	236.69	250.98	247.58	3.90	ppb
Selenium	78-2	265.46	246.89	257.50	256.62	3.63	ppb
Silicon	28-1	252.37	254.28	253.97	253.54	0.40	ppb
Silver	107-1	264.01	262.43	264.40	263.61	0.39	ppb
Silver	109-1	265.12	268.40	263.40	265.64	0.96	ppb
Sodium	23-2	24940.70	25012.15	24460.33	24804.39	1.21	ppb
Strontium	86-1	254.29	256.30	252.73	254.44	0.70	ppb
Strontium	88-1	252.81	248.98	252.70	251.50	0.87	ppb
Sulfur	34-1	4996.66	4999.11	4855.77	4950.51	1.66	ppb
Terbium	159-1				99		%
Terbium	159-2				96		%
Thallium	203-1	243.42	241.80	240.22	241.81	0.66	ppb
Thallium	205-1	241.92	241.89	241.44	241.75	0.11	ppb
Tin	118-1	253.77	257.54	252.28	254.53	1.07	ppb
Titanium	47-1	2509.47	2464.21	2484.44	2486.04	0.91	ppb
Uranium	238-1	240.69	245.47	240.90	242.35	1.11	ppb

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2025-04-14 15:21:50	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	255.05	257.68	256.62	256.45	0.52	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				97		%
Yttrium	89-2				92		%
Zinc	66-2	2680.54	2681.50	2703.42	2688.49	0.48	ppb
Zirconium	90-1	247.08	250.15	250.56	249.26	0.76	ppb
Zirconium	91-1	253.15	254.26	258.28	255.23	1.06	ppb

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2025-04-14 15:24:39	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9566.60	9643.82	9604.71	9605.05	0.40	ppb
Antimony	121-1	503.26	486.49	503.97	497.91	1.99	ppb
Arsenic	75-2	504.14	499.97	505.80	503.30	0.60	ppb
Barium	135-1	2513.55	2424.65	2454.11	2464.10	1.84	ppb
Barium	137-1	2506.18	2404.82	2461.38	2457.46	2.07	ppb
Beryllium	9-1	497.31	497.88	512.89	502.70	1.76	ppb
Bismuth	209-1				98		%
Bismuth	209-2				91		%
Bromine	81-1						cps
Cadmium	108-1	502.05	501.44	514.57	506.02	1.46	ppb
Cadmium	106-1	502.40	506.93	505.04	504.79	0.45	ppb
Cadmium	111-1	513.38	498.27	504.72	505.46	1.50	ppb
Calcium	43-1	50721.39	49872.76	49974.76	50189.64	0.92	ppb
Calcium	44-1	50010.06	49683.50	49474.16	49722.57	0.54	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	515.88	520.50	516.97	517.78	0.47	ppb
Cobalt	59-2	520.61	520.53	525.43	522.19	0.54	ppb
Copper	63-2	5130.46	5234.32	5205.37	5190.05	1.03	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				98		%
Holmium	165-2				98		%
Indium	115-1				92		%
Indium	115-2				85		%
Iron	54-2	26588.28	26317.50	26469.05	26458.28	0.51	ppb
Iron	56-2	25872.31	26022.37	26120.36	26005.02	0.48	ppb
Iron	57-2	26640.43	26839.85	26181.98	26554.08	1.27	ppb
Krypton	83-1						cps
Lead	206-1	2454.10	2375.10	2460.03	2429.74	1.95	ppb

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2025-04-14 15:24:39	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2424.50	2408.90	2479.45	2437.62	1.52	ppb
Lead	208-1	2432.45	2406.07	2483.80	2440.77	1.62	ppb
Lithium	6-1				97		%
Magnesium	24-2	49438.74	49611.16	49805.41	49618.44	0.37	ppb
Manganese	55-2	5150.92	5151.92	5150.34	5151.06	0.02	ppb
Molybdenum	94-1	4977.12	4992.94	4928.40	4966.15	0.68	ppb
Molybdenum	95-1	5029.63	5019.31	4994.66	5014.53	0.36	ppb
Molybdenum	96-1	5050.59	4977.49	5043.52	5023.87	0.80	ppb
Molybdenum	97-1	5045.60	4981.94	5037.72	5021.75	0.69	ppb
Molybdenum	98-1	5036.84	4973.78	4966.82	4992.48	0.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	489.83	493.05	494.43	492.44	0.48	ppb
Phosphorus	31-2	10239.10	10406.96	10049.61	10231.89	1.75	ppb
Potassium	39-2	23313.95	23320.67	23400.33	23344.98	0.21	ppb
Rhodium	103-1				91		%
Rhodium	103-2				90		%
Scandium	45-1				93		%
Scandium	45-2				90		%
Selenium	82-1	508.09	504.25	507.06	506.46	0.39	ppb
Selenium	77-2	517.79	511.82	498.25	509.29	1.97	ppb
Selenium	78-2	517.72	511.59	501.20	510.17	1.64	ppb
Silicon	28-1	513.45	510.57	507.56	510.53	0.58	ppb
Silver	107-1	507.72	511.48	512.97	510.72	0.53	ppb
Silver	109-1	506.71	500.04	515.01	507.25	1.48	ppb
Sodium	23-2	48700.72	49777.65	48908.35	49128.91	1.16	ppb
Strontium	86-1	505.06	497.06	498.08	500.07	0.87	ppb
Strontium	88-1	494.97	496.03	503.93	498.31	0.98	ppb
Sulfur	34-1	10457.55	9684.90	9805.86	9982.77	4.16	ppb
Terbium	159-1				99		%
Terbium	159-2				96		%
Thallium	203-1	482.99	470.40	492.24	481.88	2.28	ppb
Thallium	205-1	486.46	475.62	492.10	484.73	1.73	ppb
Tin	118-1	495.60	487.72	492.42	491.92	0.81	ppb
Titanium	47-1	5050.37	5013.11	4971.89	5011.79	0.78	ppb
Uranium	238-1	470.10	472.27	485.68	476.01	1.77	ppb

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2025-04-14 15:24:39	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	515.71	519.68	514.36	516.58	0.54	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				96		%
Yttrium	89-2				91		%
Zinc	66-2	5193.50	5197.09	5128.10	5172.90	0.75	ppb
Zirconium	90-1	497.50	494.43	490.80	494.24	0.68	ppb
Zirconium	91-1	505.47	497.52	497.07	500.02	0.94	ppb

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2025-04-14 15:27:24	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18861.41	18339.15	18803.08	18667.88	1.53	ppb
Antimony	121-1	995.79	993.64	1009.65	999.69	0.87	ppb
Arsenic	75-2	995.70	1002.43	994.53	997.55	0.43	ppb
Barium	135-1	5029.23	5000.18	5013.44	5014.28	0.29	ppb
Barium	137-1	5109.37	4960.46	4983.65	5017.83	1.60	ppb
Beryllium	9-1	1000.94	1000.62	979.89	993.81	1.21	ppb
Bismuth	209-1				92		%
Bismuth	209-2				87		%
Bromine	81-1						cps
Cadmium	108-1	1002.88	979.20	999.24	993.77	1.28	ppb
Cadmium	106-1	999.37	985.53	999.69	994.86	0.81	ppb
Cadmium	111-1	1012.56	977.23	990.60	993.47	1.80	ppb
Calcium	43-1	98930.82	99510.67	100699.56	99713.68	0.90	ppb
Calcium	44-1	98554.43	100195.05	99777.24	99508.91	0.86	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	989.84	983.20	989.53	987.52	0.38	ppb
Cobalt	59-2	991.32	977.77	982.78	983.96	0.70	ppb
Copper	63-2	9926.44	9839.06	9772.04	9845.85	0.79	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				96		%
Indium	115-1				88		%
Indium	115-2				78		%
Iron	54-2	50733.81	50741.22	50912.16	50795.73	0.20	ppb
Iron	56-2	51414.06	49467.69	49579.71	50153.82	2.18	ppb
Iron	57-2	51328.61	50058.93	49888.01	50425.18	1.56	ppb
Krypton	83-1						cps
Lead	206-1	5097.41	4991.71	5040.34	5043.15	1.05	ppb

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2025-04-14 15:27:24	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	5016.48	5027.51	5063.26	5035.75	0.49	ppb
Lead	208-1	5033.94	4992.53	5077.16	5034.54	0.84	ppb
Lithium	6-1				93		%
Magnesium	24-2	98418.85	96524.41	95746.72	96896.66	1.42	ppb
Manganese	55-2	10045.45	9805.95	9824.87	9892.09	1.35	ppb
Molybdenum	94-1	10157.45	10022.97	9880.17	10020.20	1.38	ppb
Molybdenum	95-1	10133.69	9863.65	9959.54	9985.62	1.37	ppb
Molybdenum	96-1	10008.98	9844.34	10090.82	9981.38	1.26	ppb
Molybdenum	97-1	9997.17	9971.45	9990.11	9986.24	0.13	ppb
Molybdenum	98-1	10102.67	9952.24	9958.13	10004.34	0.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1020.25	993.62	990.58	1001.48	1.63	ppb
Phosphorus	31-2	20009.69	19606.43	19811.85	19809.32	1.02	ppb
Potassium	39-2	46525.79	45988.64	46085.94	46200.12	0.62	ppb
Rhodium	103-1				87		%
Rhodium	103-2				87		%
Scandium	45-1				92		%
Scandium	45-2				92		%
Selenium	82-1	987.04	993.52	1001.64	994.06	0.74	ppb
Selenium	77-2	997.41	1021.34	969.83	996.19	2.59	ppb
Selenium	78-2	1003.52	992.83	982.79	993.05	1.04	ppb
Silicon	28-1	982.31	991.25	1007.80	993.79	1.30	ppb
Silver	107-1	1002.04	975.73	992.40	990.06	1.34	ppb
Silver	109-1	986.16	982.59	1004.94	991.23	1.21	ppb
Sodium	23-2	97012.13	94556.12	94573.74	95380.66	1.48	ppb
Strontium	86-1	1009.31	999.05	989.87	999.41	0.97	ppb
Strontium	88-1	993.73	996.86	1011.03	1000.54	0.92	ppb
Sulfur	34-1	20015.46	20071.41	19586.01	19890.96	1.34	ppb
Terbium	159-1				98		%
Terbium	159-2				95		%
Thallium	203-1	1020.64	1006.44	1006.71	1011.27	0.80	ppb
Thallium	205-1	1017.96	998.11	1014.15	1010.08	1.04	ppb
Tin	118-1	1008.14	993.02	1006.50	1002.55	0.83	ppb
Titanium	47-1	9942.93	10099.91	9951.30	9998.05	0.88	ppb
Uranium	238-1	1017.91	1005.58	1021.77	1015.09	0.83	ppb

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2025-04-14 15:27:24	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	988.15	983.25	996.99	989.46	0.70	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				95		%
Yttrium	89-2				90		%
Zinc	66-2	9925.38	9806.37	9844.42	9858.72	0.62	ppb
Zirconium	90-1	1014.62	1003.48	992.00	1003.36	1.13	ppb
Zirconium	91-1	1008.03	999.83	990.10	999.32	0.90	ppb

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2025-04-14 15:30:11	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100365.57	101973.71	98591.85	100310.38	1.69	ppb
Antimony	121-1	0.57	0.54	0.54	0.55	3.48	ppb
Arsenic	75-2	0.48	0.64	0.58	0.56	14.74	ppb
Barium	135-1	2.04	2.03	1.99	2.02	1.34	ppb
Barium	137-1	2.07	2.03	1.99	2.03	1.91	ppb
Beryllium	9-1	0.13	0.10	0.09	0.11	18.16	ppb
Bismuth	209-1				82		%
Bismuth	209-2				80		%
Bromine	81-1						cps
Cadmium	108-1	0.39	0.30	0.37	0.35	14.25	ppb
Cadmium	106-1	0.19	0.16	0.21	0.19	14.21	ppb
Cadmium	111-1	0.15	0.13	0.16	0.15	12.03	ppb
Calcium	43-1	499986.09	501844.80	498234.02	500021.63	0.36	ppb
Calcium	44-1	498415.51	502196.14	499807.47	500139.71	0.38	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	8.62	8.67	8.54	8.61	0.79	ppb
Cobalt	59-2	2.20	2.18	2.12	2.17	1.85	ppb
Copper	63-2	2.48	2.52	2.44	2.48	1.67	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				95		%
Indium	115-1				87		%
Indium	115-2				87		%
Iron	54-2	252668.00	251312.16	244909.36	249629.84	1.66	ppb
Iron	56-2	251820.22	252504.44	245161.05	249828.57	1.62	ppb
Iron	57-2	250367.45	251173.11	247623.11	249721.22	0.75	ppb
Krypton	83-1						cps
Lead	206-1	5.78	5.78	5.75	5.77	0.27	ppb

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2025-04-14 15:30:11	DataFile Name :	012CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	5.96	5.83	5.78	5.86	1.59	ppb
Lead	208-1	5.86	5.82	5.79	5.82	0.62	ppb
Lithium	6-1				88		%
Magnesium	24-2	501690.01	505304.85	494931.04	500641.97	1.05	ppb
Manganese	55-2	-3.58	-3.37	-3.44	-3.47		ppb
Molybdenum	94-1	1.96	1.91	1.91	1.93	1.54	ppb
Molybdenum	95-1	1.35	1.26	1.31	1.31	3.42	ppb
Molybdenum	96-1	2.23	2.17	2.16	2.19	1.62	ppb
Molybdenum	97-1	1.35	1.28	1.26	1.30	3.61	ppb
Molybdenum	98-1	1.28	1.19	1.19	1.22	4.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.57	4.66	4.58	4.60	1.08	ppb
Phosphorus	31-2	-1.54	-12.88	-1.75	-5.39		ppb
Potassium	39-2	250522.70	253400.77	248916.55	250946.67	0.91	ppb
Rhodium	103-1				79		%
Rhodium	103-2				79		%
Scandium	45-1				90		%
Scandium	45-2				91		%
Selenium	82-1	1.01	0.67	1.01	0.90	22.32	ppb
Selenium	77-2	0.31	1.64	0.75	0.90	75.57	ppb
Selenium	78-2	0.36	0.23	1.01	0.53	79.23	ppb
Silicon	28-1	21.30	20.07	17.20	19.52	10.76	ppb
Silver	107-1	0.10	0.09	0.09	0.09	8.12	ppb
Silver	109-1	0.10	0.10	0.09	0.10	7.30	ppb
Sodium	23-2	505894.87	500812.44	496342.72	501016.68	0.95	ppb
Strontium	86-1	3.33	3.21	3.26	3.27	1.83	ppb
Strontium	88-1	3.26	3.21	3.26	3.24	0.82	ppb
Sulfur	34-1	-823.94	-630.92	-653.88	-702.91		ppb
Terbium	159-1				93		%
Terbium	159-2				92		%
Thallium	203-1	0.09	0.08	0.07	0.08	14.86	ppb
Thallium	205-1	0.09	0.07	0.06	0.07	15.52	ppb
Tin	118-1	0.13	0.13	0.16	0.14	11.02	ppb
Titanium	47-1	0.65	0.74	0.68	0.69	7.20	ppb
Uranium	238-1	0.04	0.04	0.04	0.04	10.59	ppb

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2025-04-14 15:30:11	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.29	0.28	0.29	0.29	2.17	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				92		%
Yttrium	89-2				92		%
Zinc	66-2	59.57	59.79	58.44	59.27	1.23	ppb
Zirconium	90-1	0.46	0.45	0.46	0.46	1.82	ppb
Zirconium	91-1	0.46	0.46	0.46	0.46	0.80	ppb

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired :	2025-04-14 15:56:54	DataFile Name :	017ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	469.89	476.43	462.45	469.59	1.49	ppb
Antimony	121-1	195.23	196.72	199.71	197.22	1.16	ppb
Arsenic	75-2	195.40	196.56	192.62	194.86	1.04	ppb
Barium	135-1	95.56	96.52	97.58	96.55	1.05	ppb
Barium	137-1	96.46	97.17	97.24	96.96	0.45	ppb
Beryllium	9-1	108.32	109.43	106.93	108.22	1.16	ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Cadmium	108-1	84.61	86.72	84.39	85.24	1.51	ppb
Cadmium	106-1	80.75	80.67	81.89	81.10	0.84	ppb
Cadmium	111-1	98.54	99.82	101.46	99.94	1.46	ppb
Calcium	43-1	1931.73	1902.11	1933.38	1922.41	0.92	ppb
Calcium	44-1	1930.31	1930.94	1968.03	1943.09	1.11	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	100.96	101.91	100.35	101.07	0.78	ppb
Cobalt	59-2	105.22	105.03	103.34	104.53	0.99	ppb
Copper	63-2	106.09	106.27	105.21	105.86	0.53	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				105		%
Indium	115-1				105		%
Indium	115-2				102		%
Iron	54-2	2092.42	2089.11	2068.41	2083.31	0.62	ppb
Iron	56-2	2035.10	2029.52	1975.29	2013.31	1.64	ppb
Iron	57-2	2001.99	1996.81	1994.20	1997.67	0.20	ppb
Krypton	83-1						cps
Lead	206-1	190.25	196.78	194.23	193.76	1.70	ppb

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired :	2025-04-14 15:56:54	DataFile Name :	017ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	187.04	190.13	191.45	189.54	1.20	ppb
Lead	208-1	188.97	191.81	193.18	191.32	1.12	ppb
Lithium	6-1				106		%
Magnesium	24-2	1149.21	1158.26	1144.30	1150.59	0.62	ppb
Manganese	55-2	100.15	99.97	99.77	99.96	0.19	ppb
Molybdenum	94-1	0.05	0.06	0.06	0.05	11.69	ppb
Molybdenum	95-1	0.01	0.02	0.02	0.01	17.62	ppb
Molybdenum	96-1	0.03	0.05	0.04	0.04	19.34	ppb
Molybdenum	97-1	0.02	0.02	0.02	0.02	22.07	ppb
Molybdenum	98-1	0.02	0.02	0.02	0.02	8.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	103.64	105.21	102.67	103.84	1.23	ppb
Phosphorus	31-2	-14.61	-24.27	-15.72	-18.20		ppb
Potassium	39-2	1849.74	1870.58	1853.23	1857.85	0.60	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				104		%
Scandium	45-2				102		%
Selenium	82-1	204.82	206.11	212.37	207.76	1.94	ppb
Selenium	77-2	213.70	217.69	206.57	212.65	2.65	ppb
Selenium	78-2	210.44	218.06	204.89	211.13	3.13	ppb
Silicon	28-1	-1.41	-1.71	-2.28	-1.80		ppb
Silver	107-1	51.44	52.22	52.90	52.19	1.39	ppb
Silver	109-1	51.40	53.14	53.28	52.61	2.00	ppb
Sodium	23-2	1957.10	1986.96	1961.03	1968.37	0.82	ppb
Strontium	86-1	0.23	0.21	0.23	0.22	3.55	ppb
Strontium	88-1	0.22	0.23	0.23	0.23	2.97	ppb
Sulfur	34-1	-562.44	-662.88	-653.48	-626.27		ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	190.00	194.71	190.65	191.79	1.33	ppb
Thallium	205-1	190.30	192.46	187.41	190.06	1.33	ppb
Tin	118-1	0.01	0.02	0.00	0.01	78.88	ppb
Titanium	47-1	0.02	0.03	0.00	0.02	70.77	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired :	2025-04-14 15:56:54	DataFile Name :	017ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	99.61	100.88	98.64	99.71	1.13	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				102		%
Zinc	66-2	200.93	200.65	197.37	199.65	0.99	ppb
Zirconium	90-1	0.01	0.02	0.02	0.01	10.41	ppb
Zirconium	91-1	0.10	0.08	0.09	0.09	6.49	ppb

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2025-04-14 16:09:07	DataFile Name :	020LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.15	18.94	19.86	19.65	3.20	ppb
Antimony	121-1	2.07	2.04	2.07	2.06	0.91	ppb
Arsenic	75-2	1.01	1.07	1.00	1.03	3.52	ppb
Barium	135-1	10.16	9.98	10.28	10.14	1.49	ppb
Barium	137-1	10.14	10.18	10.28	10.20	0.67	ppb
Beryllium	9-1	1.19	1.18	1.17	1.18	0.76	ppb
Bismuth	209-1				104		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Cadmium	108-1	1.11	1.09	1.09	1.10	0.98	ppb
Cadmium	106-1	0.73	1.02	1.20	0.98	24.51	ppb
Cadmium	111-1	1.08	1.02	1.09	1.06	3.71	ppb
Calcium	43-1	530.56	513.35	535.24	526.38	2.19	ppb
Calcium	44-1	520.26	518.21	526.91	521.80	0.87	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.16	2.17	2.07	2.13	2.60	ppb
Cobalt	59-2	1.13	1.15	1.09	1.12	2.71	ppb
Copper	63-2	2.14	2.28	2.10	2.18	4.31	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				106		%
Indium	115-1				106		%
Indium	115-2				104		%
Iron	54-2	56.59	55.09	56.07	55.92	1.36	ppb
Iron	56-2	53.68	54.70	52.32	53.57	2.23	ppb
Iron	57-2	54.84	52.61	50.19	52.55	4.42	ppb
Krypton	83-1						cps
Lead	206-1	0.96	0.98	0.98	0.98	1.34	ppb

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2025-04-14 16:09:07	DataFile Name :	020LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.97	1.03	1.00	1.00	2.65	ppb
Lead	208-1	0.96	1.00	1.00	0.99	2.13	ppb
Lithium	6-1				105		%
Magnesium	24-2	544.85	546.30	530.34	540.50	1.63	ppb
Manganese	55-2	1.00	1.20	0.76	0.99	22.70	ppb
Molybdenum	94-1	5.80	5.98	5.97	5.92	1.67	ppb
Molybdenum	95-1	4.98	4.98	5.16	5.04	2.08	ppb
Molybdenum	96-1	5.04	5.03	5.24	5.10	2.36	ppb
Molybdenum	97-1	4.96	5.05	5.17	5.06	2.02	ppb
Molybdenum	98-1	4.94	4.90	5.06	4.97	1.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.06	1.11	1.02	1.06	4.52	ppb
Phosphorus	31-2	17.13	19.44	6.63	14.40	47.42	ppb
Potassium	39-2	503.04	513.15	499.16	505.12	1.43	ppb
Rhodium	103-1				104		%
Rhodium	103-2				104		%
Scandium	45-1				105		%
Scandium	45-2				105		%
Selenium	82-1	5.28	5.61	5.29	5.39	3.53	ppb
Selenium	77-2	4.95	8.19	6.17	6.44	25.41	ppb
Selenium	78-2	5.12	5.78	5.63	5.51	6.26	ppb
Silicon	28-1	2.92	3.29	3.36	3.19	7.37	ppb
Silver	107-1	1.04	1.04	1.08	1.05	2.09	ppb
Silver	109-1	1.04	1.05	1.08	1.06	1.89	ppb
Sodium	23-2	542.10	543.16	531.55	538.94	1.19	ppb
Strontium	86-1	1.00	1.05	1.07	1.04	3.63	ppb
Strontium	88-1	1.02	1.01	1.04	1.02	1.76	ppb
Sulfur	34-1	-473.84	-536.14	-501.24	-503.74		ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	0.98	0.98	0.95	0.97	1.70	ppb
Thallium	205-1	0.95	0.98	0.97	0.97	1.34	ppb
Tin	118-1	5.15	5.09	5.30	5.18	2.03	ppb
Titanium	47-1	5.18	5.16	5.23	5.19	0.62	ppb
Uranium	238-1	0.92	0.96	0.95	0.94	2.63	ppb

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2025-04-14 16:09:07	DataFile Name :	020LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	5.22	5.38	5.24	5.28	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				104		%
Zinc	66-2	5.37	5.47	5.30	5.38	1.53	ppb
Zirconium	90-1	0.99	1.02	1.01	1.01	1.64	ppb
Zirconium	91-1	1.02	1.00	1.01	1.01	1.36	ppb

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired :	2025-04-14 16:12:58	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.12	0.21	-0.26	-0.06		ppb
Antimony	121-1	0.01	0.01	0.01	0.01	28.95	ppb
Arsenic	75-2	-0.02	-0.01	-0.01	-0.01		ppb
Barium	135-1	0.00	0.00	0.00	0.00	194.96	ppb
Barium	137-1	0.00	0.00	0.00	0.00		ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	319.60	ppb
Bismuth	209-1				104		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Cadmium	108-1	0.01	0.01	0.00	0.01	62.92	ppb
Cadmium	106-1	0.07	0.11	0.02	0.07	64.31	ppb
Cadmium	111-1	0.00	0.01	0.00	0.00	114.76	ppb
Calcium	43-1	-1.23	-1.58	-1.03	-1.28		ppb
Calcium	44-1	1.62	1.44	1.54	1.53	5.73	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	-0.03	-0.03	-0.02		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	-0.01	0.00	0.00	0.00		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				104		%
Indium	115-1				106		%
Indium	115-2				104		%
Iron	54-2	2.14	2.22	2.65	2.33	11.66	ppb
Iron	56-2	2.19	2.20	2.31	2.23	3.00	ppb
Iron	57-2	2.77	1.69	2.28	2.25	24.06	ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.03	0.03	0.03	15.79	ppb

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired :	2025-04-14 16:12:58	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.03	0.02	0.02	0.02	10.21	ppb
Lead	208-1	0.03	0.03	0.03	0.03	3.88	ppb
Lithium	6-1				106		%
Magnesium	24-2	0.04	0.14	0.25	0.14	74.11	ppb
Manganese	55-2	-1.00	-1.04	-1.32	-1.12		ppb
Molybdenum	94-1	0.00	0.01	0.02	0.01	71.66	ppb
Molybdenum	95-1	0.00	-0.01	-0.01	0.00		ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00		ppb
Molybdenum	97-1	-0.01	0.00	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	0.20	0.22	0.13	0.18	24.59	ppb
Phosphorus	31-2	-14.02	-13.01	-17.83	-14.95		ppb
Potassium	39-2	6.20	9.48	6.89	7.52	22.96	ppb
Rhodium	103-1				104		%
Rhodium	103-2				103		%
Scandium	45-1				106		%
Scandium	45-2				105		%
Selenium	82-1	0.06	0.12	-0.20	-0.01		ppb
Selenium	77-2	0.26	-0.14	-0.14	-0.01		ppb
Selenium	78-2	0.13	0.74	0.02	0.30	130.04	ppb
Silicon	28-1	-2.76	-3.09	-2.84	-2.90		ppb
Silver	107-1	0.01	0.01	0.01	0.01	14.19	ppb
Silver	109-1	0.01	0.01	0.01	0.01	7.39	ppb
Sodium	23-2	6.32	7.12	4.42	5.95	23.37	ppb
Strontium	86-1	0.00	0.00	0.00	0.00	750.57	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	36.56	ppb
Sulfur	34-1	-480.26	-533.91	-550.48	-521.55		ppb
Terbium	159-1				104		%
Terbium	159-2				103		%
Thallium	203-1	0.01	0.01	0.01	0.01	8.75	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	12.75	ppb
Tin	118-1	0.03	0.02	0.03	0.03	23.54	ppb
Titanium	47-1	0.00	0.00	0.01	0.00	223.42	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired :	2025-04-14 16:12:58	DataFile Name :	021CCBE.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				104		%
Zinc	66-2	0.07	0.04	0.03	0.04	51.06	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	21.02	ppb
Zirconium	91-1	0.01	0.01	0.01	0.01	23.68	ppb

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired :	2025-04-14 16:23:11	DataFile Name :	023ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	96551.42	95218.88	96271.53	96013.94	0.73	ppb
Antimony	121-1	1.31	1.31	1.27	1.30	1.99	ppb
Arsenic	75-2	0.32	0.32	0.27	0.31	9.12	ppb
Barium	135-1	1.51	1.49	1.54	1.52	1.62	ppb
Barium	137-1	1.53	1.49	1.53	1.52	1.65	ppb
Beryllium	9-1	0.34	0.33	0.32	0.33	2.19	ppb
Bismuth	209-1				93		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Cadmium	108-1	14.34	14.51	13.92	14.26	2.15	ppb
Cadmium	106-1	-0.12	-0.21	-0.58	-0.30		ppb
Cadmium	111-1	0.58	0.52	0.53	0.54	5.68	ppb
Calcium	43-1	103450.46	104217.63	103168.74	103612.28	0.52	ppb
Calcium	44-1	101926.40	102658.54	102910.58	102498.51	0.50	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	21.05	20.76	21.15	20.98	0.97	ppb
Cobalt	59-2	1.24	1.25	1.29	1.26	2.01	ppb
Copper	63-2	7.98	7.87	8.04	7.96	1.08	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				99		%
Holmium	165-2				100		%
Indium	115-1				96		%
Indium	115-2				94		%
Iron	54-2	108722.99	106581.24	107867.09	107723.77	1.00	ppb
Iron	56-2	107136.38	106361.89	108110.24	107202.84	0.82	ppb
Iron	57-2	106906.20	106746.33	110001.73	107884.75	1.70	ppb
Krypton	83-1						cps
Lead	206-1	4.84	4.83	4.65	4.78	2.22	ppb

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired :	2025-04-14 16:23:11	DataFile Name :	023ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	4.47	4.50	4.35	4.44	1.87	ppb
Lead	208-1	4.60	4.57	4.45	4.54	1.83	ppb
Lithium	6-1				97		%
Magnesium	24-2	101043.94	100447.87	100402.42	100631.41	0.36	ppb
Manganese	55-2	7.29	6.91	7.20	7.13	2.84	ppb
Molybdenum	94-1	1742.86	1691.15	1661.07	1698.36	2.44	ppb
Molybdenum	95-1	2112.85	2087.37	2066.79	2089.00	1.10	ppb
Molybdenum	96-1	2070.07	2038.18	2045.19	2051.15	0.82	ppb
Molybdenum	97-1	2134.23	2076.66	2068.48	2093.12	1.71	ppb
Molybdenum	98-1	2148.13	2045.97	2046.44	2080.18	2.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.95	6.10	6.02	6.02	1.25	ppb
Phosphorus	31-2	114089.25	112895.49	115340.21	114108.32	1.07	ppb
Potassium	39-2	102519.27	101827.15	104226.54	102857.65	1.20	ppb
Rhodium	103-1				92		%
Rhodium	103-2				92		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	82-1	0.13	0.14	-0.13	0.05	321.20	ppb
Selenium	77-2	-0.14	-0.14	-0.14	-0.14		ppb
Selenium	78-2	1.17	0.80	0.68	0.88	29.15	ppb
Silicon	28-1	21.51	22.24	21.89	21.88	1.66	ppb
Silver	107-1	0.03	0.04	0.05	0.04	24.73	ppb
Silver	109-1	0.04	0.04	0.05	0.04	17.63	ppb
Sodium	23-2	107635.94	106823.10	108248.87	107569.30	0.66	ppb
Strontium	86-1	35.47	34.92	35.02	35.14	0.83	ppb
Strontium	88-1	36.67	36.12	36.76	36.52	0.95	ppb
Sulfur	34-1	106466.81	107776.35	108337.38	107526.85	0.89	ppb
Terbium	159-1				99		%
Terbium	159-2				97		%
Thallium	203-1	0.05	0.07	0.08	0.07	20.04	ppb
Thallium	205-1	0.06	0.08	0.08	0.07	17.38	ppb
Tin	118-1	0.20	0.18	0.17	0.18	6.93	ppb
Titanium	47-1	2119.32	2173.55	2155.91	2149.59	1.29	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	6.58	ppb

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired :	2025-04-14 16:23:11	DataFile Name :	023ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.14	0.15	0.15	0.15	2.41	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	14.63	14.64	14.40	14.56	0.92	ppb
Zirconium	90-1	0.03	0.03	0.03	0.03	4.35	ppb
Zirconium	91-1	0.03	0.03	0.04	0.03	13.11	ppb

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired :	2025-04-14 16:38:18	DataFile Name :	027ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	83313.43	82788.83	82258.39	82786.88	0.64	ppb
Antimony	121-1	18.88	19.02	18.90	18.93	0.40	ppb
Arsenic	75-2	19.04	18.61	18.97	18.87	1.21	ppb
Barium	135-1	19.33	19.26	19.52	19.37	0.68	ppb
Barium	137-1	19.28	19.42	19.53	19.41	0.65	ppb
Beryllium	9-1	20.44	20.86	20.61	20.64	1.03	ppb
Bismuth	209-1				95		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Cadmium	108-1	27.28	27.40	28.05	27.58	1.49	ppb
Cadmium	106-1	14.24	13.51	14.46	14.07	3.56	ppb
Cadmium	111-1	18.10	18.25	18.33	18.23	0.65	ppb
Calcium	43-1	87927.32	89045.25	88160.73	88377.77	0.67	ppb
Calcium	44-1	87031.59	87757.72	88675.10	87821.47	0.94	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	35.89	36.00	35.51	35.80	0.72	ppb
Cobalt	59-2	18.96	19.34	19.35	19.22	1.17	ppb
Copper	63-2	24.51	24.62	24.48	24.54	0.31	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				102		%
Indium	115-1				102		%
Indium	115-2				97		%
Iron	54-2	90589.61	91861.36	91796.37	91415.78	0.78	ppb
Iron	56-2	91096.57	90927.89	91727.35	91250.60	0.46	ppb
Iron	57-2	91474.83	91485.42	92476.61	91812.29	0.63	ppb
Krypton	83-1						cps
Lead	206-1	21.85	21.60	22.09	21.85	1.13	ppb

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired :	2025-04-14 16:38:18	DataFile Name :	027ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	21.34	21.19	21.80	21.44	1.46	ppb
Lead	208-1	21.47	21.15	21.75	21.46	1.41	ppb
Lithium	6-1				100		%
Magnesium	24-2	87452.86	88276.72	87188.64	87639.41	0.65	ppb
Manganese	55-2	22.71	23.55	23.56	23.27	2.11	ppb
Molybdenum	94-1	1416.36	1431.13	1424.33	1423.94	0.52	ppb
Molybdenum	95-1	1747.35	1750.47	1747.94	1748.59	0.09	ppb
Molybdenum	96-1	1717.19	1731.67	1701.12	1716.66	0.89	ppb
Molybdenum	97-1	1747.64	1750.23	1762.18	1753.35	0.44	ppb
Molybdenum	98-1	1714.80	1731.38	1738.53	1728.24	0.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	22.44	22.92	22.57	22.64	1.09	ppb
Phosphorus	31-2	97112.44	98220.11	97998.99	97777.18	0.60	ppb
Potassium	39-2	90019.73	89547.78	88544.07	89370.53	0.84	ppb
Rhodium	103-1				96		%
Rhodium	103-2				96		%
Scandium	45-1				108		%
Scandium	45-2				105		%
Selenium	82-1	19.27	18.75	19.29	19.11	1.60	ppb
Selenium	77-2	15.08	26.42	19.58	20.36	28.05	ppb
Selenium	78-2	19.86	17.73	19.48	19.02	5.97	ppb
Silicon	28-1	20.03	20.56	20.98	20.52	2.33	ppb
Silver	107-1	17.05	17.27	17.04	17.12	0.75	ppb
Silver	109-1	17.18	17.37	17.41	17.32	0.70	ppb
Sodium	23-2	93545.11	93487.00	93793.44	93608.52	0.17	ppb
Strontium	86-1	29.45	29.76	29.67	29.63	0.53	ppb
Strontium	88-1	30.40	31.07	31.16	30.88	1.35	ppb
Sulfur	34-1	91932.22	93195.60	92628.89	92585.57	0.68	ppb
Terbium	159-1				103		%
Terbium	159-2				99		%
Thallium	203-1	17.93	17.69	18.16	17.93	1.30	ppb
Thallium	205-1	17.84	17.89	18.31	18.01	1.45	ppb
Tin	118-1	0.18	0.17	0.17	0.17	1.87	ppb
Titanium	47-1	1807.03	1833.51	1812.07	1817.54	0.77	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	5.18	ppb

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired :	2025-04-14 16:38:18	DataFile Name :	027ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	18.66	18.76	18.49	18.64	0.75	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				102		%
Zinc	66-2	29.63	29.98	30.28	29.96	1.09	ppb
Zirconium	90-1	0.02	0.03	0.03	0.02	16.75	ppb
Zirconium	91-1	0.03	0.03	0.04	0.03	13.26	ppb

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired :	2025-04-14 16:41:29	DataFile Name :	028CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49309.28	48312.15	47532.91	48384.78	1.84	ppb
Antimony	121-1	501.02	509.79	509.73	506.85	1.00	ppb
Arsenic	75-2	490.25	498.62	491.99	493.62	0.89	ppb
Barium	135-1	2523.68	2561.45	2514.02	2533.05	0.99	ppb
Barium	137-1	2483.04	2486.90	2485.05	2485.00	0.08	ppb
Beryllium	9-1	521.44	533.33	516.81	523.86	1.63	ppb
Bismuth	209-1				87		%
Bismuth	209-2				87		%
Bromine	81-1						cps
Cadmium	108-1	493.98	504.09	497.33	498.47	1.03	ppb
Cadmium	106-1	491.90	499.38	503.32	498.20	1.16	ppb
Cadmium	111-1	487.71	505.83	491.86	495.14	1.92	ppb
Calcium	43-1	246216.13	243817.95	239712.34	243248.81	1.35	ppb
Calcium	44-1	241919.81	236672.01	243414.98	240668.94	1.47	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	495.12	496.21	486.31	492.55	1.10	ppb
Cobalt	59-2	479.59	475.39	471.06	475.35	0.90	ppb
Copper	63-2	4589.51	4548.18	4532.96	4556.88	0.64	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				100		%
Indium	115-1				92		%
Indium	115-2				90		%
Iron	54-2	122590.37	119738.46	118732.55	120353.79	1.66	ppb
Iron	56-2	116381.97	116687.05	117243.72	116770.91	0.37	ppb
Iron	57-2	118079.26	118047.50	116904.47	117677.08	0.57	ppb
Krypton	83-1						cps
Lead	206-1	2522.03	2464.82	2547.34	2511.40	1.68	ppb

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired :	2025-04-14 16:41:29	DataFile Name :	028CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2575.31	2526.72	2530.86	2544.30	1.06	ppb
Lead	208-1	2555.15	2521.28	2511.80	2529.41	0.90	ppb
Lithium	6-1				93		%
Magnesium	24-2	250192.27	242663.38	240719.69	244525.11	2.05	ppb
Manganese	55-2	4880.64	4908.68	4790.95	4860.09	1.27	ppb
Molybdenum	94-1	4899.82	5022.81	4828.38	4917.00	2.00	ppb
Molybdenum	95-1	4921.78	5105.80	4857.13	4961.57	2.60	ppb
Molybdenum	96-1	5015.17	5086.98	4962.39	5021.51	1.25	ppb
Molybdenum	97-1	4984.06	5029.71	5014.82	5009.53	0.46	ppb
Molybdenum	98-1	4897.09	5005.78	4947.67	4950.18	1.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	463.32	463.32	434.84	453.83	3.62	ppb
Phosphorus	31-2	10352.18	10317.58	10226.09	10298.62	0.63	ppb
Potassium	39-2	123525.81	121952.71	121097.32	122191.95	1.01	ppb
Rhodium	103-1				90		%
Rhodium	103-2				90		%
Scandium	45-1				103		%
Scandium	45-2				107		%
Selenium	82-1	485.73	491.86	479.57	485.72	1.27	ppb
Selenium	77-2	489.25	493.92	496.25	493.14	0.72	ppb
Selenium	78-2	486.02	488.54	475.45	483.34	1.44	ppb
Silicon	28-1	502.33	488.19	513.09	501.20	2.49	ppb
Silver	107-1	481.14	494.03	483.98	486.39	1.39	ppb
Silver	109-1	478.61	490.19	490.95	486.58	1.42	ppb
Sodium	23-2	248105.53	243654.82	247186.89	246315.75	0.95	ppb
Strontium	86-1	503.71	496.02	496.99	498.91	0.84	ppb
Strontium	88-1	493.67	508.44	497.42	499.84	1.54	ppb
Sulfur	34-1	10666.89	10197.54	9931.63	10265.35	3.63	ppb
Terbium	159-1				99		%
Terbium	159-2				98		%
Thallium	203-1	500.00	491.71	507.03	499.58	1.54	ppb
Thallium	205-1	501.66	495.76	508.11	501.84	1.23	ppb
Tin	118-1	492.47	491.05	512.38	498.63	2.39	ppb
Titanium	47-1	5005.81	4899.93	4879.12	4928.28	1.38	ppb
Uranium	238-1	509.35	508.03	497.14	504.84	1.33	ppb

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired :	2025-04-14 16:41:29	DataFile Name :	028CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	526.63	508.90	508.96	514.83	1.98	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	4597.31	4544.79	4609.59	4583.90	0.75	ppb
Zirconium	90-1	492.23	500.04	488.28	493.52	1.21	ppb
Zirconium	91-1	495.68	513.00	489.96	499.55	2.40	ppb

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired :	2025-04-14 16:44:20	DataFile Name :	029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.34	1.50	0.92	1.25	23.94	ppb
Antimony	121-1	0.11	0.10	0.09	0.10	12.90	ppb
Arsenic	75-2	-0.01	0.00	0.02	0.00	503.99	ppb
Barium	135-1	0.05	0.03	0.03	0.04	24.41	ppb
Barium	137-1	0.05	0.04	0.04	0.04	9.16	ppb
Beryllium	9-1	0.04	0.03	0.03	0.03	12.51	ppb
Bismuth	209-1				104		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Cadmium	108-1	0.04	0.07	0.02	0.04	55.62	ppb
Cadmium	106-1	0.00	0.54	0.33	0.29	93.69	ppb
Cadmium	111-1	0.02	0.06	0.04	0.04	48.40	ppb
Calcium	43-1	4.54	3.69	2.79	3.67	23.87	ppb
Calcium	44-1	10.88	7.88	8.87	9.21	16.56	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	0.01	0.00	0.00		ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	9.52	ppb
Copper	63-2	0.12	0.12	0.09	0.11	13.64	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				106		%
Indium	115-1				110		%
Indium	115-2				106		%
Iron	54-2	2.88	2.07	2.18	2.38	18.46	ppb
Iron	56-2	2.06	2.04	1.98	2.03	2.01	ppb
Iron	57-2	1.75	1.99	1.60	1.78	11.17	ppb
Krypton	83-1						cps
Lead	206-1	0.15	0.14	0.13	0.14	7.63	ppb

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired :	2025-04-14 16:44:20	DataFile Name :	029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.16	0.14	0.14	0.15	7.61	ppb
Lead	208-1	0.15	0.14	0.12	0.14	9.71	ppb
Lithium	6-1				105		%
Magnesium	24-2	4.53	4.64	4.04	4.40	7.21	ppb
Manganese	55-2	-8.31	-8.35	-8.34	-8.34		ppb
Molybdenum	94-1	0.24	0.22	0.19	0.22	12.20	ppb
Molybdenum	95-1	0.16	0.14	0.12	0.14	16.21	ppb
Molybdenum	96-1	0.17	0.15	0.12	0.14	16.27	ppb
Molybdenum	97-1	0.16	0.12	0.13	0.14	16.57	ppb
Molybdenum	98-1	0.16	0.13	0.12	0.14	15.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	0.00	-0.01	-0.01		ppb
Phosphorus	31-2	-21.38	-14.59	-16.44	-17.47		ppb
Potassium	39-2	34.33	30.95	31.02	32.10	6.01	ppb
Rhodium	103-1				108		%
Rhodium	103-2				106		%
Scandium	45-1				112		%
Scandium	45-2				111		%
Selenium	82-1	0.02	-0.13	0.11	0.00	181110.50	ppb
Selenium	77-2	0.25	-0.14	-0.14	-0.01		ppb
Selenium	78-2	0.81	0.24	1.36	0.80	70.33	ppb
Silicon	28-1	-1.10	-2.94	-2.20	-2.08		ppb
Silver	107-1	0.05	0.05	0.04	0.05	11.65	ppb
Silver	109-1	0.05	0.04	0.04	0.05	11.38	ppb
Sodium	23-2	37.42	36.26	35.55	36.41	2.59	ppb
Strontium	86-1	0.02	0.01	0.01	0.01	45.92	ppb
Strontium	88-1	0.01	0.01	0.01	0.01	20.31	ppb
Sulfur	34-1	81.42	-130.33	17.63	-10.43		ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	0.06	0.06	0.06	0.06	0.87	ppb
Thallium	205-1	0.07	0.06	0.05	0.06	11.24	ppb
Tin	118-1	-0.01	-0.01	-0.01	-0.01		ppb
Titanium	47-1	0.18	0.15	0.12	0.15	19.77	ppb
Uranium	238-1	0.01	0.01	0.00	0.01	38.78	ppb

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired :	2025-04-14 16:44:20	DataFile Name :	029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	0.01	0.01	0.00	78.14	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	0.29	0.27	0.27	0.27	3.92	ppb
Zirconium	90-1	0.06	0.05	0.05	0.05	11.40	ppb
Zirconium	91-1	0.06	0.05	0.05	0.05	7.95	ppb

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2025-04-14 16:47:44	DataFile Name :	030LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.87	22.04	20.65	21.52	3.51	ppb
Antimony	121-1	2.08	2.14	2.14	2.12	1.67	ppb
Arsenic	75-2	1.20	1.06	1.05	1.10	7.85	ppb
Barium	135-1	10.26	10.33	10.44	10.34	0.87	ppb
Barium	137-1	10.42	10.68	10.53	10.54	1.23	ppb
Beryllium	9-1	1.19	1.21	1.23	1.21	1.72	ppb
Bismuth	209-1				103		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Cadmium	108-1	0.98	1.27	1.09	1.12	13.12	ppb
Cadmium	106-1	1.32	1.38	0.97	1.22	17.93	ppb
Cadmium	111-1	1.11	1.19	1.14	1.15	3.41	ppb
Calcium	43-1	510.83	530.88	534.44	525.38	2.42	ppb
Calcium	44-1	529.46	533.00	525.27	529.24	0.73	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.11	2.16	2.12	2.13	1.28	ppb
Cobalt	59-2	1.15	1.11	1.12	1.13	1.81	ppb
Copper	63-2	2.25	2.22	2.20	2.22	1.09	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				104		%
Holmium	165-2				104		%
Indium	115-1				109		%
Indium	115-2				104		%
Iron	54-2	58.01	57.12	57.30	57.48	0.82	ppb
Iron	56-2	55.58	55.32	54.77	55.22	0.75	ppb
Iron	57-2	58.26	54.81	53.95	55.67	4.09	ppb
Krypton	83-1						cps
Lead	206-1	1.03	1.03	1.03	1.03	0.37	ppb

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2025-04-14 16:47:44	DataFile Name :	030LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	1.07	1.05	1.03	1.05	1.96	ppb
Lead	208-1	1.05	1.04	1.03	1.04	0.71	ppb
Lithium	6-1				104		%
Magnesium	24-2	565.27	567.05	559.61	563.98	0.69	ppb
Manganese	55-2	0.98	1.14	1.23	1.11	11.57	ppb
Molybdenum	94-1	6.08	6.01	6.14	6.08	1.08	ppb
Molybdenum	95-1	5.04	5.07	5.04	5.05	0.35	ppb
Molybdenum	96-1	5.17	5.23	5.25	5.22	0.88	ppb
Molybdenum	97-1	5.26	5.08	5.04	5.13	2.31	ppb
Molybdenum	98-1	5.01	5.11	5.08	5.07	1.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.15	1.03	1.07	1.08	5.89	ppb
Phosphorus	31-2	17.45	18.53	20.46	18.81	8.11	ppb
Potassium	39-2	551.58	549.31	553.84	551.58	0.41	ppb
Rhodium	103-1				107		%
Rhodium	103-2				105		%
Scandium	45-1				112		%
Scandium	45-2				109		%
Selenium	82-1	5.35	5.30	5.62	5.42	3.22	ppb
Selenium	77-2	8.78	7.62	4.53	6.98	31.47	ppb
Selenium	78-2	7.14	5.76	6.70	6.53	10.79	ppb
Silicon	28-1	3.98	4.37	4.21	4.19	4.71	ppb
Silver	107-1	1.08	1.08	1.10	1.08	1.05	ppb
Silver	109-1	1.06	1.07	1.09	1.07	1.37	ppb
Sodium	23-2	585.19	594.67	593.65	591.17	0.88	ppb
Strontium	86-1	1.02	1.05	1.03	1.03	1.67	ppb
Strontium	88-1	1.03	1.05	1.05	1.04	0.92	ppb
Sulfur	34-1	165.39	132.33	141.18	146.30	11.70	ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	1.03	1.02	1.01	1.02	0.84	ppb
Thallium	205-1	1.02	1.02	1.01	1.01	0.72	ppb
Tin	118-1	5.28	5.43	5.24	5.31	1.91	ppb
Titanium	47-1	5.12	5.16	5.24	5.17	1.19	ppb
Uranium	238-1	0.96	0.95	0.94	0.95	0.79	ppb

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2025-04-14 16:47:44	DataFile Name :	030LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	5.35	5.56	5.38	5.43	2.06	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				106		%
Zinc	66-2	5.51	5.49	5.61	5.54	1.24	ppb
Zirconium	90-1	1.03	1.05	1.03	1.04	1.20	ppb
Zirconium	91-1	1.01	1.06	1.06	1.04	2.54	ppb

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	Q1730-06DL3X25	Instrumnet Name :	P8
Client Sample ID :	OU4-VSL-17-040325DL3	Dilution Factor :	25
Date & Time Acquired :	2025-04-14 16:51:59	DataFile Name :	031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1712.37	1711.76	1671.02	1698.38	1.40	ppb
Antimony	121-1	0.01	0.02	0.01	0.01	16.06	ppb
Arsenic	75-2	0.14	0.15	0.20	0.16	20.66	ppb
Barium	135-1	4.74	4.88	4.71	4.78	1.96	ppb
Barium	137-1	4.73	4.89	4.71	4.78	2.10	ppb
Beryllium	9-1	0.03	0.03	0.04	0.03	8.77	ppb
Bismuth	209-1				103		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Cadmium	108-1	0.03	0.05	0.04	0.04	29.19	ppb
Cadmium	106-1	0.40	0.66	0.47	0.51	26.16	ppb
Cadmium	111-1	0.05	0.07	0.05	0.06	22.07	ppb
Calcium	43-1	7105.49	7093.56	6830.23	7009.76	2.22	ppb
Calcium	44-1	7084.32	6958.61	6911.82	6984.92	1.28	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.35	0.37	0.35	0.36	2.63	ppb
Cobalt	59-2	5.16	5.29	5.15	5.20	1.48	ppb
Copper	63-2	5.10	5.02	5.16	5.09	1.40	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				105		%
Indium	115-1				110		%
Indium	115-2				104		%
Iron	54-2	14195.00	14433.26	13820.87	14149.71	2.18	ppb
Iron	56-2	13982.01	14244.57	13600.89	13942.49	2.32	ppb
Iron	57-2	14148.73	14330.65	14366.05	14281.81	0.82	ppb
Krypton	83-1						cps
Lead	206-1	0.09	0.09	0.08	0.09	5.45	ppb

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	Q1730-06DL3X25	Instrumnet Name :	P8
Client Sample ID :	OU4-VSL-17-040325DL3	Dilution Factor :	25
Date & Time Acquired :	2025-04-14 16:51:59	DataFile Name :	031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.08	0.10	0.10	0.09	11.66	ppb
Lead	208-1	0.08	0.09	0.09	0.09	3.72	ppb
Lithium	6-1				107		%
Magnesium	24-2	3464.22	3523.37	3446.24	3477.94	1.16	ppb
Manganese	55-2	192.15	194.29	191.75	192.73	0.71	ppb
Molybdenum	94-1	0.06	0.06	0.06	0.06	1.59	ppb
Molybdenum	95-1	0.02	0.01	0.02	0.02	13.76	ppb
Molybdenum	96-1	0.08	0.07	0.08	0.08	6.24	ppb
Molybdenum	97-1	0.02	0.02	0.02	0.02	13.61	ppb
Molybdenum	98-1	0.02	0.02	0.01	0.02	4.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.93	3.87	3.75	3.85	2.50	ppb
Phosphorus	31-2	-4.62	-11.76	3.08	-4.44		ppb
Potassium	39-2	142.83	142.83	138.41	141.36	1.81	ppb
Rhodium	103-1				106		%
Rhodium	103-2				105		%
Scandium	45-1				114		%
Scandium	45-2				111		%
Selenium	82-1	0.09	0.16	0.21	0.16	36.68	ppb
Selenium	77-2	3.92	5.72	4.26	4.63	20.72	ppb
Selenium	78-2	1.40	1.17	1.39	1.32	9.78	ppb
Silicon	28-1	2176.47	2134.97	2052.91	2121.45	2.96	ppb
Silver	107-1	0.01	0.01	0.01	0.01	11.37	ppb
Silver	109-1	0.01	0.01	0.01	0.01	5.99	ppb
Sodium	23-2	1925.62	1885.96	1902.23	1904.60	1.05	ppb
Strontium	86-1	17.94	17.76	17.84	17.85	0.49	ppb
Strontium	88-1	19.12	18.51	18.96	18.86	1.69	ppb
Sulfur	34-1	16488.84	15895.31	14998.02	15794.06	4.75	ppb
Terbium	159-1				107		%
Terbium	159-2				104		%
Thallium	203-1	0.03	0.03	0.03	0.03	5.81	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	5.62	ppb
Tin	118-1	0.03	0.03	0.03	0.03	3.98	ppb
Titanium	47-1	0.23	0.23	0.22	0.22	2.89	ppb
Uranium	238-1	0.22	0.22	0.22	0.22	2.21	ppb

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	Q1730-06DL3X25	Instrumnet Name :	P8
Client Sample ID :	OU4-VSL-17-040325DL3	Dilution Factor :	25
Date & Time Acquired :	2025-04-14 16:51:59	DataFile Name :	031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	9.76	9.89	9.77	9.81	0.73	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				116		%
Yttrium	89-2				112		%
Zinc	66-2	35.64	35.91	35.13	35.56	1.11	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	4.73	ppb
Zirconium	91-1	0.02	0.02	0.02	0.02	4.32	ppb

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	Q1730-08DL2X10	Instrumnet Name :	P8
Client Sample ID :	OU4-PCS-TC-21-040325	Dilution Factor :	10
Date & Time Acquired :	2025-04-14 16:55:16	DataFile Name :	032AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1750.93	1760.81	1722.16	1744.63	1.15	ppb
Antimony	121-1	1.41	1.40	1.40	1.40	0.25	ppb
Arsenic	75-2	0.44	0.46	0.43	0.44	3.56	ppb
Barium	135-1	12.73	12.64	12.49	12.62	0.96	ppb
Barium	137-1	12.86	12.64	12.55	12.68	1.23	ppb
Beryllium	9-1	0.20	0.18	0.20	0.19	5.69	ppb
Bismuth	209-1				104		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Cadmium	108-1	0.16	0.16	0.23	0.18	23.39	ppb
Cadmium	106-1	0.68	0.66	0.33	0.56	35.14	ppb
Cadmium	111-1	0.20	0.19	0.18	0.19	7.11	ppb
Calcium	43-1	33547.41	34184.45	34393.75	34041.87	1.29	ppb
Calcium	44-1	33343.30	33669.20	33822.74	33611.75	0.73	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.29	0.29	0.29	0.29	0.34	ppb
Cobalt	59-2	12.79	12.65	12.74	12.73	0.54	ppb
Copper	63-2	8.94	8.87	9.11	8.97	1.38	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				103		%
Indium	115-1				109		%
Indium	115-2				102		%
Iron	54-2	29699.91	30137.51	30420.47	30085.97	1.21	ppb
Iron	56-2	29920.72	29770.15	29772.99	29821.29	0.29	ppb
Iron	57-2	29970.05	30168.95	30230.83	30123.28	0.45	ppb
Krypton	83-1						cps
Lead	206-1	0.43	0.44	0.43	0.44	1.87	ppb

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	Q1730-08DL2X10	Instrumnet Name :	P8
Client Sample ID :	OU4-PCS-TC-21-040325	Dilution Factor :	10
Date & Time Acquired :	2025-04-14 16:55:16	DataFile Name :	032AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.45	0.48	0.43	0.45	6.27	ppb
Lead	208-1	0.44	0.46	0.43	0.44	3.08	ppb
Lithium	6-1				105		%
Magnesium	24-2	6744.06	6701.43	6784.13	6743.21	0.61	ppb
Manganese	55-2	754.68	783.93	779.83	772.81	2.05	ppb
Molybdenum	94-1	0.11	0.13	0.16	0.14	19.62	ppb
Molybdenum	95-1	0.05	0.04	0.05	0.05	7.12	ppb
Molybdenum	96-1	0.15	0.16	0.16	0.15	3.84	ppb
Molybdenum	97-1	0.04	0.05	0.05	0.05	9.66	ppb
Molybdenum	98-1	0.04	0.04	0.04	0.04	4.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.02	6.06	5.99	6.02	0.61	ppb
Phosphorus	31-2	5.44	22.87	-2.32	8.66	148.96	ppb
Potassium	39-2	374.00	370.96	366.83	370.59	0.97	ppb
Rhodium	103-1				105		%
Rhodium	103-2				103		%
Scandium	45-1				113		%
Scandium	45-2				109		%
Selenium	82-1	0.33	0.29	0.40	0.34	16.04	ppb
Selenium	77-2	5.29	9.33	7.47	7.36	27.49	ppb
Selenium	78-2	2.87	2.13	3.19	2.73	19.86	ppb
Silicon	28-1	5000.02	4861.89	4902.58	4921.50	1.44	ppb
Silver	107-1	0.02	0.02	0.02	0.02	4.30	ppb
Silver	109-1	0.02	0.02	0.02	0.02	4.65	ppb
Sodium	23-2	7490.81	7371.03	7385.83	7415.89	0.88	ppb
Strontium	86-1	53.14	52.78	54.13	53.35	1.31	ppb
Strontium	88-1	55.38	56.51	56.75	56.21	1.30	ppb
Sulfur	34-1	43883.46	43709.32	43172.68	43588.49	0.85	ppb
Terbium	159-1				108		%
Terbium	159-2				101		%
Thallium	203-1	0.08	0.08	0.08	0.08	2.09	ppb
Thallium	205-1	0.08	0.08	0.08	0.08	1.82	ppb
Tin	118-1	0.16	0.15	0.15	0.15	4.16	ppb
Titanium	47-1	0.44	0.43	0.48	0.45	6.07	ppb
Uranium	238-1	0.43	0.44	0.43	0.44	1.82	ppb

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	Q1730-08DL2X10	Instrumnet Name :	P8
Client Sample ID :	OU4-PCS-TC-21-040325	Dilution Factor :	10
Date & Time Acquired :	2025-04-14 16:55:16	DataFile Name :	032AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	5.74	5.56	5.74	5.68	1.80	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				120		%
Yttrium	89-2				113		%
Zinc	66-2	88.39	88.76	89.39	88.85	0.57	ppb
Zirconium	90-1	0.04	0.05	0.05	0.05	10.87	ppb
Zirconium	91-1	0.03	0.05	0.05	0.05	22.96	ppb

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	Q1730-10DL2X10	Instrumnet Name :	P8
Client Sample ID :	OU4-PCS-TC-22-040325	Dilution Factor :	10
Date & Time Acquired :	2025-04-14 16:58:30	DataFile Name :	033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2260.06	2280.07	2232.17	2257.43	1.07	ppb
Antimony	121-1	0.03	0.03	0.03	0.03	4.01	ppb
Arsenic	75-2	0.27	0.32	0.27	0.28	10.64	ppb
Barium	135-1	12.21	12.26	12.45	12.31	1.00	ppb
Barium	137-1	12.25	12.27	12.45	12.32	0.88	ppb
Beryllium	9-1	0.10	0.10	0.09	0.10	6.95	ppb
Bismuth	209-1				103		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Cadmium	108-1	0.06	0.08	0.10	0.08	23.82	ppb
Cadmium	106-1	0.27	0.40	0.37	0.35	19.21	ppb
Cadmium	111-1	0.07	0.08	0.07	0.07	6.15	ppb
Calcium	43-1	30407.40	32068.55	31471.61	31315.85	2.69	ppb
Calcium	44-1	30431.43	31569.26	31079.71	31026.80	1.84	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.24	0.26	0.22	0.24	7.68	ppb
Cobalt	59-2	11.84	12.14	11.75	11.91	1.75	ppb
Copper	63-2	9.55	9.72	9.32	9.53	2.10	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				106		%
Holmium	165-2				103		%
Indium	115-1				110		%
Indium	115-2				102		%
Iron	54-2	30070.02	31154.76	29561.21	30261.99	2.69	ppb
Iron	56-2	30005.14	30767.17	29713.52	30161.94	1.80	ppb
Iron	57-2	30297.90	30872.66	29946.79	30372.45	1.54	ppb
Krypton	83-1						cps
Lead	206-1	0.14	0.12	0.13	0.13	9.80	ppb

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	Q1730-10DL2X10	Instrumnet Name :	P8
Client Sample ID :	OU4-PCS-TC-22-040325	Dilution Factor :	10
Date & Time Acquired :	2025-04-14 16:58:30	DataFile Name :	033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.12	0.13	0.13	0.13	3.51	ppb
Lead	208-1	0.13	0.12	0.12	0.12	2.84	ppb
Lithium	6-1				102		%
Magnesium	24-2	6858.68	6952.50	6717.98	6843.05	1.72	ppb
Manganese	55-2	712.08	727.78	694.29	711.38	2.36	ppb
Molybdenum	94-1	0.05	0.05	0.05	0.05	6.05	ppb
Molybdenum	95-1	0.02	0.02	0.03	0.02	18.14	ppb
Molybdenum	96-1	0.13	0.13	0.12	0.13	3.20	ppb
Molybdenum	97-1	0.02	0.02	0.02	0.02	12.79	ppb
Molybdenum	98-1	0.01	0.01	0.01	0.01	7.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.66	5.86	5.72	5.75	1.78	ppb
Phosphorus	31-2	-18.56	-17.97	-17.87	-18.13		ppb
Potassium	39-2	293.97	300.40	292.21	295.53	1.46	ppb
Rhodium	103-1				105		%
Rhodium	103-2				103		%
Scandium	45-1				114		%
Scandium	45-2				111		%
Selenium	82-1	0.17	0.22	0.03	0.14	68.50	ppb
Selenium	77-2	5.65	12.54	5.32	7.84	52.02	ppb
Selenium	78-2	2.65	3.09	2.99	2.91	7.82	ppb
Silicon	28-1	4892.10	5034.39	4967.29	4964.59	1.43	ppb
Silver	107-1	0.00	0.00	0.00	0.00	3.73	ppb
Silver	109-1	0.00	0.00	0.01	0.01	18.28	ppb
Sodium	23-2	5959.90	6020.27	5922.38	5967.52	0.83	ppb
Strontium	86-1	50.99	50.94	51.23	51.05	0.30	ppb
Strontium	88-1	52.12	54.28	53.76	53.39	2.11	ppb
Sulfur	34-1	42103.58	42480.72	41447.24	42010.51	1.24	ppb
Terbium	159-1				106		%
Terbium	159-2				102		%
Thallium	203-1	0.02	0.02	0.02	0.02	10.68	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	8.27	ppb
Tin	118-1	0.02	0.03	0.03	0.03	22.29	ppb
Titanium	47-1	0.41	0.43	0.41	0.42	1.98	ppb
Uranium	238-1	0.42	0.42	0.42	0.42	0.68	ppb

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	Q1730-10DL2X10	Instrumnet Name :	P8
Client Sample ID :	OU4-PCS-TC-22-040325	Dilution Factor :	10
Date & Time Acquired :	2025-04-14 16:58:30	DataFile Name :	033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	8.35	8.42	8.32	8.36	0.65	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				120		%
Yttrium	89-2				113		%
Zinc	66-2	72.40	73.84	72.61	72.95	1.06	ppb
Zirconium	90-1	0.01	0.02	0.02	0.02	4.81	ppb
Zirconium	91-1	0.01	0.02	0.02	0.02	6.81	ppb

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	Q1730-18DL2X10	Instrumnet Name :	P8
Client Sample ID :	OU4-PCS-TC-26-040325	Dilution Factor :	10
Date & Time Acquired :	2025-04-14 17:01:46	DataFile Name :	034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1847.18	1867.84	1827.77	1847.60	1.08	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	14.67	ppb
Arsenic	75-2	0.25	0.26	0.20	0.24	13.52	ppb
Barium	135-1	11.60	11.78	11.50	11.63	1.23	ppb
Barium	137-1	11.60	11.89	11.76	11.75	1.25	ppb
Beryllium	9-1	0.06	0.06	0.06	0.06	4.13	ppb
Bismuth	209-1				100		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Cadmium	108-1	0.05	0.03	0.01	0.03	72.77	ppb
Cadmium	106-1	0.28	0.53	0.01	0.27	96.90	ppb
Cadmium	111-1	0.05	0.08	0.04	0.06	37.78	ppb
Calcium	43-1	35394.69	35138.23	35387.67	35306.86	0.41	ppb
Calcium	44-1	34571.78	34460.52	34277.80	34436.70	0.43	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.30	0.28	0.30	0.30	3.51	ppb
Cobalt	59-2	10.23	10.32	10.01	10.19	1.57	ppb
Copper	63-2	5.93	5.77	5.73	5.81	1.80	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				106		%
Holmium	165-2				103		%
Indium	115-1				109		%
Indium	115-2				102		%
Iron	54-2	29768.63	29023.82	29157.50	29316.65	1.35	ppb
Iron	56-2	28679.52	28970.27	28864.33	28838.04	0.51	ppb
Iron	57-2	29410.81	29446.30	28892.25	29249.79	1.06	ppb
Krypton	83-1						cps
Lead	206-1	0.13	0.12	0.12	0.12	3.02	ppb

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	Q1730-18DL2X10	Instrumnet Name :	P8
Client Sample ID :	OU4-PCS-TC-26-040325	Dilution Factor :	10
Date & Time Acquired :	2025-04-14 17:01:46	DataFile Name :	034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.13	0.12	0.11	0.12	6.21	ppb
Lead	208-1	0.12	0.12	0.12	0.12	1.37	ppb
Lithium	6-1				101		%
Magnesium	24-2	8216.35	8249.42	8135.70	8200.49	0.71	ppb
Manganese	55-2	747.92	752.51	747.78	749.40	0.36	ppb
Molybdenum	94-1	0.06	0.07	0.08	0.07	12.39	ppb
Molybdenum	95-1	0.03	0.03	0.03	0.03	7.98	ppb
Molybdenum	96-1	0.14	0.13	0.14	0.13	5.38	ppb
Molybdenum	97-1	0.02	0.03	0.02	0.02	8.05	ppb
Molybdenum	98-1	0.02	0.02	0.02	0.02	5.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	9.18	9.12	9.05	9.11	0.71	ppb
Phosphorus	31-2	-16.88	-13.14	-14.47	-14.83		ppb
Potassium	39-2	310.07	311.83	311.19	311.03	0.29	ppb
Rhodium	103-1				104		%
Rhodium	103-2				103		%
Scandium	45-1				113		%
Scandium	45-2				111		%
Selenium	82-1	0.24	0.35	0.08	0.22	59.13	ppb
Selenium	77-2	11.10	10.07	6.09	9.09	29.13	ppb
Selenium	78-2	1.69	1.59	3.13	2.14	40.13	ppb
Silicon	28-1	4505.45	4598.58	4562.84	4555.63	1.03	ppb
Silver	107-1	0.00	0.00	0.00	0.00	19.91	ppb
Silver	109-1	0.00	0.00	0.00	0.00	37.32	ppb
Sodium	23-2	8092.18	8158.32	8036.23	8095.58	0.75	ppb
Strontium	86-1	49.57	51.72	51.73	51.01	2.45	ppb
Strontium	88-1	53.07	53.47	52.70	53.08	0.73	ppb
Sulfur	34-1	45049.10	46003.98	46069.51	45707.53	1.25	ppb
Terbium	159-1				106		%
Terbium	159-2				103		%
Thallium	203-1	0.01	0.02	0.01	0.01	18.90	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	2.13	ppb
Tin	118-1	0.03	0.03	0.03	0.03	7.36	ppb
Titanium	47-1	1.21	1.16	1.21	1.20	2.58	ppb
Uranium	238-1	0.36	0.37	0.37	0.37	0.86	ppb

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	Q1730-18DL2X10	Instrumnet Name :	P8
Client Sample ID :	OU4-PCS-TC-26-040325	Dilution Factor :	10
Date & Time Acquired :	2025-04-14 17:01:46	DataFile Name :	034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	16.88	16.94	16.62	16.81	1.01	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				118		%
Yttrium	89-2				113		%
Zinc	66-2	70.68	70.71	69.40	70.26	1.06	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	9.60	ppb
Zirconium	91-1	0.03	0.02	0.02	0.02	12.85	ppb

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	Q1730-20DL2X10	Instrumnet Name :	P8
Client Sample ID :	OU4-CF-15-040325DL2	Dilution Factor :	10
Date & Time Acquired :	2025-04-14 17:04:59	DataFile Name :	035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	662.68	665.61	655.00	661.09	0.83	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	27.15	ppb
Arsenic	75-2	0.16	0.16	0.18	0.17	7.65	ppb
Barium	135-1	11.36	11.89	12.01	11.75	2.95	ppb
Barium	137-1	11.45	11.80	12.05	11.77	2.55	ppb
Beryllium	9-1	0.06	0.06	0.05	0.06	6.95	ppb
Bismuth	209-1				102		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Cadmium	108-1	0.06	0.08	0.06	0.07	19.19	ppb
Cadmium	106-1	0.18	0.20	0.30	0.23	28.72	ppb
Cadmium	111-1	0.06	0.07	0.07	0.07	7.44	ppb
Calcium	43-1	38206.08	38000.58	36955.24	37720.63	1.78	ppb
Calcium	44-1	37629.95	38187.19	36796.11	37537.75	1.87	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.16	0.11	0.11	0.13	20.90	ppb
Cobalt	59-2	20.05	19.41	19.65	19.70	1.64	ppb
Copper	63-2	4.88	4.73	4.77	4.80	1.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				104		%
Indium	115-1				111		%
Indium	115-2				103		%
Iron	54-2	21746.25	21718.19	21880.30	21781.58	0.40	ppb
Iron	56-2	21721.69	21159.80	21223.56	21368.35	1.44	ppb
Iron	57-2	22086.89	21793.66	22095.73	21992.09	0.78	ppb
Krypton	83-1						cps
Lead	206-1	0.07	0.06	0.07	0.07	8.10	ppb

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	Q1730-20DL2X10	Instrumnet Name :	P8
Client Sample ID :	OU4-CF-15-040325DL2	Dilution Factor :	10
Date & Time Acquired :	2025-04-14 17:04:59	DataFile Name :	035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.07	0.07	0.06	0.07	1.35	ppb
Lead	208-1	0.06	0.06	0.06	0.06	4.27	ppb
Lithium	6-1				98		%
Magnesium	24-2	6482.44	6312.10	6284.16	6359.57	1.69	ppb
Manganese	55-2	1215.96	1185.60	1182.25	1194.61	1.55	ppb
Molybdenum	94-1	0.05	0.05	0.06	0.06	7.96	ppb
Molybdenum	95-1	0.02	0.02	0.02	0.02	7.97	ppb
Molybdenum	96-1	0.10	0.10	0.10	0.10	0.31	ppb
Molybdenum	97-1	0.01	0.01	0.01	0.01	14.96	ppb
Molybdenum	98-1	0.01	0.01	0.01	0.01	14.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	7.34	7.20	7.35	7.30	1.11	ppb
Phosphorus	31-2	-21.42	-18.52	-15.79	-18.58		ppb
Potassium	39-2	327.69	321.14	323.23	324.02	1.03	ppb
Rhodium	103-1				106		%
Rhodium	103-2				104		%
Scandium	45-1				114		%
Scandium	45-2				111		%
Selenium	82-1	0.07	-0.01	0.27	0.11	133.57	ppb
Selenium	77-2	5.03	8.30	4.65	5.99	33.42	ppb
Selenium	78-2	1.73	1.17	1.73	1.54	20.86	ppb
Silicon	28-1	4168.81	4158.03	4035.95	4120.93	1.79	ppb
Silver	107-1	0.00	0.00	0.00	0.00	30.04	ppb
Silver	109-1	0.00	0.00	0.00	0.00	18.46	ppb
Sodium	23-2	5909.74	5783.93	5790.57	5828.08	1.21	ppb
Strontium	86-1	65.71	65.46	64.22	65.13	1.23	ppb
Strontium	88-1	68.17	69.07	67.11	68.11	1.44	ppb
Sulfur	34-1	40938.46	40243.50	39093.01	40091.66	2.32	ppb
Terbium	159-1				106		%
Terbium	159-2				102		%
Thallium	203-1	0.01	0.01	0.01	0.01	4.02	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	9.94	ppb
Tin	118-1	0.03	0.04	0.03	0.04	21.18	ppb
Titanium	47-1	0.35	0.33	0.36	0.35	4.30	ppb
Uranium	238-1	0.24	0.25	0.25	0.24	1.66	ppb

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	Q1730-20DL2X10	Instrumnet Name :	P8
Client Sample ID :	OU4-CF-15-040325DL2	Dilution Factor :	10
Date & Time Acquired :	2025-04-14 17:04:59	DataFile Name :	035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	1.50	1.44	1.46	1.47	2.13	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				117		%
Yttrium	89-2				112		%
Zinc	66-2	78.05	76.36	77.87	77.42	1.20	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	8.43	ppb
Zirconium	91-1	0.02	0.02	0.01	0.02	13.89	ppb

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	Q1730-20DUPDL2X10	Instrumnet Name :	P8
Client Sample ID :	OU4-CF-15-040325DUP	Dilution Factor :	10
Date & Time Acquired :	2025-04-14 17:08:13	DataFile Name :	036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	695.75	671.37	663.40	676.84	2.49	ppb
Antimony	121-1	0.02	0.01	0.02	0.02	24.00	ppb
Arsenic	75-2	0.25	0.21	0.23	0.23	8.25	ppb
Barium	135-1	11.80	12.66	17.59	14.02	22.29	ppb
Barium	137-1	11.85	12.50	18.04	14.13	24.05	ppb
Beryllium	9-1	0.06	0.06	0.10	0.07	30.71	ppb
Bismuth	209-1				89		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Cadmium	108-1	0.08	0.09	0.11	0.09	14.60	ppb
Cadmium	106-1	-0.02	0.51	0.58	0.36	92.26	ppb
Cadmium	111-1	0.06	0.10	0.12	0.09	33.89	ppb
Calcium	43-1	37405.41	39643.03	58179.22	45075.88	25.30	ppb
Calcium	44-1	36484.62	38494.82	56920.66	43966.70	25.62	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.10	0.10	0.11	0.10	7.89	ppb
Cobalt	59-2	20.33	20.03	20.45	20.27	1.07	ppb
Copper	63-2	4.87	4.88	4.89	4.88	0.15	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				95		%
Holmium	165-2				101		%
Indium	115-1				95		%
Indium	115-2				100		%
Iron	54-2	22512.96	21973.82	22222.77	22236.52	1.21	ppb
Iron	56-2	21748.85	21718.95	22131.44	21866.41	1.05	ppb
Iron	57-2	22479.04	22523.93	22325.39	22442.79	0.46	ppb
Krypton	83-1						cps
Lead	206-1	0.08	0.09	0.15	0.11	31.61	ppb

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	Q1730-20DUPDL2X10	Instrumnet Name :	P8
Client Sample ID :	OU4-CF-15-040325DUPI	Dilution Factor :	10
Date & Time Acquired :	2025-04-14 17:08:13	DataFile Name :	036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.09	0.10	0.13	0.11	22.62	ppb
Lead	208-1	0.08	0.10	0.14	0.11	27.32	ppb
Lithium	6-1				83		%
Magnesium	24-2	6651.03	6563.02	6524.54	6579.53	0.99	ppb
Manganese	55-2	1218.40	1211.60	1219.88	1216.63	0.36	ppb
Molybdenum	94-1	0.04	0.05	0.08	0.06	39.39	ppb
Molybdenum	95-1	0.02	0.03	0.03	0.03	29.02	ppb
Molybdenum	96-1	0.10	0.10	0.15	0.11	27.04	ppb
Molybdenum	97-1	0.01	0.01	0.02	0.02	47.41	ppb
Molybdenum	98-1	0.01	0.01	0.02	0.01	40.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	7.26	7.40	7.49	7.39	1.55	ppb
Phosphorus	31-2	-20.67	-27.03	-23.40	-23.70		ppb
Potassium	39-2	343.00	333.84	338.29	338.38	1.35	ppb
Rhodium	103-1				92		%
Rhodium	103-2				101		%
Scandium	45-1				100		%
Scandium	45-2				108		%
Selenium	82-1	0.07	0.13	0.28	0.16	67.91	ppb
Selenium	77-2	6.76	5.81	7.50	6.69	12.64	ppb
Selenium	78-2	2.05	2.19	1.92	2.05	6.49	ppb
Silicon	28-1	4036.83	4107.33	6352.48	4832.21	27.26	ppb
Silver	107-1	0.00	0.00	0.00	0.00	33.62	ppb
Silver	109-1	0.00	0.00	0.00	0.00	26.86	ppb
Sodium	23-2	6041.58	5953.11	5961.94	5985.54	0.81	ppb
Strontium	86-1	64.65	67.49	93.75	75.30	21.31	ppb
Strontium	88-1	66.97	70.97	97.03	78.32	20.84	ppb
Sulfur	34-1	39421.41	41378.25	63686.36	48162.01	27.99	ppb
Terbium	159-1				92		%
Terbium	159-2				100		%
Thallium	203-1	0.01	0.01	0.02	0.01	21.09	ppb
Thallium	205-1	0.01	0.01	0.02	0.01	37.76	ppb
Tin	118-1	0.03	0.05	0.12	0.07	74.21	ppb
Titanium	47-1	0.36	0.32	0.52	0.40	26.13	ppb
Uranium	238-1	0.23	0.26	0.36	0.29	24.40	ppb

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	Q1730-20DUPDL2X10	Instrumnet Name :	P8
Client Sample ID :	OU4-CF-15-040325DUP	Dilution Factor :	10
Date & Time Acquired :	2025-04-14 17:08:13	DataFile Name :	036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	1.49	1.45	1.57	1.50	4.03	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				109		%
Zinc	66-2	80.30	78.57	79.85	79.57	1.12	ppb
Zirconium	90-1	0.01	0.02	0.02	0.02	41.25	ppb
Zirconium	91-1	0.01	0.02	0.03	0.02	34.97	ppb

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	Q1730-20LDL2X50	Instrumnet Name :	P8
Client Sample ID :	OU4-CF-15-040325LDL2	Dilution Factor :	50
Date & Time Acquired :	2025-04-14 17:11:26	DataFile Name :	037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	134.54	136.30	133.47	134.77	1.06	ppb
Antimony	121-1	0.16	0.15	0.16	0.16	0.83	ppb
Arsenic	75-2	0.03	0.03	0.04	0.03	16.10	ppb
Barium	135-1	2.45	2.45	2.43	2.44	0.48	ppb
Barium	137-1	2.38	2.41	2.44	2.41	1.24	ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	29.59	ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Cadmium	108-1	0.04	0.08	0.03	0.05	47.62	ppb
Cadmium	106-1	0.04	0.16	0.01	0.07	111.70	ppb
Cadmium	111-1	0.01	0.02	0.01	0.01	54.77	ppb
Calcium	43-1	7664.31	7867.14	7799.31	7776.92	1.33	ppb
Calcium	44-1	7690.12	7739.83	7760.98	7730.31	0.47	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.05	0.04	0.04	0.04	19.88	ppb
Cobalt	59-2	4.11	4.08	4.06	4.08	0.72	ppb
Copper	63-2	1.02	0.97	0.99	0.99	2.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				104		%
Indium	115-1				109		%
Indium	115-2				105		%
Iron	54-2	4379.90	4322.29	4301.26	4334.48	0.94	ppb
Iron	56-2	4434.50	4386.45	4275.64	4365.53	1.87	ppb
Iron	57-2	4305.02	4273.16	4223.90	4267.36	0.96	ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.03	0.02	0.02	9.10	ppb

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	Q1730-20LDL2X50	Instrumnet Name :	P8
Client Sample ID :	OU4-CF-15-040325LDL2	Dilution Factor :	50
Date & Time Acquired :	2025-04-14 17:11:26	DataFile Name :	037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.03	0.03	0.02	0.03	11.97	ppb
Lead	208-1	0.02	0.02	0.02	0.02	14.52	ppb
Lithium	6-1				93		%
Magnesium	24-2	1306.13	1288.19	1295.59	1296.64	0.70	ppb
Manganese	55-2	236.17	235.31	231.45	234.31	1.07	ppb
Molybdenum	94-1	0.02	0.03	0.03	0.02	9.30	ppb
Molybdenum	95-1	0.01	0.01	0.01	0.01	7.83	ppb
Molybdenum	96-1	0.02	0.02	0.02	0.02	15.91	ppb
Molybdenum	97-1	0.01	0.00	0.00	0.00	107.20	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	143.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.53	1.48	1.49	1.50	1.76	ppb
Phosphorus	31-2	-21.79	-23.14	-10.10	-18.34		ppb
Potassium	39-2	91.69	92.72	91.70	92.04	0.64	ppb
Rhodium	103-1				106		%
Rhodium	103-2				106		%
Scandium	45-1				114		%
Scandium	45-2				112		%
Selenium	82-1	0.07	0.17	0.02	0.09	91.33	ppb
Selenium	77-2	0.62	1.00	1.39	1.00	38.56	ppb
Selenium	78-2	-0.01	0.67	1.13	0.60	95.88	ppb
Silicon	28-1	824.29	864.83	839.52	842.88	2.43	ppb
Silver	107-1	0.00	0.00	0.00	0.00	89.84	ppb
Silver	109-1	0.00	0.00	0.00	0.00	8.60	ppb
Sodium	23-2	1222.18	1206.47	1214.64	1214.43	0.65	ppb
Strontium	86-1	13.97	13.77	14.11	13.95	1.24	ppb
Strontium	88-1	14.28	13.84	13.96	14.03	1.62	ppb
Sulfur	34-1	7863.18	8415.07	8227.99	8168.75	3.44	ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	0.00	0.01	0.01	0.01	32.69	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	14.57	ppb
Tin	118-1	0.01	0.02	0.02	0.01	22.56	ppb
Titanium	47-1	0.10	0.10	0.09	0.10	10.90	ppb
Uranium	238-1	0.05	0.05	0.05	0.05	2.87	ppb

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	Q1730-20LDL2X50	Instrumnet Name :	P8
Client Sample ID :	OU4-CF-15-040325LDL2	Dilution Factor :	50
Date & Time Acquired :	2025-04-14 17:11:26	DataFile Name :	037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.33	0.29	0.27	0.30	9.44	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				108		%
Zinc	66-2	15.96	16.06	15.74	15.92	1.02	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	34.65	ppb
Zirconium	91-1	0.01	0.01	0.01	0.01	8.33	ppb

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired :	2025-04-14 17:16:24	DataFile Name :	038CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49322.88	49586.54	48687.18	49198.87	0.94	ppb
Antimony	121-1	522.54	529.94	522.36	524.95	0.82	ppb
Arsenic	75-2	511.90	513.76	514.45	513.37	0.26	ppb
Barium	135-1	2622.71	2619.39	2562.08	2601.39	1.31	ppb
Barium	137-1	2641.48	2634.52	2542.39	2606.13	2.12	ppb
Beryllium	9-1	575.43	524.12	532.92	544.16	5.04	ppb
Bismuth	209-1				85		%
Bismuth	209-2				85		%
Bromine	81-1						cps
Cadmium	108-1	518.86	517.68	506.07	514.20	1.37	ppb
Cadmium	106-1	515.53	523.99	510.74	516.76	1.30	ppb
Cadmium	111-1	535.23	522.45	502.23	519.97	3.20	ppb
Calcium	43-1	251295.19	252891.80	249605.76	251264.25	0.65	ppb
Calcium	44-1	250154.97	249198.06	244339.44	247897.49	1.26	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	510.12	512.61	506.92	509.88	0.56	ppb
Cobalt	59-2	489.26	492.31	487.56	489.71	0.49	ppb
Copper	63-2	4557.50	4679.01	4684.99	4640.50	1.55	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				95		%
Holmium	165-2				98		%
Indium	115-1				92		%
Indium	115-2				86		%
Iron	54-2	120272.29	121636.70	120830.73	120913.24	0.57	ppb
Iron	56-2	118812.07	121457.99	119456.05	119908.71	1.15	ppb
Iron	57-2	121191.27	123075.03	121051.56	121772.62	0.93	ppb
Krypton	83-1						cps
Lead	206-1	2566.54	2545.48	2546.45	2552.82	0.47	ppb

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired :	2025-04-14 17:16:24	DataFile Name :	038CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2579.68	2551.69	2548.94	2560.11	0.66	ppb
Lead	208-1	2576.04	2528.17	2537.98	2547.40	0.99	ppb
Lithium	6-1				87		%
Magnesium	24-2	254971.59	256099.71	252277.76	254449.69	0.77	ppb
Manganese	55-2	5014.27	5024.50	4989.81	5009.53	0.36	ppb
Molybdenum	94-1	5043.57	4952.06	5015.74	5003.79	0.94	ppb
Molybdenum	95-1	5110.02	4860.72	5022.71	4997.82	2.53	ppb
Molybdenum	96-1	5042.24	4871.97	5018.02	4977.41	1.85	ppb
Molybdenum	97-1	5019.98	4949.09	4984.14	4984.40	0.71	ppb
Molybdenum	98-1	4991.50	4973.03	5044.55	5003.03	0.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	469.15	488.23	479.14	478.84	1.99	ppb
Phosphorus	31-2	10476.68	10477.65	10487.09	10480.47	0.05	ppb
Potassium	39-2	123261.86	121918.99	122325.58	122502.14	0.56	ppb
Rhodium	103-1				88		%
Rhodium	103-2				88		%
Scandium	45-1				101		%
Scandium	45-2				106		%
Selenium	82-1	495.85	475.78	482.28	484.64	2.11	ppb
Selenium	77-2	490.80	515.34	485.65	497.26	3.19	ppb
Selenium	78-2	502.09	517.58	507.42	509.03	1.55	ppb
Silicon	28-1	522.57	530.36	522.05	524.99	0.89	ppb
Silver	107-1	504.99	506.79	502.29	504.69	0.45	ppb
Silver	109-1	509.79	504.75	487.27	500.60	2.36	ppb
Sodium	23-2	257147.68	258883.16	257009.78	257680.21	0.41	ppb
Strontium	86-1	509.98	501.94	508.76	506.89	0.86	ppb
Strontium	88-1	511.69	500.25	497.58	503.17	1.49	ppb
Sulfur	34-1	11552.93	11132.86	10800.39	11162.06	3.38	ppb
Terbium	159-1				96		%
Terbium	159-2				94		%
Thallium	203-1	510.87	511.27	516.65	512.93	0.63	ppb
Thallium	205-1	515.45	509.86	508.84	511.38	0.70	ppb
Tin	118-1	528.13	522.86	518.36	523.12	0.94	ppb
Titanium	47-1	5119.56	5220.87	5053.09	5131.17	1.65	ppb
Uranium	238-1	517.61	509.26	508.70	511.86	0.97	ppb

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired :	2025-04-14 17:16:24	DataFile Name :	038CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	518.90	513.98	515.26	516.05	0.50	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	4560.38	4663.47	4693.01	4638.95	1.50	ppb
Zirconium	90-1	511.20	499.17	501.92	504.09	1.25	ppb
Zirconium	91-1	512.04	498.68	507.35	506.02	1.34	ppb

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P8
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired :	2025-04-14 17:20:34	DataFile Name :	039CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.55	0.84	0.91	1.10	35.75	ppb
Antimony	121-1	0.07	0.06	0.04	0.06	26.59	ppb
Arsenic	75-2	-0.02	-0.02	-0.02	-0.02		ppb
Barium	135-1	0.03	0.02	0.03	0.03	15.92	ppb
Barium	137-1	0.03	0.02	0.02	0.03	12.93	ppb
Beryllium	9-1	0.02	0.02	0.02	0.02	12.37	ppb
Bismuth	209-1				100		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Cadmium	108-1	0.06	0.02	0.00	0.03	128.57	ppb
Cadmium	106-1	0.37	0.14	0.31	0.27	44.28	ppb
Cadmium	111-1	0.04	0.02	0.03	0.03	27.58	ppb
Calcium	43-1	1.69	1.24	1.90	1.61	20.93	ppb
Calcium	44-1	7.20	6.72	8.15	7.36	9.92	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	0.00		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	3.62	ppb
Copper	63-2	0.05	0.05	0.07	0.06	19.54	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				105		%
Indium	115-1				106		%
Indium	115-2				104		%
Iron	54-2	1.20	1.27	1.81	1.43	23.29	ppb
Iron	56-2	1.29	1.21	1.11	1.20	7.69	ppb
Iron	57-2	1.80	1.56	1.18	1.51	20.46	ppb
Krypton	83-1						cps
Lead	206-1	0.09	0.08	0.08	0.08	8.30	ppb

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P8
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired :	2025-04-14 17:20:34	DataFile Name :	039CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.09	0.09	0.09	0.09	2.49	ppb
Lead	208-1	0.09	0.08	0.08	0.08	5.77	ppb
Lithium	6-1				101		%
Magnesium	24-2	3.39	3.47	3.06	3.31	6.47	ppb
Manganese	55-2	-8.32	-8.38	-8.36	-8.35		ppb
Molybdenum	94-1	0.15	0.14	0.15	0.15	3.93	ppb
Molybdenum	95-1	0.09	0.08	0.07	0.08	12.10	ppb
Molybdenum	96-1	0.08	0.08	0.08	0.08	3.99	ppb
Molybdenum	97-1	0.08	0.06	0.06	0.07	15.61	ppb
Molybdenum	98-1	0.08	0.07	0.06	0.07	12.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.00	0.01	0.00	160.60	ppb
Phosphorus	31-2	-22.56	-19.60	-22.34	-21.50		ppb
Potassium	39-2	37.17	37.15	34.13	36.15	4.84	ppb
Rhodium	103-1				103		%
Rhodium	103-2				107		%
Scandium	45-1				111		%
Scandium	45-2				111		%
Selenium	82-1	0.13	-0.09	0.05	0.03	365.25	ppb
Selenium	77-2	-0.14	-0.14	0.25	-0.01		ppb
Selenium	78-2	0.46	0.24	0.70	0.47	50.13	ppb
Silicon	28-1	-3.92	-3.52	-2.10	-3.18		ppb
Silver	107-1	0.02	0.02	0.02	0.02	8.23	ppb
Silver	109-1	0.02	0.02	0.02	0.02	5.65	ppb
Sodium	23-2	41.41	37.79	36.29	38.49	6.83	ppb
Strontium	86-1	0.01	0.02	0.02	0.01	25.61	ppb
Strontium	88-1	0.01	0.01	0.01	0.01	18.80	ppb
Sulfur	34-1	28.99	47.51	374.25	150.25	129.26	ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	0.03	0.02	0.03	0.03	8.78	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	5.22	ppb
Tin	118-1	0.00	-0.01	-0.01	-0.01		ppb
Titanium	47-1	0.09	0.07	0.10	0.09	21.50	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	32.88	ppb

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P8
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired :	2025-04-14 17:20:34	DataFile Name :	039CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.01	0.00	0.00	0.00	63.75	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				106		%
Zinc	66-2	0.18	0.27	0.20	0.22	21.61	ppb
Zirconium	90-1	0.04	0.04	0.04	0.04	3.13	ppb
Zirconium	91-1	0.05	0.03	0.04	0.04	15.82	ppb

LB Number : LB135426 Operator : Jaswal
 Lab Sample ID : Q1730-20MSDL2X10 Instrumnet Name : P8
 Client Sample ID : OU4-CF-15-040325MSDI Dilution Factor : 10
 Date & Time Acquired : 2025-04-14 17:24:11 DataFile Name : 040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1607.31	1602.19	1603.40	1604.30	0.17	ppb
Antimony	121-1	50.39	51.17	51.41	50.99	1.04	ppb
Arsenic	75-2	0.22	0.24	0.21	0.22	6.86	ppb
Barium	135-1	247.14	252.07	250.61	249.94	1.01	ppb
Barium	137-1	246.28	251.11	249.44	248.94	0.99	ppb
Beryllium	9-1	56.96	56.11	53.49	55.52	3.25	ppb
Bismuth	209-1				102		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Cadmium	108-1	51.59	52.17	50.89	51.55	1.24	ppb
Cadmium	106-1	52.62	54.32	54.37	53.77	1.85	ppb
Cadmium	111-1	51.41	52.10	52.61	52.04	1.16	ppb
Calcium	43-1	42208.58	42819.90	43072.71	42700.40	1.04	ppb
Calcium	44-1	41986.02	41417.69	41503.28	41635.66	0.74	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	50.08	49.35	49.60	49.68	0.75	ppb
Cobalt	59-2	71.13	70.32	70.59	70.68	0.58	ppb
Copper	63-2	540.86	545.68	528.37	538.30	1.66	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				104		%
Indium	115-1				108		%
Indium	115-2				102		%
Iron	54-2	24179.01	23403.45	23466.26	23682.91	1.82	ppb
Iron	56-2	23815.96	23764.11	23943.20	23841.09	0.39	ppb
Iron	57-2	24387.56	24569.40	23975.87	24310.94	1.25	ppb
Krypton	83-1						cps
Lead	206-1	248.17	248.19	245.19	247.19	0.70	ppb

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	Q1730-20MSDL2X10	Instrumnet Name :	P8
Client Sample ID :	OU4-CF-15-040325MSD	Dilution Factor :	10
Date & Time Acquired :	2025-04-14 17:24:11	DataFile Name :	040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	253.80	254.82	251.79	253.47	0.61	ppb
Lead	208-1	250.83	250.37	248.33	249.84	0.53	ppb
Lithium	6-1				97		%
Magnesium	24-2	11737.71	11565.25	11669.24	11657.40	0.74	ppb
Manganese	55-2	1718.07	1691.17	1727.88	1712.37	1.11	ppb
Molybdenum	94-1	224.41	228.33	231.77	228.17	1.61	ppb
Molybdenum	95-1	172.30	172.38	175.26	173.31	0.97	ppb
Molybdenum	96-1	175.98	178.62	182.78	179.13	1.91	ppb
Molybdenum	97-1	169.74	172.47	172.45	171.55	0.91	ppb
Molybdenum	98-1	168.03	170.45	171.60	170.03	1.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	57.62	56.94	56.71	57.09	0.83	ppb
Phosphorus	31-2	-18.71	-16.45	-27.42	-20.86		ppb
Potassium	39-2	2665.52	2630.92	2630.06	2642.17	0.77	ppb
Rhodium	103-1				105		%
Rhodium	103-2				104		%
Scandium	45-1				114		%
Scandium	45-2				111		%
Selenium	82-1	47.33	49.71	49.38	48.81	2.64	ppb
Selenium	77-2	56.41	57.23	56.61	56.75	0.75	ppb
Selenium	78-2	49.10	54.08	51.34	51.50	4.84	ppb
Silicon	28-1	4110.94	4111.56	4066.28	4096.26	0.63	ppb
Silver	107-1	7.30	7.46	7.57	7.44	1.83	ppb
Silver	109-1	7.33	7.62	7.48	7.48	1.95	ppb
Sodium	23-2	11396.83	11283.90	11022.68	11234.47	1.71	ppb
Strontium	86-1	117.24	117.84	118.21	117.77	0.42	ppb
Strontium	88-1	121.94	122.63	123.56	122.71	0.66	ppb
Sulfur	34-1	40156.44	40932.55	39660.14	40249.71	1.59	ppb
Terbium	159-1				106		%
Terbium	159-2				103		%
Thallium	203-1	46.32	46.33	46.15	46.27	0.21	ppb
Thallium	205-1	48.50	49.49	48.85	48.95	1.03	ppb
Tin	118-1	45.31	46.39	45.81	45.84	1.18	ppb
Titanium	47-1	0.52	0.51	0.46	0.50	6.81	ppb
Uranium	238-1	46.98	47.95	47.18	47.37	1.07	ppb

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	Q1730-20MSDL2X10	Instrumnet Name :	P8
Client Sample ID :	OU4-CF-15-040325MSD	Dilution Factor :	10
Date & Time Acquired :	2025-04-14 17:24:11	DataFile Name :	040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	54.58	53.99	53.67	54.08	0.86	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				118		%
Yttrium	89-2				112		%
Zinc	66-2	585.23	573.56	578.15	578.98	1.02	ppb
Zirconium	90-1	47.18	47.29	47.09	47.19	0.22	ppb
Zirconium	91-1	44.56	44.84	45.66	45.02	1.28	ppb

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	Q1730-20MSDDL2X10	Instrumnet Name :	P8
Client Sample ID :	OU4-CF-15-040325MSD	Dilution Factor :	10
Date & Time Acquired :	2025-04-14 17:27:12	DataFile Name :	041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1649.72	1665.80	1673.74	1663.09	0.74	ppb
Antimony	121-1	54.28	52.03	53.62	53.31	2.17	ppb
Arsenic	75-2	0.25	0.26	0.21	0.24	10.01	ppb
Barium	135-1	270.04	255.65	261.14	262.28	2.77	ppb
Barium	137-1	266.87	247.05	266.98	260.30	4.41	ppb
Beryllium	9-1	57.58	56.68	59.20	57.82	2.21	ppb
Bismuth	209-1				100		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Cadmium	108-1	54.72	52.12	54.51	53.78	2.68	ppb
Cadmium	106-1	57.26	54.44	57.09	56.27	2.81	ppb
Cadmium	111-1	55.03	53.12	54.36	54.17	1.79	ppb
Calcium	43-1	44558.34	43102.64	43619.55	43760.18	1.69	ppb
Calcium	44-1	43937.81	43279.63	43335.93	43517.79	0.84	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	51.69	50.72	51.18	51.20	0.94	ppb
Cobalt	59-2	71.61	72.30	73.98	72.63	1.68	ppb
Copper	63-2	559.91	550.43	568.64	559.66	1.63	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				106		%
Indium	115-1				108		%
Indium	115-2				102		%
Iron	54-2	23973.65	24375.96	24409.20	24252.93	1.00	ppb
Iron	56-2	23967.72	23852.00	24401.08	24073.60	1.20	ppb
Iron	57-2	24331.06	24343.69	25103.28	24592.68	1.80	ppb
Krypton	83-1						cps
Lead	206-1	260.70	255.97	264.58	260.41	1.66	ppb

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	Q1730-20MSDDL2X10	Instrumnet Name :	P8
Client Sample ID :	OU4-CF-15-040325MSD	Dilution Factor :	10
Date & Time Acquired :	2025-04-14 17:27:12	DataFile Name :	041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	266.69	262.16	277.51	268.79	2.93	ppb
Lead	208-1	261.76	256.62	267.82	262.06	2.14	ppb
Lithium	6-1				95		%
Magnesium	24-2	11908.29	11946.28	11870.99	11908.52	0.32	ppb
Manganese	55-2	1708.35	1725.77	1731.97	1722.03	0.71	ppb
Molybdenum	94-1	231.73	233.03	229.80	231.52	0.70	ppb
Molybdenum	95-1	178.42	176.89	175.90	177.07	0.72	ppb
Molybdenum	96-1	185.19	185.08	180.19	183.49	1.56	ppb
Molybdenum	97-1	182.33	178.30	176.98	179.20	1.56	ppb
Molybdenum	98-1	178.19	176.30	174.48	176.32	1.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	58.26	58.42	59.38	58.69	1.03	ppb
Phosphorus	31-2	-17.46	-16.04	-18.96	-17.49		ppb
Potassium	39-2	2683.38	2731.14	2724.20	2712.91	0.95	ppb
Rhodium	103-1				105		%
Rhodium	103-2				104		%
Scandium	45-1				115		%
Scandium	45-2				112		%
Selenium	82-1	51.39	49.70	49.44	50.18	2.11	ppb
Selenium	77-2	56.18	51.41	55.21	54.27	4.65	ppb
Selenium	78-2	52.67	51.04	52.11	51.94	1.59	ppb
Silicon	28-1	4118.33	4171.11	4171.26	4153.57	0.73	ppb
Silver	107-1	7.82	7.67	7.88	7.79	1.42	ppb
Silver	109-1	7.86	7.57	7.88	7.77	2.21	ppb
Sodium	23-2	11408.00	11475.65	11652.29	11511.98	1.10	ppb
Strontium	86-1	121.57	124.21	122.29	122.69	1.11	ppb
Strontium	88-1	127.74	131.10	126.53	128.46	1.85	ppb
Sulfur	34-1	41224.71	40865.59	41284.91	41125.07	0.55	ppb
Terbium	159-1				106		%
Terbium	159-2				103		%
Thallium	203-1	48.97	47.93	50.01	48.97	2.13	ppb
Thallium	205-1	51.97	51.94	52.83	52.25	0.97	ppb
Tin	118-1	48.71	46.78	48.10	47.86	2.06	ppb
Titanium	47-1	0.51	0.49	0.49	0.50	2.58	ppb
Uranium	238-1	49.46	49.41	50.65	49.84	1.41	ppb

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	Q1730-20MSDDL2X10	Instrumnet Name :	P8
Client Sample ID :	OU4-CF-15-040325MSD	Dilution Factor :	10
Date & Time Acquired :	2025-04-14 17:27:12	DataFile Name :	041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	55.50	56.48	56.42	56.13	0.98	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				118		%
Yttrium	89-2				113		%
Zinc	66-2	590.90	590.86	603.36	595.04	1.21	ppb
Zirconium	90-1	48.92	49.24	48.54	48.90	0.71	ppb
Zirconium	91-1	46.68	47.28	46.10	46.68	1.26	ppb

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	Q1730-20ADL2X10	Instrumnet Name :	P8
Client Sample ID :	OU4-CF-15-040325ADL2	Dilution Factor :	10
Date & Time Acquired :	2025-04-14 17:30:10	DataFile Name :	042AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1604.59	1633.16	1596.90	1611.55	1.19	ppb
Antimony	121-1	52.54	50.75	52.37	51.88	1.90	ppb
Arsenic	75-2	0.16	0.15	0.20	0.17	14.17	ppb
Barium	135-1	262.47	243.28	256.15	253.97	3.85	ppb
Barium	137-1	256.75	245.00	253.22	251.66	2.40	ppb
Beryllium	9-1	57.14	55.20	55.29	55.88	1.96	ppb
Bismuth	209-1				102		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Cadmium	108-1	53.03	49.41	52.22	51.55	3.69	ppb
Cadmium	106-1	56.45	53.43	54.51	54.80	2.79	ppb
Cadmium	111-1	52.88	51.58	52.76	52.41	1.37	ppb
Calcium	43-1	42675.70	43295.67	43254.64	43075.34	0.80	ppb
Calcium	44-1	42407.92	43145.95	43631.05	43061.64	1.43	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	49.53	50.95	49.32	49.93	1.77	ppb
Cobalt	59-2	70.77	73.09	70.97	71.61	1.79	ppb
Copper	63-2	552.83	564.43	542.59	553.28	1.98	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				108		%
Indium	115-2				103		%
Iron	54-2	23898.05	23990.26	23872.31	23920.21	0.26	ppb
Iron	56-2	23422.21	23855.30	23604.99	23627.50	0.92	ppb
Iron	57-2	24044.10	24665.41	24007.21	24238.91	1.53	ppb
Krypton	83-1						cps
Lead	206-1	252.70	255.10	248.34	252.05	1.36	ppb

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	Q1730-20ADL2X10	Instrumnet Name :	P8
Client Sample ID :	OU4-CF-15-040325ADL2	Dilution Factor :	10
Date & Time Acquired :	2025-04-14 17:30:10	DataFile Name :	042AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	260.44	254.58	248.43	254.48	2.36	ppb
Lead	208-1	254.02	251.06	246.00	250.36	1.62	ppb
Lithium	6-1				95		%
Magnesium	24-2	11789.36	12278.07	11534.30	11867.25	3.18	ppb
Manganese	55-2	1701.51	1705.49	1691.01	1699.33	0.44	ppb
Molybdenum	94-1	228.81	227.67	230.00	228.82	0.51	ppb
Molybdenum	95-1	181.54	175.93	177.12	178.20	1.66	ppb
Molybdenum	96-1	182.00	184.52	182.18	182.90	0.77	ppb
Molybdenum	97-1	174.47	182.12	171.33	175.97	3.15	ppb
Molybdenum	98-1	173.82	173.23	168.88	171.98	1.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	57.08	59.16	56.91	57.72	2.17	ppb
Phosphorus	31-2	-22.68	-15.34	-19.35	-19.13		ppb
Potassium	39-2	2638.49	2712.16	2613.54	2654.73	1.93	ppb
Rhodium	103-1				104		%
Rhodium	103-2				103		%
Scandium	45-1				115		%
Scandium	45-2				112		%
Selenium	82-1	50.40	49.61	48.90	49.64	1.51	ppb
Selenium	77-2	64.42	55.67	59.56	59.88	7.32	ppb
Selenium	78-2	51.85	50.79	51.91	51.52	1.22	ppb
Silicon	28-1	4115.14	4076.74	4151.18	4114.35	0.90	ppb
Silver	107-1	7.65	7.36	7.71	7.57	2.46	ppb
Silver	109-1	7.62	7.36	7.63	7.54	2.01	ppb
Sodium	23-2	11163.83	11786.15	10897.92	11282.63	4.04	ppb
Strontium	86-1	121.76	121.21	121.89	121.62	0.30	ppb
Strontium	88-1	125.70	123.85	123.22	124.26	1.04	ppb
Sulfur	34-1	40389.99	39656.74	40439.58	40162.10	1.09	ppb
Terbium	159-1				107		%
Terbium	159-2				103		%
Thallium	203-1	47.39	46.96	46.14	46.83	1.36	ppb
Thallium	205-1	49.79	49.98	50.06	49.94	0.28	ppb
Tin	118-1	47.74	45.33	46.46	46.51	2.59	ppb
Titanium	47-1	0.45	0.50	0.50	0.48	5.60	ppb
Uranium	238-1	48.65	47.12	46.36	47.38	2.46	ppb

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	Q1730-20ADL2X10	Instrumnet Name :	P8
Client Sample ID :	OU4-CF-15-040325ADL2	Dilution Factor :	10
Date & Time Acquired :	2025-04-14 17:30:10	DataFile Name :	042AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	54.10	56.60	54.56	55.09	2.42	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				117		%
Yttrium	89-2				114		%
Zinc	66-2	584.35	589.34	580.30	584.66	0.77	ppb
Zirconium	90-1	47.07	48.31	48.87	48.08	1.92	ppb
Zirconium	91-1	45.87	46.28	46.02	46.06	0.46	ppb

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	CCV03	Instrumnet Name :	P8
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired :	2025-04-14 17:35:18	DataFile Name :	043CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48904.48	50367.49	50195.05	49822.34	1.60	ppb
Antimony	121-1	502.13	514.65	512.49	509.76	1.31	ppb
Arsenic	75-2	499.29	502.26	497.44	499.67	0.49	ppb
Barium	135-1	2516.98	2581.77	2534.38	2544.38	1.32	ppb
Barium	137-1	2515.74	2610.82	2555.64	2560.74	1.86	ppb
Beryllium	9-1	535.71	525.48	545.74	535.64	1.89	ppb
Bismuth	209-1				87		%
Bismuth	209-2				86		%
Bromine	81-1						cps
Cadmium	108-1	503.01	511.08	508.40	507.50	0.81	ppb
Cadmium	106-1	498.16	509.45	501.45	503.02	1.15	ppb
Cadmium	111-1	498.62	510.81	500.75	503.39	1.29	ppb
Calcium	43-1	250749.35	246733.61	253647.97	250376.98	1.39	ppb
Calcium	44-1	243387.94	244833.35	245165.36	244462.22	0.39	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	496.19	509.84	504.43	503.48	1.36	ppb
Cobalt	59-2	473.58	480.61	479.67	477.95	0.80	ppb
Copper	63-2	4557.16	4586.13	4564.33	4569.21	0.33	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				99		%
Indium	115-1				93		%
Indium	115-2				88		%
Iron	54-2	121894.56	121439.82	123891.49	122408.63	1.07	ppb
Iron	56-2	118941.35	120954.66	123082.76	120992.92	1.71	ppb
Iron	57-2	121559.05	124463.89	122870.90	122964.62	1.18	ppb
Krypton	83-1						cps
Lead	206-1	2497.01	2473.65	2543.38	2504.68	1.42	ppb

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	CCV03	Instrumnet Name :	P8
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired :	2025-04-14 17:35:18	DataFile Name :	043CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2495.63	2450.39	2542.78	2496.27	1.85	ppb
Lead	208-1	2482.97	2452.08	2524.98	2486.68	1.47	ppb
Lithium	6-1				87		%
Magnesium	24-2	247315.90	249350.38	255021.99	250562.76	1.59	ppb
Manganese	55-2	4831.03	4912.79	4869.83	4871.22	0.84	ppb
Molybdenum	94-1	4880.95	4923.89	4930.10	4911.65	0.54	ppb
Molybdenum	95-1	4853.60	4899.60	4991.08	4914.76	1.42	ppb
Molybdenum	96-1	4854.12	4851.86	4991.40	4899.12	1.63	ppb
Molybdenum	97-1	4857.59	4841.76	4989.51	4896.28	1.66	ppb
Molybdenum	98-1	4844.41	4871.21	4998.00	4904.54	1.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	464.32	485.09	469.90	473.10	2.27	ppb
Phosphorus	31-2	10307.73	10316.86	10365.40	10330.00	0.30	ppb
Potassium	39-2	125832.13	124930.72	123995.09	124919.31	0.74	ppb
Rhodium	103-1				89		%
Rhodium	103-2				90		%
Scandium	45-1				104		%
Scandium	45-2				108		%
Selenium	82-1	471.00	470.98	484.43	475.47	1.63	ppb
Selenium	77-2	488.11	498.58	471.22	485.97	2.84	ppb
Selenium	78-2	490.25	474.16	494.41	486.27	2.20	ppb
Silicon	28-1	1076.95	1065.00	1085.06	1075.67	0.94	ppb
Silver	107-1	492.48	505.36	498.97	498.94	1.29	ppb
Silver	109-1	489.61	493.35	494.54	492.50	0.52	ppb
Sodium	23-2	244701.72	250616.08	254068.97	249795.59	1.90	ppb
Strontium	86-1	496.59	494.58	503.81	498.33	0.97	ppb
Strontium	88-1	497.79	492.47	497.66	495.97	0.61	ppb
Sulfur	34-1	10439.30	10112.31	10354.09	10301.90	1.65	ppb
Terbium	159-1				97		%
Terbium	159-2				96		%
Thallium	203-1	496.85	485.09	508.66	496.87	2.37	ppb
Thallium	205-1	498.56	486.48	506.89	497.31	2.06	ppb
Tin	118-1	501.32	519.23	510.38	510.31	1.75	ppb
Titanium	47-1	4964.76	4834.17	4992.41	4930.45	1.71	ppb
Uranium	238-1	492.61	489.83	497.34	493.26	0.77	ppb

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	CCV03	Instrumnet Name :	P8
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired :	2025-04-14 17:35:18	DataFile Name :	043CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	513.70	507.95	517.35	513.00	0.92	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	4548.37	4512.88	4588.08	4549.78	0.83	ppb
Zirconium	90-1	494.71	494.84	500.54	496.69	0.67	ppb
Zirconium	91-1	490.03	493.41	502.90	495.45	1.35	ppb

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	CCB03	Instrumnet Name :	P8
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired :	2025-04-14 17:39:56	DataFile Name :	044CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.58	0.66	0.09	0.44	69.98	ppb
Antimony	121-1	0.05	0.05	0.04	0.05	14.00	ppb
Arsenic	75-2	-0.01	-0.01	-0.01	-0.01		ppb
Barium	135-1	0.01	0.01	0.01	0.01	25.80	ppb
Barium	137-1	0.01	0.01	0.01	0.01	9.20	ppb
Beryllium	9-1	0.02	0.02	0.02	0.02	14.46	ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Cadmium	108-1	0.06	0.06	0.03	0.05	42.97	ppb
Cadmium	106-1	-0.28	0.05	-0.17	-0.13		ppb
Cadmium	111-1	-0.02	0.01	-0.01	-0.01		ppb
Calcium	43-1	-1.52	-1.03	-0.84	-1.13		ppb
Calcium	44-1	4.12	3.77	4.00	3.96	4.48	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	0.01	0.01	0.01	36.14	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	692.49	ppb
Copper	63-2	0.03	0.03	0.04	0.03	9.11	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				106		%
Indium	115-1				111		%
Indium	115-2				106		%
Iron	54-2	1.21	0.73	0.94	0.96	24.90	ppb
Iron	56-2	0.74	0.74	0.68	0.72	5.25	ppb
Iron	57-2	1.27	0.35	0.70	0.78	59.60	ppb
Krypton	83-1						cps
Lead	206-1	0.08	0.08	0.06	0.07	11.87	ppb

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	CCB03	Instrumnet Name :	P8
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired :	2025-04-14 17:39:56	DataFile Name :	044CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.07	0.08	0.07	0.07	7.71	ppb
Lead	208-1	0.08	0.07	0.07	0.07	8.18	ppb
Lithium	6-1				100		%
Magnesium	24-2	1.63	1.93	1.52	1.69	12.68	ppb
Manganese	55-2	-0.76	-0.88	-0.84	-0.83		ppb
Molybdenum	94-1	0.12	0.09	0.10	0.11	15.72	ppb
Molybdenum	95-1	0.07	0.06	0.05	0.06	20.87	ppb
Molybdenum	96-1	0.07	0.05	0.04	0.05	29.13	ppb
Molybdenum	97-1	0.05	0.04	0.05	0.05	18.02	ppb
Molybdenum	98-1	0.05	0.04	0.04	0.05	17.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.01	-0.03	-0.01		ppb
Phosphorus	31-2	-20.54	-25.92	-22.27	-22.91		ppb
Potassium	39-2	45.84	41.12	39.49	42.15	7.82	ppb
Rhodium	103-1				109		%
Rhodium	103-2				108		%
Scandium	45-1				115		%
Scandium	45-2				113		%
Selenium	82-1	0.01	0.05	-0.13	-0.02		ppb
Selenium	77-2	-0.14	-0.14	-0.14	-0.14		ppb
Selenium	78-2	0.35	0.55	0.11	0.34	66.03	ppb
Silicon	28-1	-2.30	-3.51	-2.79	-2.87		ppb
Silver	107-1	0.02	0.02	0.02	0.02	6.38	ppb
Silver	109-1	0.02	0.02	0.02	0.02	9.25	ppb
Sodium	23-2	44.67	42.72	39.42	42.27	6.28	ppb
Strontium	86-1	0.01	0.00	0.00	0.00	471.83	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	1.29	ppb
Sulfur	34-1	-324.04	-246.21	-250.53	-273.59		ppb
Terbium	159-1				107		%
Terbium	159-2				104		%
Thallium	203-1	0.03	0.02	0.02	0.02	6.12	ppb
Thallium	205-1	0.03	0.02	0.02	0.03	9.74	ppb
Tin	118-1	0.03	0.00	0.01	0.01	77.08	ppb
Titanium	47-1	0.06	0.05	0.06	0.06	8.20	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	CCB03	Instrumnet Name :	P8
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired :	2025-04-14 17:39:56	DataFile Name :	044CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	0.00	0.00	0.00	387.56	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				108		%
Zinc	66-2	-0.02	0.13	0.03	0.05	161.94	ppb
Zirconium	90-1	0.03	0.03	0.03	0.03	5.23	ppb
Zirconium	91-1	0.04	0.03	0.03	0.03	11.89	ppb

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2025-04-14 15:05:42	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	250	263	283	266	6.32	cps
Antimony	121-1	53	73	53	60	19.25	cps
Arsenic	75-2	13	10	17	13	25.01	cps
Barium	135-1	107	140	163	137	20.84	cps
Barium	137-1	260	260	213	244	11.02	cps
Beryllium	9-1	101	87	92	94	7.42	cps
Bismuth	209-1	4805140	4869618	4780416	4818391	0.96	cps
Bismuth	209-2	2451348	2413585	2427635	2430856	0.79	cps
Bromine	81-1	27490	27667	25944	27034	3.51	cps
Cadmium	108-1	3	13	10	9	57.30	cps
Cadmium	106-1	4257	4347	4171	4258	2.08	cps
Cadmium	111-1	3001	3061	2972	3011	1.49	cps
Calcium	43-1	1413	1280	1247	1313	6.72	cps
Calcium	44-1	27276	27389	27747	27471	0.89	cps
Carbon	12-1	4165722	4138540	4071399	4125220	1.18	cps
Carbon	12-2	28274	27750	27663	27895	1.19	cps
Chlorine	35-1	103607	100311	100670	101529	1.78	cps
Chlorine	35-2	390	423	360	391	8.10	cps
Chromium	52-2	1347	1410	1393	1383	2.37	cps
Cobalt	59-2	83	120	90	98	19.98	cps
Copper	63-2	1840	1950	1810	1867	3.95	cps
Dysprosium	156-1	17	23	7	16	53.90	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	43	70	80	64	29.41	cps
Erbium	164-2	27	23	33	28	18.33	cps
Gadolinium	160-1	83	100	60	81	24.77	cps
Gadolinium	160-2	10	3	10	8	49.52	cps
Holmium	165-1	7827717	8072464	7934516	7944899	1.54	cps
Holmium	165-2	3372953	3276660	3300193	3316602	1.51	cps
Indium	115-1	6854929	6844012	6749179	6816040	0.85	cps
Indium	115-2	803840	810405	799772	804672	0.67	cps
Iron	54-2	733	833	837	801	7.33	cps
Iron	56-2	10451	10381	11028	10620	3.34	cps
Iron	57-2	247	230	260	246	6.12	cps
Krypton	83-1	263	320	297	293	9.71	cps
Lead	206-1	857	793	803	818	4.16	cps

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2025-04-14 15:05:42	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	733	737	580	683	13.10	cps
Lead	208-1	3434	3370	3150	3318	4.48	cps
Lithium	6-1	2439957	2437359	2437380	2438232	0.06	cps
Magnesium	24-2	397	427	280	368	21.07	cps
Manganese	55-2	22521	22244	22004	22256	1.16	cps
Molybdenum	94-1	410	427	370	402	7.24	cps
Molybdenum	95-1	287	240	203	243	17.16	cps
Molybdenum	96-1	253	290	277	273	6.79	cps
Molybdenum	97-1	143	107	137	129	15.15	cps
Molybdenum	98-1	297	310	320	309	3.79	cps
Neodymium	150-1	7	7	33	16	98.94	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	727	690	753	723	4.40	cps
Phosphorus	31-2	140	137	130	136	3.76	cps
Potassium	39-2	15839	15562	15458	15620	1.26	cps
Rhodium	103-1	6533500	6575175	6523907	6544194	0.42	cps
Rhodium	103-2	2935098	2901072	2916230	2917467	0.58	cps
Scandium	45-1	4368163	4476989	4404191	4416448	1.26	cps
Scandium	45-2	95558	95877	96068	95834	0.27	cps
Selenium	82-1	30	-47	50	11	459.30	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	20	20	7	16	49.47	cps
Silicon	28-1	512925	509640	514473	512346	0.48	cps
Silver	107-1	113	110	173	132	26.96	cps
Silver	109-1	80	53	30	54	45.95	cps
Sodium	23-2	35543	34614	34561	34906	1.58	cps
Strontium	86-1	533	467	537	512	7.71	cps
Strontium	88-1	507	573	613	564	9.55	cps
Sulfur	34-1	575703	569638	569515	571619	0.62	cps
Terbium	159-1	8316510	8124506	8141296	8194104	1.30	cps
Terbium	159-2	3313592	3297260	3221291	3277381	1.50	cps
Thallium	203-1	147	177	127	150	16.78	cps
Thallium	205-1	307	343	353	334	7.35	cps
Tin	118-1	3971	3871	3624	3822	4.67	cps
Titanium	47-1	230	210	210	217	5.33	cps
Uranium	238-1	343	367	360	357	3.37	cps

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2025-04-14 15:05:42	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	30	30	13	24	39.37	cps
Ytterbium	172-1	57	27	67	50	41.63	cps
Ytterbium	172-2	13	23	20	19	26.96	cps
Ytterbium	176-1	1143	1160	1083	1129	3.57	cps
Ytterbium	176-2	353	353	340	349	2.21	cps
Yttrium	89-1	12172223	12482545	12160792	12271853	1.49	cps
Yttrium	89-2	1000547	1019605	995336	1005163	1.27	cps
Zinc	66-2	1380	1533	1533	1482	5.97	cps
Zirconium	90-1	817	810	817	814	0.47	cps
Zirconium	91-1	170	157	143	157	8.51	cps

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2025-04-14 15:12:28	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2217	2324	2124	2221	4.51	cps
Antimony	121-1	53956	54839	54655	54483	0.86	cps
Arsenic	75-2	763	777	633	724	10.93	cps
Barium	135-1	65306	65283	65762	65450	0.41	cps
Barium	137-1	113189	113864	112808	113287	0.47	cps
Beryllium	9-1	7273	7312	7212	7266	0.69	cps
Bismuth	209-1	4739021	4841747	4842470	4807746	1.24	cps
Bismuth	209-2	2474568	2432018	2438753	2448446	0.93	cps
Bromine	81-1	27029	26321	26933	26761	1.43	cps
Cadmium	108-1	500	587	423	503	16.24	cps
Cadmium	106-1	5341	4734	4971	5015	6.10	cps
Cadmium	111-1	10251	10005	10459	10238	2.22	cps
Calcium	43-1	46605	46020	46649	46425	0.76	cps
Calcium	44-1	765106	766270	770423	767266	0.36	cps
Carbon	12-1	4246367	4120633	4093964	4153655	1.96	cps
Carbon	12-2	28401	27489	28254	28048	1.75	cps
Chlorine	35-1	106451	106276	104514	105747	1.01	cps
Chlorine	35-2	440	357	483	427	15.09	cps
Chromium	52-2	14257	14354	13707	14106	2.48	cps
Cobalt	59-2	13016	12923	12569	12836	1.84	cps
Copper	63-2	21790	21259	21089	21379	1.71	cps
Dysprosium	156-1	7	33	30	23	62.26	cps
Dysprosium	156-2	13	3	3	7	86.65	cps
Erbium	164-1	23	57	70	50	48.08	cps
Erbium	164-2	20	17	17	18	10.81	cps
Gadolinium	160-1	90	83	73	82	10.20	cps
Gadolinium	160-2	30	30	13	24	39.37	cps
Holmium	165-1	7730230	7795007	7961221	7828819	1.52	cps
Holmium	165-2	3400863	3334643	3445417	3393641	1.64	cps
Indium	115-1	6766518	6819575	6748358	6778150	0.55	cps
Indium	115-2	806173	801266	812552	806663	0.70	cps
Iron	54-2	14991	14601	13553	14382	5.17	cps
Iron	56-2	261026	256582	245344	254317	3.18	cps
Iron	57-2	6308	6265	6068	6214	2.06	cps
Krypton	83-1	240	300	313	284	13.73	cps
Lead	206-1	20263	20413	19782	20152	1.64	cps

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2025-04-14 15:12:28	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	17158	17465	17369	17331	0.91	cps
Lead	208-1	78807	79742	79239	79263	0.59	cps
Lithium	6-1	2491113	2444308	2507535	2480985	1.32	cps
Magnesium	24-2	184995	184303	177484	182261	2.28	cps
Manganese	55-2	24681	24995	23489	24389	3.26	cps
Molybdenum	94-1	57883	59570	57793	58415	1.71	cps
Molybdenum	95-1	69851	71670	71446	70989	1.40	cps
Molybdenum	96-1	78128	79358	79610	79032	1.00	cps
Molybdenum	97-1	44056	43505	44511	44024	1.14	cps
Molybdenum	98-1	112371	113090	113755	113072	0.61	cps
Neodymium	150-1	7	37	17	20	76.36	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	4327	4034	4047	4136	4.01	cps
Phosphorus	31-2	317	267	277	287	9.23	cps
Potassium	39-2	136131	137165	132172	135156	1.95	cps
Rhodium	103-1	6484631	6391374	6467894	6447967	0.77	cps
Rhodium	103-2	2859643	2897607	2901842	2886364	0.81	cps
Scandium	45-1	4385482	4458786	4469705	4437991	1.03	cps
Scandium	45-2	95541	96545	95948	96011	0.53	cps
Selenium	82-1	2320	2150	2167	2212	4.24	cps
Selenium	77-2	37	50	40	42	16.43	cps
Selenium	78-2	190	157	177	174	9.62	cps
Silicon	28-1	623045	632388	641676	632370	1.47	cps
Silver	107-1	34640	35536	35920	35365	1.86	cps
Silver	109-1	33674	34216	33327	33739	1.33	cps
Sodium	23-2	398361	394635	382353	391783	2.14	cps
Strontium	86-1	9720	9844	9453	9672	2.06	cps
Strontium	88-1	80329	80530	81671	80843	0.89	cps
Sulfur	34-1	573911	575053	576696	575220	0.24	cps
Terbium	159-1	8251632	8228096	8089872	8189867	1.07	cps
Terbium	159-2	3338137	3298902	3302406	3313148	0.66	cps
Thallium	203-1	23718	24012	23755	23829	0.67	cps
Thallium	205-1	57607	57785	57815	57736	0.19	cps
Tin	118-1	114309	116275	115246	115277	0.85	cps
Titanium	47-1	21206	20665	20178	20683	2.49	cps
Uranium	238-1	71677	70749	71443	71290	0.68	cps

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2025-04-14 15:12:28	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	25216	24755	23927	24632	2.65	cps
Ytterbium	172-1	30	73	17	40	74.06	cps
Ytterbium	172-2	10	33	17	20	60.08	cps
Ytterbium	176-1	1037	1060	1213	1103	8.70	cps
Ytterbium	176-2	307	377	313	332	11.63	cps
Yttrium	89-1	12397909	12313174	12317121	12342734	0.39	cps
Yttrium	89-2	1002271	1005599	1009709	1005860	0.37	cps
Zinc	66-2	6788	6918	6602	6769	2.35	cps
Zirconium	90-1	49501	50009	50297	49936	0.81	cps
Zirconium	91-1	10938	11115	10888	10980	1.09	cps

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2025-04-14 15:15:50	DataFile Name :	007CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	93880	93290	93196	93455	0.40	cps
Antimony	121-1	1282493	1304275	1307351	1298040	1.04	cps
Arsenic	75-2	30543	29821	30025	30130	1.23	cps
Barium	135-1	1590292	1655381	1605158	1616944	2.11	cps
Barium	137-1	2779004	2768968	2745131	2764368	0.63	cps
Beryllium	9-1	326921	330773	329970	329221	0.62	cps
Bismuth	209-1	4708336	4811355	4855487	4791726	1.58	cps
Bismuth	209-2	2406007	2348972	2385827	2380269	1.22	cps
Bromine	81-1	26923	26178	26385	26495	1.45	cps
Cadmium	108-1	26619	26425	26415	26487	0.43	cps
Cadmium	106-1	41218	42515	41994	41909	1.56	cps
Cadmium	111-1	333904	338333	337641	336626	0.71	cps
Calcium	43-1	412788	422595	424449	419944	1.49	cps
Calcium	44-1	6806801	6833006	6936685	6858831	1.00	cps
Carbon	12-1	4203236	4180489	4140183	4174636	0.76	cps
Carbon	12-2	28551	28588	28805	28648	0.48	cps
Chlorine	35-1	108567	106659	107616	107614	0.89	cps
Chlorine	35-2	400	327	400	376	11.27	cps
Chromium	52-2	298004	297923	296037	297321	0.37	cps
Cobalt	59-2	564424	562139	558842	561802	0.50	cps
Copper	63-2	4566682	4543469	4578150	4562767	0.39	cps
Dysprosium	156-1	60	43	33	46	29.58	cps
Dysprosium	156-2	10	7	13	10	33.30	cps
Erbium	164-1	80	77	57	71	17.74	cps
Erbium	164-2	27	37	20	28	30.20	cps
Gadolinium	160-1	70	70	113	84	29.63	cps
Gadolinium	160-2	40	30	27	32	21.53	cps
Holmium	165-1	7941973	8088240	7903477	7977897	1.22	cps
Holmium	165-2	3335086	3257985	3303499	3298857	1.17	cps
Indium	115-1	6822025	6848055	6832882	6834321	0.19	cps
Indium	115-2	793892	782484	781315	785897	0.88	cps
Iron	54-2	616386	617202	613092	615560	0.35	cps
Iron	56-2	11354249	11305895	11376459	11345534	0.32	cps
Iron	57-2	285870	283643	284450	284654	0.40	cps
Krypton	83-1	277	270	317	288	8.77	cps
Lead	206-1	4878684	4938568	4930699	4915984	0.66	cps

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2025-04-14 15:15:50	DataFile Name :	007CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	4059210	4164073	4182008	4135097	1.60	cps
Lead	208-1	18884166	19228737	19083288	19065397	0.91	cps
Lithium	6-1	2477142	2541037	2579588	2532589	2.04	cps
Magnesium	24-2	1675153	1678237	1635933	1663108	1.42	cps
Manganese	55-2	1288496	1284801	1281558	1284952	0.27	cps
Molybdenum	94-1	4687347	4680020	4668292	4678553	0.21	cps
Molybdenum	95-1	6810419	6870226	6845868	6842171	0.44	cps
Molybdenum	96-1	7382742	7468016	7563982	7471580	1.21	cps
Molybdenum	97-1	4150335	4176273	4293385	4206664	1.81	cps
Molybdenum	98-1	10933285	10747298	10848737	10843106	0.86	cps
Neodymium	150-1	117	87	130	111	19.97	cps
Neodymium	150-2	20	3	3	9	108.30	cps
Nickel	60-2	158948	159334	159062	159114	0.12	cps
Phosphorus	31-2	5168	5088	5154	5137	0.83	cps
Potassium	39-2	571825	575138	569786	572250	0.47	cps
Rhodium	103-1	6353401	6394937	6504338	6417559	1.21	cps
Rhodium	103-2	2789072	2800151	2832812	2807345	0.81	cps
Scandium	45-1	4374353	4371391	4436372	4394039	0.84	cps
Scandium	45-2	93827	93968	93045	93613	0.53	cps
Selenium	82-1	20475	21290	20883	20883	1.95	cps
Selenium	77-2	427	420	387	411	5.21	cps
Selenium	78-2	1363	1390	1383	1379	1.01	cps
Silicon	28-1	1297088	1306746	1303876	1302570	0.38	cps
Silver	107-1	1808344	1837961	1777237	1807847	1.68	cps
Silver	109-1	1703330	1702760	1707499	1704530	0.15	cps
Sodium	23-2	3307834	3230814	3303694	3280781	1.32	cps
Strontium	86-1	431288	431171	429436	430632	0.24	cps
Strontium	88-1	3900485	3913401	3843079	3885655	0.96	cps
Sulfur	34-1	697661	701650	697624	698978	0.33	cps
Terbium	159-1	8095584	8129474	8207516	8144191	0.70	cps
Terbium	159-2	3234722	3312078	3240288	3262363	1.32	cps
Thallium	203-1	1125238	1143177	1140466	1136294	0.85	cps
Thallium	205-1	2806067	2870576	2858203	2844949	1.20	cps
Tin	118-1	1073494	1087030	1084381	1081635	0.66	cps
Titanium	47-1	1947877	1896714	1937421	1927337	1.40	cps
Uranium	238-1	3424948	3569575	3496084	3496869	2.07	cps

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2025-04-14 15:15:50	DataFile Name :	007CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	224510	225090	223221	224274	0.43	cps
Ytterbium	172-1	80	73	70	74	6.84	cps
Ytterbium	172-2	23	23	30	26	15.07	cps
Ytterbium	176-1	6395	6648	6195	6413	3.54	cps
Ytterbium	176-2	2637	2494	2454	2528	3.81	cps
Yttrium	89-1	12448566	12411626	12145809	12335333	1.34	cps
Yttrium	89-2	993294	980720	971381	981798	1.12	cps
Zinc	66-2	491263	490626	485493	489127	0.65	cps
Zirconium	90-1	2345065	2420035	2362690	2375930	1.65	cps
Zirconium	91-1	499679	511919	509646	507081	1.28	cps

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2025-04-14 15:18:54	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	222829	220824	219518	221057	0.75	cps
Antimony	121-1	3280092	3284446	3310248	3291595	0.50	cps
Arsenic	75-2	73980	72703	72361	73014	1.17	cps
Barium	135-1	3917024	3976793	3935686	3943168	0.78	cps
Barium	137-1	6724713	6652348	6654497	6677186	0.62	cps
Beryllium	9-1	786274	792763	793595	790878	0.51	cps
Bismuth	209-1	4775335	4769178	4766891	4770468	0.09	cps
Bismuth	209-2	2328614	2371548	2335725	2345296	0.98	cps
Bromine	81-1	26164	26111	26562	26279	0.94	cps
Cadmium	108-1	63726	64898	64554	64393	0.94	cps
Cadmium	106-1	96000	97542	97833	97125	1.01	cps
Cadmium	111-1	818780	820997	827307	822362	0.54	cps
Calcium	43-1	1007658	1009477	1007254	1008130	0.12	cps
Calcium	44-1	16360959	16451831	16420689	16411160	0.28	cps
Carbon	12-1	4290695	4263034	4244351	4266027	0.55	cps
Carbon	12-2	30518	29713	29399	29877	1.93	cps
Chlorine	35-1	113951	114817	114488	114419	0.38	cps
Chlorine	35-2	477	420	423	440	7.23	cps
Chromium	52-2	705534	706855	702145	704845	0.34	cps
Cobalt	59-2	1322323	1316516	1311997	1316945	0.39	cps
Copper	63-2	10629454	10613121	10755670	10666082	0.73	cps
Dysprosium	156-1	103	57	87	82	28.76	cps
Dysprosium	156-2	20	7	13	13	49.99	cps
Erbium	164-1	83	50	87	73	27.65	cps
Erbium	164-2	27	37	37	33	17.32	cps
Gadolinium	160-1	90	80	73	81	10.34	cps
Gadolinium	160-2	17	37	30	28	36.66	cps
Holmium	165-1	7890732	7951394	8002269	7948132	0.70	cps
Holmium	165-2	3262215	3355294	3271765	3296425	1.55	cps
Indium	115-1	6758375	6691435	6736893	6728901	0.51	cps
Indium	115-2	752719	748361	754613	751897	0.43	cps
Iron	54-2	1521866	1495050	1509587	1508834	0.89	cps
Iron	56-2	26730559	27197579	27131907	27020015	0.94	cps
Iron	57-2	675207	668982	674458	672882	0.51	cps
Krypton	83-1	270	313	330	304	10.17	cps
Lead	206-1	11817341	12290215	12193249	12100268	2.06	cps

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2025-04-14 15:18:54	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	9926567	10215754	10272475	10138265	1.83	cps
Lead	208-1	46285388	46984818	47196163	46822123	1.02	cps
Lithium	6-1	2476485	2428877	2467752	2457705	1.03	cps
Magnesium	24-2	3949102	3836454	3887037	3890864	1.45	cps
Manganese	55-2	3092907	3071769	3098721	3087799	0.46	cps
Molybdenum	94-1	11312801	11564895	11423813	11433836	1.11	cps
Molybdenum	95-1	16673081	16791156	16612784	16692341	0.54	cps
Molybdenum	96-1	18186351	18274668	18257067	18239362	0.26	cps
Molybdenum	97-1	10142037	10268705	10348258	10253000	1.01	cps
Molybdenum	98-1	26265308	26650195	26681056	26532187	0.87	cps
Neodymium	150-1	293	277	277	282	3.41	cps
Neodymium	150-2	13	10	13	12	15.73	cps
Nickel	60-2	371997	371740	373072	372270	0.19	cps
Phosphorus	31-2	11678	11435	11578	11564	1.06	cps
Potassium	39-2	1352076	1342917	1342705	1345899	0.40	cps
Rhodium	103-1	6230688	6229610	6277229	6245842	0.44	cps
Rhodium	103-2	2751231	2764831	2752946	2756336	0.27	cps
Scandium	45-1	4297386	4282439	4317681	4299169	0.41	cps
Scandium	45-2	87417	88856	88668	88313	0.89	cps
Selenium	82-1	50669	50321	50492	50494	0.34	cps
Selenium	77-2	923	997	907	942	5.08	cps
Selenium	78-2	3334	3184	3344	3287	2.73	cps
Silicon	28-1	2461792	2418699	2461995	2447496	1.02	cps
Silver	107-1	4343063	4261287	4305757	4303369	0.95	cps
Silver	109-1	4043699	4120686	4118810	4094398	1.07	cps
Sodium	23-2	7731022	7634133	7622993	7662716	0.78	cps
Strontium	86-1	1043255	1045217	1052360	1046944	0.46	cps
Strontium	88-1	9248623	9392887	9595342	9412284	1.85	cps
Sulfur	34-1	884659	880229	869488	878126	0.89	cps
Terbium	159-1	8240318	8142638	8243980	8208979	0.70	cps
Terbium	159-2	3247113	3208481	3192896	3216163	0.87	cps
Thallium	203-1	2928958	3018986	3031339	2993094	1.87	cps
Thallium	205-1	6919609	7001432	6999254	6973432	0.67	cps
Tin	118-1	2710766	2745054	2717705	2724508	0.67	cps
Titanium	47-1	4609360	4593488	4535568	4579472	0.85	cps
Uranium	238-1	8553909	8479316	8400392	8477872	0.91	cps

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2025-04-14 15:18:54	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	535345	528066	527260	530224	0.84	cps
Ytterbium	172-1	57	83	97	79	25.82	cps
Ytterbium	172-2	33	57	73	54	36.91	cps
Ytterbium	176-1	14401	14405	14615	14474	0.85	cps
Ytterbium	176-2	5555	5781	5565	5633	2.27	cps
Yttrium	89-1	12035071	12153819	11969892	12052927	0.77	cps
Yttrium	89-2	956394	949731	954907	953677	0.37	cps
Zinc	66-2	1164966	1160193	1159738	1161633	0.25	cps
Zirconium	90-1	5727766	5652023	5705976	5695255	0.68	cps
Zirconium	91-1	1240150	1248138	1249202	1245830	0.40	cps

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2025-04-14 15:21:50	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	427779	427227	425330	426779	0.30	cps
Antimony	121-1	6512400	6566937	6464171	6514503	0.79	cps
Arsenic	75-2	144188	141542	141822	142517	1.02	cps
Barium	135-1	7864686	7770229	7867160	7834025	0.71	cps
Barium	137-1	13475609	13391822	13651583	13506338	0.98	cps
Beryllium	9-1	1470280	1507805	1468225	1482104	1.50	cps
Bismuth	209-1	4724734	4707065	4779752	4737184	0.80	cps
Bismuth	209-2	2317645	2297583	2252387	2289205	1.46	cps
Bromine	81-1	25717	25226	26295	25746	2.08	cps
Cadmium	108-1	126487	126743	129188	127473	1.17	cps
Cadmium	106-1	186577	187772	186289	186880	0.42	cps
Cadmium	111-1	1679477	1694306	1719869	1697884	1.20	cps
Calcium	43-1	2003354	2001664	1965178	1990065	1.08	cps
Calcium	44-1	32422587	32306072	32367694	32365451	0.18	cps
Carbon	12-1	4446831	4493910	4475995	4472245	0.53	cps
Carbon	12-2	32219	32342	32503	32354	0.44	cps
Chlorine	35-1	119572	120617	120728	120306	0.53	cps
Chlorine	35-2	537	503	427	489	11.54	cps
Chromium	52-2	1410581	1418087	1421305	1416658	0.39	cps
Cobalt	59-2	2640312	2628105	2627973	2632130	0.27	cps
Copper	63-2	20946113	20739760	20560445	20748772	0.93	cps
Dysprosium	156-1	147	147	143	146	1.32	cps
Dysprosium	156-2	27	17	37	27	37.50	cps
Erbium	164-1	100	133	167	133	25.00	cps
Erbium	164-2	43	27	37	36	23.58	cps
Gadolinium	160-1	137	103	127	122	14.00	cps
Gadolinium	160-2	33	40	13	29	48.05	cps
Holmium	165-1	7878040	7731957	8006860	7872286	1.75	cps
Holmium	165-2	3223979	3284381	3214725	3241028	1.17	cps
Indium	115-1	6411184	6510354	6529050	6483530	0.98	cps
Indium	115-2	720132	723544	719978	721218	0.28	cps
Iron	54-2	2921700	2912334	2855679	2896571	1.23	cps
Iron	56-2	52445231	52610346	52783804	52613127	0.32	cps
Iron	57-2	1313114	1312987	1312184	1312762	0.04	cps
Krypton	83-1	370	317	343	343	7.77	cps
Lead	206-1	23718883	23838551	24246958	23934797	1.16	cps

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2025-04-14 15:21:50	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	20273308	20378503	20262688	20304833	0.32	cps
Lead	208-1	93735199	94680818	93989732	94135249	0.52	cps
Lithium	6-1	2377304	2356104	2391765	2375058	0.76	cps
Magnesium	24-2	7462600	7425272	7507944	7465272	0.55	cps
Manganese	55-2	5959561	5971489	5923476	5951508	0.42	cps
Molybdenum	94-1	22968327	22722073	22958622	22883007	0.61	cps
Molybdenum	95-1	33306725	33222381	33248012	33259039	0.13	cps
Molybdenum	96-1	36632141	36017608	35923991	36191247	1.06	cps
Molybdenum	97-1	20564696	20224932	20113573	20301067	1.16	cps
Molybdenum	98-1	52817624	52948273	52804809	52856902	0.15	cps
Neodymium	150-1	550	530	523	534	2.60	cps
Neodymium	150-2	20	33	23	26	27.15	cps
Nickel	60-2	710947	710433	711725	711035	0.09	cps
Phosphorus	31-2	21823	22194	22107	22041	0.88	cps
Potassium	39-2	2574892	2553596	2584042	2570844	0.61	cps
Rhodium	103-1	6124745	6078186	6036598	6079843	0.73	cps
Rhodium	103-2	2669843	2705234	2666885	2680654	0.80	cps
Scandium	45-1	4187733	4188561	4232209	4202835	0.61	cps
Scandium	45-2	87370	86639	87216	87075	0.44	cps
Selenium	82-1	98509	99653	100637	99600	1.07	cps
Selenium	77-2	1900	1780	1880	1853	3.47	cps
Selenium	78-2	6678	6271	6515	6488	3.16	cps
Silicon	28-1	4297188	4326887	4367213	4330430	0.81	cps
Silver	107-1	8470098	8413821	8543759	8475893	0.77	cps
Silver	109-1	8060394	8154679	8066093	8093722	0.65	cps
Sodium	23-2	14936818	14854112	14623835	14804922	1.10	cps
Strontium	86-1	2182004	2156146	2149386	2162512	0.80	cps
Strontium	88-1	18994069	18339179	18817230	18716826	1.81	cps
Sulfur	34-1	1002065	1002489	999610	1001388	0.16	cps
Terbium	159-1	8083037	8077615	8141405	8100685	0.44	cps
Terbium	159-2	3152695	3167239	3150596	3156843	0.29	cps
Thallium	203-1	5778696	5718748	5769118	5755521	0.56	cps
Thallium	205-1	13678394	13625615	13810116	13704708	0.69	cps
Tin	118-1	5336204	5411878	5343267	5363783	0.78	cps
Titanium	47-1	9014221	8853402	9019120	8962248	1.05	cps
Uranium	238-1	17361057	17639446	17578416	17526306	0.83	cps

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2025-04-14 15:21:50	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1033934	1035876	1038479	1036096	0.22	cps
Ytterbium	172-1	140	130	123	131	6.40	cps
Ytterbium	172-2	57	67	50	58	14.52	cps
Ytterbium	176-1	28143	27592	28046	27927	1.05	cps
Ytterbium	176-2	11348	11228	11388	11322	0.74	cps
Yttrium	89-1	11964695	11730242	11858726	11851221	0.99	cps
Yttrium	89-2	923506	932309	928678	928164	0.48	cps
Zinc	66-2	2359821	2340899	2375741	2358820	0.74	cps
Zirconium	90-1	11393201	11308759	11451640	11384533	0.63	cps
Zirconium	91-1	2593683	2554033	2622750	2590156	1.33	cps

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2025-04-14 15:24:39	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	823978	827237	831213	827476	0.44	cps
Antimony	121-1	12835973	12613684	12868972	12772876	1.09	cps
Arsenic	75-2	279394	279087	283902	280794	0.96	cps
Barium	135-1	15542305	15240631	15192139	15325025	1.24	cps
Barium	137-1	26632358	25978090	26186267	26265572	1.27	cps
Beryllium	9-1	2750591	2824922	2847142	2807552	1.80	cps
Bismuth	209-1	4661585	4835806	4650718	4716036	2.20	cps
Bismuth	209-2	2203148	2230835	2214767	2216250	0.63	cps
Bromine	81-1	25042	26328	26402	25924	2.95	cps
Cadmium	108-1	245288	249043	251693	248675	1.29	cps
Cadmium	106-1	358322	367497	360600	362140	1.32	cps
Cadmium	111-1	3281785	3237945	3230131	3249954	0.86	cps
Calcium	43-1	3859858	3848348	3855193	3854466	0.15	cps
Calcium	44-1	63079809	63544021	63259601	63294477	0.37	cps
Carbon	12-1	5008629	5147213	5202295	5119379	1.95	cps
Carbon	12-2	38641	39693	39710	39348	1.56	cps
Chlorine	35-1	133293	135076	136681	135017	1.26	cps
Chlorine	35-2	607	650	553	603	8.03	cps
Chromium	52-2	2759178	2772481	2778200	2769953	0.35	cps
Cobalt	59-2	5102539	5080916	5174427	5119294	0.96	cps
Copper	63-2	39438761	40072969	40205839	39905856	1.03	cps
Dysprosium	156-1	233	280	210	241	14.78	cps
Dysprosium	156-2	53	77	57	62	20.29	cps
Erbium	164-1	173	180	220	191	13.21	cps
Erbium	164-2	93	57	40	63	43.08	cps
Gadolinium	160-1	153	160	160	158	2.44	cps
Gadolinium	160-2	50	70	50	57	20.38	cps
Holmium	165-1	7926398	7775337	7753059	7818265	1.21	cps
Holmium	165-2	3251945	3233178	3247512	3244212	0.30	cps
Indium	115-1	6331497	6299336	6182405	6271079	1.25	cps
Indium	115-2	684741	691653	685021	687138	0.57	cps
Iron	54-2	5675052	5594341	5676605	5648666	0.83	cps
Iron	56-2	103032312	103206928	104517145	103585462	0.78	cps
Iron	57-2	2652349	2661296	2619166	2644270	0.84	cps
Krypton	83-1	280	317	230	276	15.79	cps
Lead	206-1	47237889	47426003	47241806	47301899	0.23	cps

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2025-04-14 15:24:39	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	39143296	40344943	39937175	39808471	1.54	cps
Lead	208-1	182071024	186827724	185481773	184793507	1.33	cps
Lithium	6-1	2331429	2391703	2339953	2354361	1.39	cps
Magnesium	24-2	14571313	14562455	14749531	14627766	0.72	cps
Manganese	55-2	11703104	11657604	11757705	11706138	0.43	cps
Molybdenum	94-1	44945811	45596133	45117873	45219939	0.75	cps
Molybdenum	95-1	65242392	65841342	65679734	65587823	0.47	cps
Molybdenum	96-1	71389759	71148466	72270147	71602791	0.82	cps
Molybdenum	97-1	40215364	40154970	40704792	40358376	0.75	cps
Molybdenum	98-1	104822412	104675272	104786852	104761512	0.07	cps
Neodymium	150-1	980	1017	1110	1036	6.47	cps
Neodymium	150-2	37	53	43	44	18.87	cps
Nickel	60-2	1351332	1354668	1370517	1358839	0.75	cps
Phosphorus	31-2	42843	43365	42255	42821	1.30	cps
Potassium	39-2	4894157	4875584	4935712	4901818	0.63	cps
Rhodium	103-1	5921618	5962859	6032393	5972290	0.94	cps
Rhodium	103-2	2653863	2647439	2612224	2637842	0.85	cps
Scandium	45-1	4067512	4124366	4123272	4105050	0.79	cps
Scandium	45-2	86280	85928	86692	86300	0.44	cps
Selenium	82-1	193136	193834	195395	194122	0.60	cps
Selenium	77-2	3807	3791	3711	3769	1.37	cps
Selenium	78-2	12846	12786	12596	12743	1.03	cps
Silicon	28-1	8003348	8072480	8025563	8033797	0.44	cps
Silver	107-1	16259836	16651113	16446820	16452589	1.19	cps
Silver	109-1	15378193	15426702	15647994	15484296	0.93	cps
Sodium	23-2	28772671	29288212	29033290	29031391	0.89	cps
Strontium	86-1	4234036	4213841	4232923	4226933	0.27	cps
Strontium	88-1	36334847	36822891	37501443	36886394	1.59	cps
Sulfur	34-1	1461190	1411618	1422198	1431668	1.82	cps
Terbium	159-1	8068658	8202149	8077923	8116243	0.92	cps
Terbium	159-2	3059153	3211218	3126636	3132335	2.43	cps
Thallium	203-1	11312539	11429444	11502487	11414823	0.84	cps
Thallium	205-1	27137134	27523526	27387330	27349330	0.72	cps
Tin	118-1	10399440	10403521	10344583	10382515	0.32	cps
Titanium	47-1	17620377	17734849	17584361	17646529	0.45	cps
Uranium	238-1	33455045	34865393	34483237	34267891	2.13	cps

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2025-04-14 15:24:39	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	2064534	2071938	2068955	2068476	0.18	cps
Ytterbium	172-1	213	203	183	200	7.64	cps
Ytterbium	172-2	90	123	113	109	15.71	cps
Ytterbium	176-1	54696	55208	54247	54717	0.88	cps
Ytterbium	176-2	21671	22058	22042	21924	1.00	cps
Yttrium	89-1	11690589	11822181	11851358	11788043	0.73	cps
Yttrium	89-2	911778	918373	923458	917870	0.64	cps
Zinc	66-2	4513813	4498497	4478281	4496864	0.40	cps
Zirconium	90-1	22414316	22526820	22416761	22452632	0.29	cps
Zirconium	91-1	5060031	5036570	5044439	5047013	0.24	cps

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2025-04-14 15:27:24	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1633909	1610465	1657811	1634061	1.45	cps
Antimony	121-1	24805057	25352205	25714505	25290589	1.81	cps
Arsenic	75-2	546966	548374	549229	548190	0.21	cps
Barium	135-1	30371066	30928394	30954870	30751443	1.07	cps
Barium	137-1	53026836	52730683	52882413	52879977	0.28	cps
Beryllium	9-1	5345930	5353820	5394478	5364742	0.49	cps
Bismuth	209-1	4379380	4455487	4449526	4428131	0.96	cps
Bismuth	209-2	2125890	2096582	2136912	2119795	0.98	cps
Bromine	81-1	25497	25814	24749	25353	2.16	cps
Cadmium	108-1	478522	478562	487481	481522	1.07	cps
Cadmium	106-1	692074	699112	707821	699669	1.13	cps
Cadmium	111-1	6318744	6246338	6320407	6295163	0.67	cps
Calcium	43-1	7488344	7579488	7703736	7590523	1.42	cps
Calcium	44-1	123641338	126487848	126514058	125547748	1.32	cps
Carbon	12-1	5650064	5981415	6099203	5910227	3.94	cps
Carbon	12-2	46587	46971	47212	46923	0.67	cps
Chlorine	35-1	175668	182012	185475	181052	2.75	cps
Chlorine	35-2	697	723	823	748	8.93	cps
Chromium	52-2	5324208	5361070	5417156	5367478	0.87	cps
Cobalt	59-2	9773370	9771967	9861430	9802256	0.52	cps
Copper	63-2	76755562	77123489	76904842	76927964	0.24	cps
Dysprosium	156-1	517	530	577	541	5.82	cps
Dysprosium	156-2	63	90	80	78	17.32	cps
Erbium	164-1	267	310	313	297	8.78	cps
Erbium	164-2	133	103	140	126	15.55	cps
Gadolinium	160-1	273	337	253	288	15.12	cps
Gadolinium	160-2	93	57	100	83	28.00	cps
Holmium	165-1	7751773	7961569	7842924	7852089	1.34	cps
Holmium	165-2	3189474	3173866	3185170	3182837	0.25	cps
Indium	115-1	6009687	6015672	5997573	6007644	0.15	cps
Indium	115-2	630722	628580	635173	631492	0.53	cps
Iron	54-2	10892031	11043042	11124609	11019894	1.07	cps
Iron	56-2	205948244	200870017	202131024	202983095	1.30	cps
Iron	57-2	5140312	5081929	5084858	5102366	0.64	cps
Krypton	83-1	390	423	320	378	13.96	cps
Lead	206-1	92177215	91834505	92605209	92205643	0.42	cps

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2025-04-14 15:27:24	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	76086862	77579349	78026431	77230881	1.32	cps
Lead	208-1	353981348	357170378	362739316	357963681	1.24	cps
Lithium	6-1	2251373	2255431	2320630	2275811	1.71	cps
Magnesium	24-2	29178477	29009357	28890857	29026230	0.50	cps
Manganese	55-2	22939340	22700051	22834895	22824762	0.53	cps
Molybdenum	94-1	90841989	91146749	89661005	90549914	0.87	cps
Molybdenum	95-1	130182818	128844625	129826275	129617906	0.53	cps
Molybdenum	96-1	140112221	140124845	143334181	141190416	1.31	cps
Molybdenum	97-1	78913072	80033699	80016415	79654395	0.81	cps
Molybdenum	98-1	208221224	208570104	208258844	208350057	0.09	cps
Neodymium	150-1	2007	1907	1967	1960	2.57	cps
Neodymium	150-2	77	57	127	87	41.60	cps
Nickel	60-2	2830545	2794489	2797118	2807384	0.72	cps
Phosphorus	31-2	84038	83478	84688	84068	0.72	cps
Potassium	39-2	9810490	9830403	9890617	9843837	0.42	cps
Rhodium	103-1	5650992	5767275	5671134	5696467	1.09	cps
Rhodium	103-2	2536962	2497178	2562673	2532271	1.30	cps
Scandium	45-1	4046404	4071792	4089687	4069294	0.53	cps
Scandium	45-2	86790	87980	88332	87701	0.92	cps
Selenium	82-1	371571	380297	382607	378159	1.54	cps
Selenium	77-2	7269	7412	7105	7262	2.11	cps
Selenium	78-2	24668	24304	24288	24420	0.88	cps
Silicon	28-1	14803587	15027794	15337915	15056432	1.78	cps
Silver	107-1	31340871	31258291	31735385	31444849	0.81	cps
Silver	109-1	29229663	29830849	30454737	29838416	2.05	cps
Sodium	23-2	57622556	56934931	57173559	57243682	0.61	cps
Strontium	86-1	8379154	8433494	8338581	8383743	0.57	cps
Strontium	88-1	72244472	73690067	74582359	73505633	1.61	cps
Sulfur	34-1	2303107	2322561	2289165	2304944	0.73	cps
Terbium	159-1	7880152	8071377	8056926	8002819	1.33	cps
Terbium	159-2	3149793	3115121	3071525	3112146	1.26	cps
Thallium	203-1	22458117	22530535	22506493	22498382	0.16	cps
Thallium	205-1	53348416	53217066	53999729	53521737	0.78	cps
Tin	118-1	20656281	20840123	21085176	20860527	1.03	cps
Titanium	47-1	34509949	35274717	34908453	34897706	1.10	cps
Uranium	238-1	68055182	68399204	69407157	68620515	1.02	cps

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2025-04-14 15:27:24	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	3979192	4013778	4086172	4026380	1.36	cps
Ytterbium	172-1	337	390	383	370	7.85	cps
Ytterbium	172-2	197	213	160	190	14.36	cps
Ytterbium	176-1	106596	107866	109752	108071	1.47	cps
Ytterbium	176-2	43485	42712	43776	43324	1.27	cps
Yttrium	89-1	11577893	11772593	11748071	11699519	0.91	cps
Yttrium	89-2	903785	900029	908591	904135	0.47	cps
Zinc	66-2	8676151	8689709	8758358	8708073	0.51	cps
Zirconium	90-1	45271269	45527039	44912448	45236919	0.68	cps
Zirconium	91-1	9993534	10078957	9960056	10010849	0.61	cps

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2025-04-14 15:30:11	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8793450	8810788	8525542	8709927	1.84	cps
Antimony	121-1	13947	13233	12900	13360	4.01	cps
Arsenic	75-2	280	373	340	331	14.28	cps
Barium	135-1	12102	12122	11575	11933	2.60	cps
Barium	137-1	21133	20829	19968	20644	2.93	cps
Beryllium	9-1	721	595	549	622	14.36	cps
Bismuth	209-1	3976898	3970233	3941288	3962807	0.48	cps
Bismuth	209-2	1985567	1920122	1945529	1950406	1.69	cps
Bromine	81-1	23273	24425	24201	23966	2.55	cps
Cadmium	108-1	190	147	177	171	12.97	cps
Cadmium	106-1	4114	4121	4047	4094	0.99	cps
Cadmium	111-1	3754	3605	3700	3686	2.04	cps
Calcium	43-1	37666533	36819726	37166770	37217676	1.14	cps
Calcium	44-1	622311284	610664698	617934564	616970182	0.95	cps
Carbon	12-1	4521521	4540732	4424844	4495699	1.38	cps
Carbon	12-2	39546	39242	39149	39312	0.53	cps
Chlorine	35-1	120668	121451	120587	120902	0.39	cps
Chlorine	35-2	560	560	563	561	0.34	cps
Chromium	52-2	48164	47783	47101	47682	1.13	cps
Cobalt	59-2	22060	21510	20999	21523	2.47	cps
Copper	63-2	21132	21156	20532	20940	1.69	cps
Dysprosium	156-1	883	853	913	883	3.40	cps
Dysprosium	156-2	297	293	320	303	4.79	cps
Erbium	164-1	990	960	1077	1009	6.01	cps
Erbium	164-2	473	443	373	430	11.93	cps
Gadolinium	160-1	783	830	850	821	4.17	cps
Gadolinium	160-2	357	390	343	363	6.62	cps
Holmium	165-1	7563007	7347812	7387978	7432932	1.54	cps
Holmium	165-2	3147303	3153362	3150610	3150425	0.10	cps
Indium	115-1	5976127	5968697	5893579	5946134	0.77	cps
Indium	115-2	704379	697486	699503	700456	0.51	cps
Iron	54-2	54867008	53817899	52489541	53724816	2.22	cps
Iron	56-2	1020289558	1008913692	980371319	1003191523	2.05	cps
Iron	57-2	25360962	25090721	24756272	25069319	1.21	cps
Krypton	83-1	337	343	313	331	4.76	cps
Lead	206-1	95515	95368	94226	95037	0.74	cps

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2025-04-14 15:30:11	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	82648	80783	79418	80950	2.00	cps
Lead	208-1	376943	373587	369054	373195	1.06	cps
Lithium	6-1	2120474	2157451	2176721	2151549	1.33	cps
Magnesium	24-2	150448758	149437218	146488668	148791548	1.38	cps
Manganese	55-2	12115	12429	12285	12276	1.28	cps
Molybdenum	94-1	17434	17154	16897	17162	1.57	cps
Molybdenum	95-1	17041	16093	16543	16559	2.86	cps
Molybdenum	96-1	30577	30116	29525	30073	1.75	cps
Molybdenum	97-1	10467	10000	9750	10073	3.61	cps
Molybdenum	98-1	25868	24305	23984	24719	4.08	cps
Neodymium	150-1	463	443	490	466	5.03	cps
Neodymium	150-2	150	127	123	133	10.89	cps
Nickel	60-2	13483	13543	13326	13451	0.83	cps
Phosphorus	31-2	187	137	183	169	16.55	cps
Potassium	39-2	53371159	53237581	52338376	52982372	1.06	cps
Rhodium	103-1	5231027	5157948	5194027	5194334	0.70	cps
Rhodium	103-2	2303628	2310335	2294898	2302954	0.34	cps
Scandium	45-1	4027808	3922674	3988342	3979608	1.33	cps
Scandium	45-2	87789	86575	86646	87003	0.78	cps
Selenium	82-1	380	257	380	339	21.01	cps
Selenium	77-2	3	13	7	8	65.47	cps
Selenium	78-2	23	20	40	28	38.58	cps
Silicon	28-1	776694	738993	710170	741952	4.50	cps
Silver	107-1	3200	2924	2697	2940	8.58	cps
Silver	109-1	3050	2824	2597	2824	8.03	cps
Sodium	23-2	303813402	296602216	294195056	298203558	1.68	cps
Strontium	86-1	27313	26609	26655	26859	1.47	cps
Strontium	88-1	230861	229781	229504	230048	0.31	cps
Sulfur	34-1	448844	453759	459344	453982	1.16	cps
Terbium	159-1	7665972	7722128	7520168	7636089	1.37	cps
Terbium	159-2	3047546	3029371	3009790	3028902	0.62	cps
Thallium	203-1	1920	1637	1450	1669	14.18	cps
Thallium	205-1	4421	3641	3330	3797	14.80	cps
Tin	118-1	6138	6298	6592	6343	3.63	cps
Titanium	47-1	2430	2697	2527	2551	5.29	cps
Uranium	238-1	2967	2764	2434	2721	9.89	cps

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2025-04-14 15:30:11	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1197	1140	1187	1175	2.58	cps
Ytterbium	172-1	1707	1650	1683	1680	1.70	cps
Ytterbium	172-2	840	783	713	779	8.15	cps
Ytterbium	176-1	1997	1944	2020	1987	1.98	cps
Ytterbium	176-2	733	800	690	741	7.48	cps
Yttrium	89-1	11254940	11366007	11195566	11272171	0.77	cps
Yttrium	89-2	926317	927780	930580	928226	0.23	cps
Zinc	66-2	54026	53470	52330	53275	1.62	cps
Zirconium	90-1	20692	20375	20762	20610	1.00	cps
Zirconium	91-1	4531	4614	4577	4574	0.91	cps

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired :	2025-04-14 15:56:54	DataFile Name :	017ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	46267	46478	45080	45941	1.64	cps
Antimony	121-1	5351681	5353688	5452118	5385829	1.07	cps
Arsenic	75-2	123099	121794	120150	121681	1.21	cps
Barium	135-1	635199	636925	645994	639373	0.91	cps
Barium	137-1	1101873	1102001	1106325	1103400	0.23	cps
Beryllium	9-1	658779	661976	662669	661141	0.31	cps
Bismuth	209-1	5056718	5086934	5030568	5058074	0.56	cps
Bismuth	209-2	2471891	2500180	2505022	2492364	0.72	cps
Bromine	81-1	28282	27287	27400	27656	1.97	cps
Cadmium	108-1	44435	45214	44140	44596	1.24	cps
Cadmium	106-1	65679	65146	66272	65699	0.86	cps
Cadmium	111-1	679544	683437	696742	686575	1.31	cps
Calcium	43-1	165446	164786	167129	165787	0.73	cps
Calcium	44-1	2745862	2778062	2825071	2782998	1.43	cps
Carbon	12-1	4432220	4461112	4489045	4460792	0.64	cps
Carbon	12-2	30158	29994	29693	29948	0.79	cps
Chlorine	35-1	104248	103198	104131	103859	0.55	cps
Chlorine	35-2	483	437	500	473	6.94	cps
Chromium	52-2	614989	615068	605109	611722	0.94	cps
Cobalt	59-2	1172461	1159583	1139882	1157309	1.42	cps
Copper	63-2	928963	921992	912039	920998	0.92	cps
Dysprosium	156-1	13	30	13	19	50.96	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	63	63	70	66	5.87	cps
Erbium	164-2	37	20	23	27	33.08	cps
Gadolinium	160-1	103	73	77	84	19.48	cps
Gadolinium	160-2	13	13	17	14	13.35	cps
Holmium	165-1	8127819	8301819	8315227	8248288	1.27	cps
Holmium	165-2	3457663	3537054	3460046	3484921	1.30	cps
Indium	115-1	7057596	7171767	7146207	7125190	0.84	cps
Indium	115-2	826802	820880	820114	822599	0.44	cps
Iron	54-2	508452	503014	497573	503013	1.08	cps
Iron	56-2	9222994	9113763	8862257	9066338	2.04	cps
Iron	57-2	226816	224164	223662	224881	0.75	cps
Krypton	83-1	277	323	317	306	8.26	cps
Lead	206-1	3973305	4134248	4035451	4047668	2.01	cps

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired :	2025-04-14 15:56:54	DataFile Name :	017ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	3276319	3350352	3336289	3320987	1.18	cps
Lead	208-1	15346941	15670426	15607378	15541582	1.10	cps
Lithium	6-1	2563364	2549717	2612047	2575043	1.27	cps
Magnesium	24-2	385408	384894	379904	383402	0.79	cps
Manganese	55-2	281011	277968	277210	278729	0.72	cps
Molybdenum	94-1	887	980	970	946	5.42	cps
Molybdenum	95-1	427	477	483	462	6.70	cps
Molybdenum	96-1	843	1097	970	970	13.06	cps
Molybdenum	97-1	300	343	267	303	12.67	cps
Molybdenum	98-1	763	823	753	780	4.85	cps
Neodymium	150-1	50	87	23	53	59.63	cps
Neodymium	150-2	13	0	13	9	86.60	cps
Nickel	60-2	325612	327498	319319	324143	1.32	cps
Phosphorus	31-2	147	100	140	129	19.58	cps
Potassium	39-2	456136	456882	452369	455129	0.53	cps
Rhodium	103-1	6845454	6725817	6737913	6769728	0.97	cps
Rhodium	103-2	2997775	2960407	2970681	2976288	0.65	cps
Scandium	45-1	4541829	4593589	4584172	4573197	0.60	cps
Scandium	45-2	98081	97186	97095	97454	0.56	cps
Selenium	82-1	87224	86739	88113	87359	0.80	cps
Selenium	77-2	1787	1790	1710	1762	2.57	cps
Selenium	78-2	5945	6058	5731	5911	2.81	cps
Silicon	28-1	503920	504625	494102	500883	1.17	cps
Silver	107-1	1770786	1784666	1813315	1789589	1.21	cps
Silver	109-1	1676419	1720959	1730758	1709378	1.69	cps
Sodium	23-2	1348714	1356246	1337757	1347572	0.69	cps
Strontium	86-1	2660	2517	2617	2598	2.83	cps
Strontium	88-1	18809	19414	19360	19194	1.74	cps
Sulfur	34-1	532211	528143	528007	529454	0.45	cps
Terbium	159-1	8671653	8609404	8636331	8639129	0.36	cps
Terbium	159-2	3400601	3350491	3328374	3359822	1.10	cps
Thallium	203-1	4827473	4976785	4819010	4874423	1.82	cps
Thallium	205-1	11515609	11716159	11282298	11504688	1.89	cps
Tin	118-1	4231	4397	4084	4237	3.70	cps
Titanium	47-1	293	340	243	292	16.54	cps
Uranium	238-1	170	210	240	207	17.00	cps

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired :	2025-04-14 15:56:54	DataFile Name :	017ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	453327	454931	444385	450881	1.26	cps
Ytterbium	172-1	50	50	70	57	20.38	cps
Ytterbium	172-2	13	23	27	21	32.88	cps
Ytterbium	176-1	1010	1073	1083	1056	3.77	cps
Ytterbium	176-2	323	260	263	282	12.63	cps
Yttrium	89-1	13096299	12941614	12759381	12932431	1.30	cps
Yttrium	89-2	1036409	1019350	1026178	1027312	0.84	cps
Zinc	66-2	199974	197882	194482	197446	1.40	cps
Zirconium	90-1	1527	1657	1593	1592	4.08	cps
Zirconium	91-1	1233	1097	1110	1147	6.57	cps

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2025-04-14 16:09:07	DataFile Name :	020LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2317	2164	2300	2260	3.72	cps
Antimony	121-1	55981	55763	55392	55712	0.53	cps
Arsenic	75-2	660	690	653	668	2.92	cps
Barium	135-1	66696	66355	66894	66648	0.41	cps
Barium	137-1	114428	116284	114899	115204	0.84	cps
Beryllium	9-1	7248	7258	7291	7266	0.31	cps
Bismuth	209-1	5056914	4919711	5006665	4994430	1.39	cps
Bismuth	209-2	2531514	2487099	2509181	2509264	0.89	cps
Bromine	81-1	28399	28626	28569	28531	0.41	cps
Cadmium	108-1	583	580	570	578	1.20	cps
Cadmium	106-1	4984	5271	5294	5183	3.33	cps
Cadmium	111-1	10479	10162	10419	10353	1.63	cps
Calcium	43-1	47217	46539	47652	47136	1.19	cps
Calcium	44-1	773774	784455	783793	780674	0.77	cps
Carbon	12-1	4013757	4030911	3964621	4003096	0.86	cps
Carbon	12-2	27132	26414	26494	26680	1.47	cps
Chlorine	35-1	99005	97891	98660	98519	0.58	cps
Chlorine	35-2	363	403	433	400	8.78	cps
Chromium	52-2	14998	14871	14524	14798	1.66	cps
Cobalt	59-2	13133	13153	12729	13005	1.84	cps
Copper	63-2	21283	22237	21076	21532	2.88	cps
Dysprosium	156-1	33	13	37	28	45.44	cps
Dysprosium	156-2	7	10	0	6	91.64	cps
Erbium	164-1	57	67	40	54	24.75	cps
Erbium	164-2	23	17	27	22	22.91	cps
Gadolinium	160-1	87	90	50	76	29.38	cps
Gadolinium	160-2	13	13	17	14	13.35	cps
Holmium	165-1	8239705	8078396	8267236	8195113	1.24	cps
Holmium	165-2	3491356	3486258	3541340	3506318	0.87	cps
Indium	115-1	7271978	7159703	7172341	7201340	0.85	cps
Indium	115-2	836246	826796	837554	833532	0.70	cps
Iron	54-2	15025	14437	14975	14812	2.20	cps
Iron	56-2	262160	263071	257157	260796	1.22	cps
Iron	57-2	6668	6315	6158	6380	4.10	cps
Krypton	83-1	283	327	300	303	7.21	cps
Lead	206-1	20917	20843	21134	20965	0.72	cps

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2025-04-14 16:09:07	DataFile Name :	020LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	17749	18166	17979	17965	1.16	cps
Lead	208-1	81821	82539	83894	82751	1.27	cps
Lithium	6-1	2527713	2552993	2580976	2553894	1.04	cps
Magnesium	24-2	188897	186663	184864	186808	1.08	cps
Manganese	55-2	26177	26344	25677	26066	1.33	cps
Molybdenum	94-1	58666	60404	58891	59320	1.59	cps
Molybdenum	95-1	71978	72022	72793	72264	0.63	cps
Molybdenum	96-1	79402	79234	80572	79736	0.91	cps
Molybdenum	97-1	44100	44852	44785	44579	0.93	cps
Molybdenum	98-1	114565	113627	114586	114260	0.48	cps
Neodymium	150-1	17	10	23	17	39.99	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	4181	4307	4084	4191	2.67	cps
Phosphorus	31-2	307	313	257	292	10.60	cps
Potassium	39-2	140116	140539	139910	140188	0.23	cps
Rhodium	103-1	6817318	6775208	6796619	6796382	0.31	cps
Rhodium	103-2	3068539	3047921	2990354	3035605	1.33	cps
Scandium	45-1	4619792	4701404	4622753	4647983	1.00	cps
Scandium	45-2	101284	99820	101828	100977	1.03	cps
Selenium	82-1	2244	2384	2190	2272	4.40	cps
Selenium	77-2	43	70	53	56	24.25	cps
Selenium	78-2	163	180	177	173	5.09	cps
Silicon	28-1	584704	601226	592406	592779	1.39	cps
Silver	107-1	35275	35987	36358	35873	1.53	cps
Silver	109-1	33634	34172	34490	34099	1.27	cps
Sodium	23-2	412453	407215	407322	408997	0.73	cps
Strontium	86-1	9827	10314	10254	10132	2.62	cps
Strontium	88-1	83642	82911	83645	83399	0.51	cps
Sulfur	34-1	550338	553627	547909	550625	0.52	cps
Terbium	159-1	8545868	8655062	8470890	8557273	1.08	cps
Terbium	159-2	3426770	3374561	3436040	3412457	0.97	cps
Thallium	203-1	25081	24396	24109	24529	2.04	cps
Thallium	205-1	57995	57946	58303	58081	0.33	cps
Tin	118-1	118373	118605	120562	119180	1.01	cps
Titanium	47-1	20765	21049	20945	20920	0.69	cps
Uranium	238-1	71094	72787	73012	72298	1.45	cps

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2025-04-14 16:09:07	DataFile Name :	020LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	24565	24962	24765	24764	0.80	cps
Ytterbium	172-1	60	47	40	49	20.83	cps
Ytterbium	172-2	20	7	23	17	52.90	cps
Ytterbium	176-1	1130	1147	1147	1141	0.84	cps
Ytterbium	176-2	260	327	293	293	11.36	cps
Yttrium	89-1	12991794	12992682	12675173	12886550	1.42	cps
Yttrium	89-2	1055841	1042579	1049275	1049232	0.63	cps
Zinc	66-2	7045	7038	7012	7032	0.25	cps
Zirconium	90-1	50267	51789	50337	50798	1.69	cps
Zirconium	91-1	11562	11258	11121	11314	1.99	cps

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired :	2025-04-14 16:12:58	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	267	297	257	273	7.62	cps
Antimony	121-1	203	293	207	234	21.76	cps
Arsenic	75-2	3	7	10	7	50.03	cps
Barium	135-1	137	160	147	148	7.92	cps
Barium	137-1	270	210	243	241	12.47	cps
Beryllium	9-1	120	97	94	104	13.69	cps
Bismuth	209-1	5014522	5013232	4980846	5002866	0.38	cps
Bismuth	209-2	2477462	2505809	2462069	2481780	0.89	cps
Bromine	81-1	28549	28335	28579	28488	0.47	cps
Cadmium	108-1	13	13	10	12	15.73	cps
Cadmium	106-1	4474	4524	4404	4467	1.35	cps
Cadmium	111-1	3159	3194	3096	3150	1.58	cps
Calcium	43-1	1277	1263	1303	1281	1.59	cps
Calcium	44-1	31267	31441	31391	31367	0.29	cps
Carbon	12-1	4234721	4320677	4242419	4265939	1.11	cps
Carbon	12-2	29723	29186	29102	29337	1.15	cps
Chlorine	35-1	139535	142695	142416	141549	1.24	cps
Chlorine	35-2	597	593	597	596	0.32	cps
Chromium	52-2	1423	1263	1273	1320	6.79	cps
Cobalt	59-2	80	100	90	90	11.11	cps
Copper	63-2	1897	1947	1993	1946	2.48	cps
Dysprosium	156-1	3	20	3	9	108.30	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	47	77	43	56	33.05	cps
Erbium	164-2	20	20	13	18	21.66	cps
Gadolinium	160-1	70	73	77	73	4.55	cps
Gadolinium	160-2	10	7	13	10	33.30	cps
Holmium	165-1	8341839	8040672	8301048	8227853	1.99	cps
Holmium	165-2	3429273	3469282	3481122	3459892	0.79	cps
Indium	115-1	7109393	7302343	7182789	7198175	1.35	cps
Indium	115-2	833023	837058	830546	833543	0.39	cps
Iron	54-2	1373	1380	1520	1425	5.81	cps
Iron	56-2	21326	21166	22188	21560	2.55	cps
Iron	57-2	580	450	530	520	12.61	cps
Krypton	83-1	290	237	357	294	20.42	cps
Lead	206-1	1350	1503	1517	1457	6.36	cps

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired :	2025-04-14 16:12:58	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	1177	1130	1083	1130	4.13	cps
Lead	208-1	5467	5531	5591	5529	1.12	cps
Lithium	6-1	2591451	2608134	2555143	2584909	1.05	cps
Magnesium	24-2	400	430	480	437	9.26	cps
Manganese	55-2	20725	20408	20154	20429	1.40	cps
Molybdenum	94-1	460	500	593	518	13.21	cps
Molybdenum	95-1	247	167	167	193	23.89	cps
Molybdenum	96-1	280	267	287	278	3.67	cps
Molybdenum	97-1	90	130	120	113	18.37	cps
Molybdenum	98-1	270	280	247	266	6.44	cps
Neodymium	150-1	10	7	10	9	21.63	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	1390	1440	1197	1342	9.57	cps
Phosphorus	31-2	153	157	137	149	7.20	cps
Potassium	39-2	17915	18532	18332	18259	1.73	cps
Rhodium	103-1	6665546	6923295	6766397	6785080	1.91	cps
Rhodium	103-2	2999718	3040500	2989812	3010010	0.89	cps
Scandium	45-1	4651903	4715733	4685685	4684440	0.68	cps
Scandium	45-2	100629	99645	102005	100760	1.18	cps
Selenium	82-1	37	60	-70	9	780.26	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	20	37	17	24	43.83	cps
Silicon	28-1	493408	494635	495581	494541	0.22	cps
Silver	107-1	343	387	323	351	9.22	cps
Silver	109-1	317	320	283	307	6.61	cps
Sodium	23-2	41004	41151	40235	40797	1.21	cps
Strontium	86-1	543	520	533	532	2.20	cps
Strontium	88-1	633	673	643	650	3.20	cps
Sulfur	34-1	553508	555545	550300	553118	0.48	cps
Terbium	159-1	8507391	8544472	8439956	8497273	0.62	cps
Terbium	159-2	3420730	3371440	3369688	3387286	0.86	cps
Thallium	203-1	317	330	300	316	4.76	cps
Thallium	205-1	900	787	797	828	7.58	cps
Tin	118-1	4577	4394	4584	4519	2.39	cps
Titanium	47-1	240	220	253	238	7.06	cps
Uranium	238-1	127	123	137	129	5.38	cps

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired :	2025-04-14 16:12:58	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	13	23	23	20	28.87	cps
Ytterbium	172-1	67	27	37	43	48.03	cps
Ytterbium	172-2	7	30	37	24	64.43	cps
Ytterbium	176-1	1060	1033	1020	1038	1.96	cps
Ytterbium	176-2	313	237	287	279	13.96	cps
Yttrium	89-1	12838952	12681817	12604993	12708587	0.94	cps
Yttrium	89-2	1048566	1033463	1044947	1042325	0.76	cps
Zinc	66-2	1627	1580	1603	1603	1.46	cps
Zirconium	90-1	1157	1143	1260	1187	5.38	cps
Zirconium	91-1	237	230	263	243	7.25	cps

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired :	2025-04-14 16:23:11	DataFile Name :	023ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9232773	9176213	9084494	9164493	0.82	cps
Antimony	121-1	33437	33919	32983	33446	1.40	cps
Arsenic	75-2	207	207	177	197	8.81	cps
Barium	135-1	9467	9463	9847	9592	2.30	cps
Barium	137-1	16490	16193	16781	16488	1.78	cps
Beryllium	9-1	1954	1960	1935	1949	0.67	cps
Bismuth	209-1	4395231	4420795	4571836	4462621	2.14	cps
Bismuth	209-2	2257177	2205044	2221383	2227868	1.20	cps
Bromine	81-1	31105	30834	31135	31024	0.53	cps
Cadmium	108-1	7005	7169	6932	7035	1.72	cps
Cadmium	106-1	4104	4084	3854	4014	3.46	cps
Cadmium	111-1	6652	6347	6482	6493	2.36	cps
Calcium	43-1	8765568	8762215	8778321	8768701	0.10	cps
Calcium	44-1	143142238	143054378	145129535	143775383	0.82	cps
Carbon	12-1	55498984	57878684	58585939	57321202	2.82	cps
Carbon	12-2	393636	395411	395899	394982	0.30	cps
Chlorine	35-1	120906612	128139921	131962361	127002965	4.42	cps
Chlorine	35-2	606356	616885	617285	613509	1.01	cps
Chromium	52-2	126342	125586	125273	125734	0.44	cps
Cobalt	59-2	13633	13773	13940	13782	1.12	cps
Copper	63-2	69955	69556	69533	69681	0.34	cps
Dysprosium	156-1	127	120	103	117	10.30	cps
Dysprosium	156-2	37	30	23	30	22.23	cps
Erbium	164-1	153	127	140	140	9.52	cps
Erbium	164-2	53	57	50	53	6.25	cps
Gadolinium	160-1	153	180	103	146	26.74	cps
Gadolinium	160-2	77	53	97	76	28.71	cps
Holmium	165-1	7802464	7928547	7984160	7905057	1.18	cps
Holmium	165-2	3293857	3267129	3368224	3309737	1.58	cps
Indium	115-1	6604620	6520761	6531362	6552247	0.70	cps
Indium	115-2	749426	755685	758759	754623	0.63	cps
Iron	54-2	25768468	25457457	25228160	25484695	1.06	cps
Iron	56-2	473776913	474012486	471772873	473187424	0.26	cps
Iron	57-2	11819372	11893543	12001073	11904663	0.77	cps
Krypton	83-1	333	320	393	349	11.20	cps
Lead	206-1	88647	88959	88637	88748	0.21	cps

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired :	2025-04-14 16:23:11	DataFile Name :	023ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	68637	69575	69448	69220	0.74	cps
Lead	208-1	327914	327628	329572	328371	0.32	cps
Lithium	6-1	2327464	2380706	2403388	2370519	1.64	cps
Magnesium	24-2	33072404	33133170	32428660	32878078	1.19	cps
Manganese	55-2	40628	39956	39852	40145	1.05	cps
Molybdenum	94-1	16079489	16040264	15795788	15971847	0.96	cps
Molybdenum	95-1	27999891	28438510	28231020	28223140	0.78	cps
Molybdenum	96-1	29893118	30258708	30441413	30197746	0.92	cps
Molybdenum	97-1	17378543	17384393	17360698	17374545	0.07	cps
Molybdenum	98-1	45671991	44720829	44846763	45079861	1.15	cps
Neodymium	150-1	143	140	90	124	24.01	cps
Neodymium	150-2	17	30	40	29	40.51	cps
Nickel	60-2	18953	19563	18899	19139	1.93	cps
Phosphorus	31-2	528004	526548	526745	527099	0.15	cps
Potassium	39-2	23846881	23870326	23923740	23880316	0.16	cps
Rhodium	103-1	6053091	5979213	6031802	6021369	0.63	cps
Rhodium	103-2	2690864	2664925	2652690	2669493	0.73	cps
Scandium	45-1	4529661	4494602	4548636	4524300	0.61	cps
Scandium	45-2	95816	96562	94552	95643	1.06	cps
Selenium	82-1	63	67	-40	30	202.14	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	47	37	33	39	17.85	cps
Silicon	28-1	876905	881913	886772	881864	0.56	cps
Silver	107-1	1093	1373	1747	1405	23.34	cps
Silver	109-1	1180	1350	1673	1401	17.89	cps
Sodium	23-2	70578356	70590751	70043154	70404087	0.44	cps
Strontium	86-1	304251	307963	309639	307285	0.90	cps
Strontium	88-1	2750907	2785634	2842355	2792965	1.65	cps
Sulfur	34-1	11179555	11222311	11413277	11271714	1.10	cps
Terbium	159-1	8059628	8148078	8215712	8141139	0.96	cps
Terbium	159-2	3178918	3213973	3186874	3193255	0.58	cps
Thallium	203-1	1340	1627	2017	1661	20.45	cps
Thallium	205-1	3370	4317	4838	4175	17.82	cps
Tin	118-1	7876	7632	7492	7667	2.53	cps
Titanium	47-1	8234417	8379740	8411639	8341932	1.13	cps
Uranium	238-1	1590	1663	1550	1601	3.59	cps

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired :	2025-04-14 16:23:11	DataFile Name :	023ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	663	700	667	677	3.00	cps
Ytterbium	172-1	60	73	67	67	10.00	cps
Ytterbium	172-2	37	30	33	33	10.01	cps
Ytterbium	176-1	973	997	1057	1009	4.26	cps
Ytterbium	176-2	260	317	313	297	10.72	cps
Yttrium	89-1	11943379	12278586	12310378	12177447	1.67	cps
Yttrium	89-2	986362	988897	982305	985855	0.34	cps
Zinc	66-2	15602	15729	15178	15503	1.86	cps
Zirconium	90-1	2270	2294	2430	2331	3.71	cps
Zirconium	91-1	450	493	553	499	10.40	cps

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired :	2025-04-14 16:38:18	DataFile Name :	027ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8477859	8264721	8268353	8336978	1.46	cps
Antimony	121-1	504923	509480	507119	507174	0.45	cps
Arsenic	75-2	11962	11461	11858	11761	2.25	cps
Barium	135-1	125499	125246	127123	125956	0.81	cps
Barium	137-1	215120	217023	218644	216929	0.81	cps
Beryllium	9-1	117380	120299	119356	119012	1.25	cps
Bismuth	209-1	4525691	4627812	4528330	4560611	1.28	cps
Bismuth	209-2	2257005	2240316	2203311	2233544	1.23	cps
Bromine	81-1	31676	33407	33557	32880	3.18	cps
Cadmium	108-1	13987	14071	14428	14162	1.65	cps
Cadmium	106-1	14925	14404	15138	14822	2.55	cps
Cadmium	111-1	124322	125545	126313	125394	0.80	cps
Calcium	43-1	7807535	7934954	7811823	7851438	0.92	cps
Calcium	44-1	128086488	129615048	130230761	129310766	0.85	cps
Carbon	12-1	51745674	52534073	53647634	52642460	1.82	cps
Carbon	12-2	367253	365306	368461	367007	0.43	cps
Chlorine	35-1	119262825	124009221	124609241	122627096	2.39	cps
Chlorine	35-2	581426	570337	577425	576396	0.97	cps
Chromium	52-2	228237	224550	223036	225274	1.19	cps
Cobalt	59-2	219652	219908	221433	220331	0.44	cps
Copper	63-2	224633	221386	221632	222550	0.81	cps
Dysprosium	156-1	130	110	110	117	9.90	cps
Dysprosium	156-2	37	43	47	42	12.06	cps
Erbium	164-1	140	150	160	150	6.67	cps
Erbium	164-2	47	50	37	44	15.61	cps
Gadolinium	160-1	193	153	147	164	15.35	cps
Gadolinium	160-2	53	67	60	60	11.12	cps
Holmium	165-1	8136212	8306319	8344355	8262296	1.34	cps
Holmium	165-2	3415585	3365379	3393364	3391443	0.74	cps
Indium	115-1	6951459	6930071	6949138	6943556	0.17	cps
Indium	115-2	782707	775437	779883	779343	0.47	cps
Iron	54-2	22847780	22729161	22869586	22815509	0.33	cps
Iron	56-2	428683060	419775074	426383620	424947251	1.09	cps
Iron	57-2	10761935	10559073	10747017	10689342	1.06	cps
Krypton	83-1	340	397	387	374	8.08	cps
Lead	206-1	409129	413502	413859	412164	0.64	cps

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired :	2025-04-14 16:38:18	DataFile Name :	027ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	335168	340351	342465	339328	1.11	cps
Lead	208-1	1563630	1574417	1584450	1574166	0.66	cps
Lithium	6-1	2418965	2428710	2438924	2428867	0.41	cps
Magnesium	24-2	30459723	30163605	29997100	30206810	0.78	cps
Manganese	55-2	84538	85155	85766	85153	0.72	cps
Molybdenum	94-1	14095508	14300596	14396484	14264196	1.08	cps
Molybdenum	95-1	24978434	25124973	25377597	25160335	0.80	cps
Molybdenum	96-1	26748651	27084219	26912752	26915207	0.62	cps
Molybdenum	97-1	15350490	15435878	15720206	15502191	1.25	cps
Molybdenum	98-1	39327751	39870059	40495447	39897752	1.46	cps
Neodymium	150-1	93	103	103	100	5.77	cps
Neodymium	150-2	20	17	23	20	16.65	cps
Nickel	60-2	73904	74028	73394	73775	0.45	cps
Phosphorus	31-2	478292	474572	476767	476544	0.39	cps
Potassium	39-2	22284299	21747181	21651779	21894419	1.56	cps
Rhodium	103-1	6268539	6265011	6367217	6300256	0.92	cps
Rhodium	103-2	2807817	2796003	2774352	2792724	0.61	cps
Scandium	45-1	4746750	4763661	4736785	4749065	0.29	cps
Scandium	45-2	101961	100028	100717	100902	0.97	cps
Selenium	82-1	8086	7899	8219	8068	1.99	cps
Selenium	77-2	127	217	163	169	26.80	cps
Selenium	78-2	573	503	560	546	6.81	cps
Silicon	28-1	893576	905968	907963	902502	0.86	cps
Silver	107-1	572798	580952	574180	575976	0.76	cps
Silver	109-1	546913	553687	556053	552218	0.86	cps
Sodium	23-2	65277481	63999832	64651931	64643081	0.99	cps
Strontium	86-1	272623	276598	278869	276030	1.15	cps
Strontium	88-1	2459758	2523905	2560902	2514855	2.03	cps
Sulfur	34-1	10199937	10368469	10251008	10273138	0.84	cps
Terbium	159-1	8460754	8474444	8489240	8474813	0.17	cps
Terbium	159-2	3271748	3244595	3210378	3242240	0.95	cps
Thallium	203-1	407927	411518	413307	410918	0.67	cps
Thallium	205-1	966401	990842	992719	983321	1.49	cps
Tin	118-1	7846	7776	7729	7783	0.75	cps
Titanium	47-1	7357549	7491983	7362588	7404040	1.03	cps
Uranium	238-1	1410	1487	1527	1475	4.02	cps

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired :	2025-04-14 16:38:18	DataFile Name :	027ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	88324	87110	86422	87285	1.10	cps
Ytterbium	172-1	60	63	67	63	5.27	cps
Ytterbium	172-2	30	43	50	41	24.77	cps
Ytterbium	176-1	940	1093	973	1002	8.05	cps
Ytterbium	176-2	230	180	217	209	12.40	cps
Yttrium	89-1	12883211	12935742	13084670	12967874	0.81	cps
Yttrium	89-2	1032606	1011998	1027435	1024013	1.05	cps
Zinc	66-2	31996	31746	32267	32003	0.81	cps
Zirconium	90-1	1830	2207	2194	2077	10.29	cps
Zirconium	91-1	483	547	590	540	9.93	cps

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired :	2025-04-14 16:41:29	DataFile Name :	028CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4996473	4989156	4905991	4963873	1.01	cps
Antimony	121-1	12874907	13086054	13052201	13004388	0.87	cps
Arsenic	75-2	303154	310999	303424	305859	1.46	cps
Barium	135-1	15721914	15940030	15606161	15756035	1.08	cps
Barium	137-1	26584365	26596940	26511341	26564215	0.17	cps
Beryllium	9-1	2758876	2834274	2820571	2804574	1.43	cps
Bismuth	209-1	4142715	4269032	4194742	4202163	1.51	cps
Bismuth	209-2	2104800	2141126	2116626	2120851	0.87	cps
Bromine	81-1	31308	32167	32732	32069	2.23	cps
Cadmium	108-1	243156	247866	243935	244985	1.03	cps
Cadmium	106-1	353556	358480	360379	357472	0.98	cps
Cadmium	111-1	3141227	3254263	3156665	3184051	1.92	cps
Calcium	43-1	20565996	21188411	20534441	20762949	1.78	cps
Calcium	44-1	334909428	340881035	345590275	340460246	1.57	cps
Carbon	12-1	5479606	5562960	5813162	5618576	3.09	cps
Carbon	12-2	44611	45590	45781	45327	1.39	cps
Chlorine	35-1	5879720	5519090	5278687	5559166	5.44	cps
Chlorine	35-2	22414	20989	20565	21322	4.54	cps
Chromium	52-2	3116225	3182832	3117639	3138898	1.21	cps
Cobalt	59-2	5531257	5587816	5533916	5550996	0.57	cps
Copper	63-2	41515908	41929634	41766406	41737316	0.50	cps
Dysprosium	156-1	653	603	580	612	6.12	cps
Dysprosium	156-2	170	147	197	171	14.62	cps
Erbium	164-1	590	610	593	598	1.79	cps
Erbium	164-2	223	207	210	213	4.14	cps
Gadolinium	160-1	420	497	447	454	8.56	cps
Gadolinium	160-2	163	227	223	204	17.43	cps
Holmium	165-1	7824264	7935655	7755006	7838308	1.16	cps
Holmium	165-2	3244520	3292472	3375871	3304288	2.01	cps
Indium	115-1	6309510	6189723	6354338	6284524	1.35	cps
Indium	115-2	712269	729557	725715	722513	1.26	cps
Iron	54-2	30787286	30646748	30372587	30602207	0.69	cps
Iron	56-2	545344832	557241618	559592125	554059525	1.38	cps
Iron	57-2	13832913	14093934	13949793	13958880	0.94	cps
Krypton	83-1	413	343	363	373	9.66	cps
Lead	206-1	43141959	43449038	44122198	43571065	1.15	cps

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired :	2025-04-14 16:41:29	DataFile Name :	028CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	36950144	37358349	36768447	37025647	0.82	cps
Lead	208-1	169966888	172828156	169181903	170658982	1.12	cps
Lithium	6-1	2230234	2240146	2300545	2256975	1.69	cps
Magnesium	24-2	86771252	85771239	85037449	85859980	1.01	cps
Manganese	55-2	13050059	13376161	13048748	13158323	1.43	cps
Molybdenum	94-1	46458324	46917989	46611171	46662495	0.50	cps
Molybdenum	95-1	67032961	68507822	67352187	67630990	1.15	cps
Molybdenum	96-1	74430669	74376546	74982994	74596736	0.45	cps
Molybdenum	97-1	41709477	41467174	42728034	41968228	1.59	cps
Molybdenum	98-1	107005705	107758232	110071438	108278458	1.48	cps
Neodymium	150-1	1223	1247	1313	1261	3.70	cps
Neodymium	150-2	100	97	103	100	3.33	cps
Nickel	60-2	1504130	1532942	1437955	1491676	3.26	cps
Phosphorus	31-2	50969	51772	51287	51343	0.79	cps
Potassium	39-2	30442815	30630705	30399254	30490924	0.40	cps
Rhodium	103-1	5894559	5814546	6011364	5906823	1.68	cps
Rhodium	103-2	2589225	2662877	2613921	2622008	1.43	cps
Scandium	45-1	4465705	4646107	4579821	4563877	2.00	cps
Scandium	45-2	101529	103472	103415	102806	1.08	cps
Selenium	82-1	193861	193397	194873	194044	0.39	cps
Selenium	77-2	4014	4087	4061	4054	0.92	cps
Selenium	78-2	13456	13643	13130	13410	1.94	cps
Silicon	28-1	8607761	8718689	9005407	8777286	2.34	cps
Silver	107-1	15524276	15922900	15560466	15669214	1.41	cps
Silver	109-1	14634251	14972172	14958370	14854931	1.29	cps
Sodium	23-2	172336964	172486101	174889737	173237601	0.83	cps
Strontium	86-1	4433660	4301230	4453872	4396254	1.89	cps
Strontium	88-1	38050234	38607099	39033982	38563772	1.28	cps
Sulfur	34-1	1624768	1642505	1592323	1619865	1.57	cps
Terbium	159-1	8129166	8120389	8100299	8116618	0.18	cps
Terbium	159-2	3180925	3249978	3226985	3219296	1.09	cps
Thallium	203-1	10407543	10546906	10686327	10546925	1.32	cps
Thallium	205-1	24869686	25326658	25505828	25234057	1.30	cps
Tin	118-1	10411170	10369980	10793497	10524882	2.22	cps
Titanium	47-1	19174639	19527282	19166961	19289627	1.07	cps
Uranium	238-1	32213729	33110001	31836525	32386752	2.02	cps

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired :	2025-04-14 16:41:29	DataFile Name :	028CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	2480835	2443222	2442153	2455403	0.90	cps
Ytterbium	172-1	980	927	910	939	3.89	cps
Ytterbium	172-2	413	457	470	447	6.63	cps
Ytterbium	176-1	53170	54120	54964	54085	1.66	cps
Ytterbium	176-2	21982	22202	22649	22278	1.53	cps
Yttrium	89-1	12274638	12092570	12497249	12288152	1.65	cps
Yttrium	89-2	1017343	1026150	1014655	1019383	0.59	cps
Zinc	66-2	4701996	4737287	4802159	4747147	1.07	cps
Zirconium	90-1	23284708	23303426	23517080	23368405	0.55	cps
Zirconium	91-1	5209938	5312052	5243222	5255071	0.99	cps

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired :	2025-04-14 16:44:20	DataFile Name :	029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	433	457	393	428	7.49	cps
Antimony	121-1	3194	2847	2470	2837	12.75	cps
Arsenic	75-2	7	13	30	17	72.11	cps
Barium	135-1	463	367	347	392	15.91	cps
Barium	137-1	810	763	717	763	6.11	cps
Beryllium	9-1	312	314	277	301	6.83	cps
Bismuth	209-1	4955067	4963901	5052575	4990514	1.08	cps
Bismuth	209-2	2547033	2528432	2488217	2521227	1.19	cps
Bromine	81-1	31870	31208	32551	31876	2.11	cps
Cadmium	108-1	30	43	20	31	37.62	cps
Cadmium	106-1	4571	4881	4811	4754	3.42	cps
Cadmium	111-1	3372	3573	3527	3491	3.02	cps
Calcium	43-1	1850	1847	1720	1806	4.10	cps
Calcium	44-1	46401	43653	44131	44728	3.28	cps
Carbon	12-1	4864675	4675105	4728609	4756130	2.05	cps
Carbon	12-2	31474	31494	31050	31339	0.80	cps
Chlorine	35-1	3087569	2953314	2801021	2947301	4.86	cps
Chlorine	35-2	11518	10958	10437	10971	4.93	cps
Chromium	52-2	1463	1583	1553	1533	4.07	cps
Cobalt	59-2	177	183	170	177	3.78	cps
Copper	63-2	3220	3204	2977	3134	4.34	cps
Dysprosium	156-1	7	17	17	13	43.29	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	57	73	53	61	17.53	cps
Erbium	164-2	33	20	20	24	31.49	cps
Gadolinium	160-1	83	77	67	76	11.10	cps
Gadolinium	160-2	7	13	27	16	65.47	cps
Holmium	165-1	8377028	8398131	8222074	8332411	1.15	cps
Holmium	165-2	3475230	3526747	3513466	3505148	0.76	cps
Indium	115-1	7443316	7435910	7519221	7466149	0.62	cps
Indium	115-2	843264	855037	848908	849069	0.69	cps
Iron	54-2	1633	1440	1467	1513	6.92	cps
Iron	56-2	21720	21924	21557	21733	0.85	cps
Iron	57-2	483	520	470	491	5.27	cps
Krypton	83-1	323	310	303	312	3.26	cps
Lead	206-1	3841	3617	3484	3647	4.94	cps

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired :	2025-04-14 16:44:20	DataFile Name :	029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	3407	3130	3107	3215	5.19	cps
Lead	208-1	15450	14557	13580	14529	6.44	cps
Lithium	6-1	2502318	2583511	2610857	2565562	2.20	cps
Magnesium	24-2	2037	2104	1880	2007	5.72	cps
Manganese	55-2	1443	1353	1377	1391	3.36	cps
Molybdenum	94-1	2994	2704	2470	2723	9.63	cps
Molybdenum	95-1	2727	2280	2080	2362	14.02	cps
Molybdenum	96-1	3034	2644	2297	2658	13.87	cps
Molybdenum	97-1	1640	1213	1370	1408	15.33	cps
Molybdenum	98-1	4184	3417	3220	3607	14.11	cps
Neodymium	150-1	10	3	10	8	49.52	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	710	820	757	762	7.24	cps
Phosphorus	31-2	123	160	150	144	13.12	cps
Potassium	39-2	25994	25456	25399	25616	1.28	cps
Rhodium	103-1	6955464	7065960	7163873	7061766	1.48	cps
Rhodium	103-2	3081544	3105383	3089560	3092162	0.39	cps
Scandium	45-1	4837161	5038096	4919040	4931432	2.05	cps
Scandium	45-2	105550	106924	106605	106360	0.68	cps
Selenium	82-1	20	-43	63	13	402.39	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	40	23	57	40	41.68	cps
Silicon	28-1	541999	531147	531701	534949	1.14	cps
Silver	107-1	2024	1723	1640	1796	11.23	cps
Silver	109-1	1813	1477	1503	1598	11.71	cps
Sodium	23-2	65459	65469	64753	65227	0.63	cps
Strontium	86-1	713	643	633	663	6.57	cps
Strontium	88-1	1567	1467	1267	1433	10.66	cps
Sulfur	34-1	635228	638182	639088	637499	0.32	cps
Terbium	159-1	8794283	8615297	8769224	8726268	1.11	cps
Terbium	159-2	3386203	3445475	3422025	3417901	0.87	cps
Thallium	203-1	1687	1663	1703	1685	1.19	cps
Thallium	205-1	4337	4037	3601	3992	9.28	cps
Tin	118-1	3881	3861	3797	3846	1.13	cps
Titanium	47-1	993	883	760	879	13.28	cps
Uranium	238-1	957	843	633	811	20.23	cps

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired :	2025-04-14 16:44:20	DataFile Name :	029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	30	67	57	51	37.09	cps
Ytterbium	172-1	73	60	43	59	25.53	cps
Ytterbium	172-2	17	27	13	19	36.75	cps
Ytterbium	176-1	1050	1070	1037	1052	1.59	cps
Ytterbium	176-2	237	223	300	253	16.17	cps
Yttrium	89-1	13539974	13335339	13719328	13531547	1.42	cps
Yttrium	89-2	1071625	1068306	1080037	1073323	0.56	cps
Zinc	66-2	1937	1947	1933	1939	0.36	cps
Zirconium	90-1	3831	3377	3294	3500	8.25	cps
Zirconium	91-1	827	767	740	778	5.71	cps

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2025-04-14 16:47:44	DataFile Name :	030LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2587	2614	2420	2540	4.13	cps
Antimony	121-1	57078	58059	58444	57860	1.22	cps
Arsenic	75-2	793	700	690	728	7.83	cps
Barium	135-1	68455	67999	69336	68597	0.99	cps
Barium	137-1	119522	120881	120212	120205	0.57	cps
Beryllium	9-1	7328	7353	7371	7351	0.29	cps
Bismuth	209-1	4882615	4941503	5007974	4944031	1.27	cps
Bismuth	209-2	2502913	2509067	2458778	2490252	1.10	cps
Bromine	81-1	32100	32368	32003	32157	0.59	cps
Cadmium	108-1	527	670	580	592	12.23	cps
Cadmium	106-1	5514	5491	5231	5412	2.91	cps
Cadmium	111-1	10837	11217	10965	11006	1.76	cps
Calcium	43-1	48699	50682	50559	49980	2.22	cps
Calcium	44-1	842028	849628	830302	840652	1.16	cps
Carbon	12-1	4514451	4485303	4514723	4504826	0.38	cps
Carbon	12-2	30067	29366	29657	29697	1.19	cps
Chlorine	35-1	1788185	1724258	1667776	1726740	3.49	cps
Chlorine	35-2	6715	6215	6585	6505	3.99	cps
Chromium	52-2	15245	15645	15105	15332	1.83	cps
Cobalt	59-2	13894	13470	13330	13564	2.16	cps
Copper	63-2	23099	22925	22291	22772	1.87	cps
Dysprosium	156-1	27	27	23	26	7.55	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	70	73	63	69	7.39	cps
Erbium	164-2	13	43	27	28	54.11	cps
Gadolinium	160-1	83	93	97	91	7.62	cps
Gadolinium	160-2	27	13	13	18	43.33	cps
Holmium	165-1	8134468	8406763	8221376	8254202	1.69	cps
Holmium	165-2	3523108	3435202	3402544	3453618	1.81	cps
Indium	115-1	7481986	7313848	7436028	7410621	1.17	cps
Indium	115-2	839591	842070	835725	839129	0.38	cps
Iron	54-2	15969	15792	15535	15765	1.38	cps
Iron	56-2	281408	281152	273083	278548	1.70	cps
Iron	57-2	7339	6945	6708	6997	4.55	cps
Krypton	83-1	363	327	327	339	6.25	cps
Lead	206-1	21528	21885	22236	21883	1.62	cps

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2025-04-14 16:47:44	DataFile Name :	030LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	18864	18670	18637	18724	0.65	cps
Lead	208-1	85520	85965	86533	86006	0.59	cps
Lithium	6-1	2562394	2529330	2491279	2527668	1.41	cps
Magnesium	24-2	203470	204833	198260	202187	1.72	cps
Manganese	55-2	27119	27673	27383	27392	1.01	cps
Molybdenum	94-1	62644	62198	63203	62681	0.80	cps
Molybdenum	95-1	74277	75074	74186	74513	0.66	cps
Molybdenum	96-1	82953	84377	84327	83886	0.96	cps
Molybdenum	97-1	47608	46193	45571	46458	2.25	cps
Molybdenum	98-1	118340	121442	119990	119924	1.29	cps
Neodymium	150-1	17	13	23	18	28.64	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	4667	4261	4321	4416	4.97	cps
Phosphorus	31-2	320	327	330	326	1.56	cps
Potassium	39-2	157869	157847	155946	157221	0.70	cps
Rhodium	103-1	6985790	6993732	7057236	7012253	0.56	cps
Rhodium	103-2	3131147	3048726	3032134	3070669	1.73	cps
Scandium	45-1	4943166	4955909	4911798	4936958	0.46	cps
Scandium	45-2	105164	105537	103506	104736	1.03	cps
Selenium	82-1	2314	2304	2430	2349	3.00	cps
Selenium	77-2	77	67	40	61	31.02	cps
Selenium	78-2	223	183	210	206	9.91	cps
Silicon	28-1	644421	653087	644497	647335	0.77	cps
Silver	107-1	37267	36893	37832	37330	1.27	cps
Silver	109-1	34730	34654	35529	34971	1.39	cps
Sodium	23-2	459253	467721	458002	461659	1.15	cps
Strontium	86-1	10247	10607	10297	10384	1.88	cps
Strontium	88-1	86560	88585	87468	87538	1.16	cps
Sulfur	34-1	658266	656364	651477	655369	0.53	cps
Terbium	159-1	8687446	8574880	8650075	8637467	0.66	cps
Terbium	159-2	3375199	3403521	3332826	3370516	1.06	cps
Thallium	203-1	25318	25422	25538	25426	0.43	cps
Thallium	205-1	59938	60380	60621	60313	0.57	cps
Tin	118-1	123192	124992	121772	123319	1.31	cps
Titanium	47-1	21934	22157	22304	22132	0.84	cps
Uranium	238-1	71751	72214	72465	72144	0.50	cps

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2025-04-14 16:47:44	DataFile Name :	030LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	26131	27246	25887	26421	2.74	cps
Ytterbium	172-1	50	30	20	33	45.83	cps
Ytterbium	172-2	13	20	30	21	39.75	cps
Ytterbium	176-1	1080	1207	1053	1113	7.36	cps
Ytterbium	176-2	213	323	247	261	21.60	cps
Yttrium	89-1	13235440	13300538	13227809	13254595	0.30	cps
Yttrium	89-2	1066382	1066101	1062361	1064948	0.21	cps
Zinc	66-2	7459	7462	7452	7458	0.07	cps
Zirconium	90-1	53442	54730	53268	53813	1.48	cps
Zirconium	91-1	11662	12239	12179	12026	2.64	cps

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	Q1730-06DL3X25	Instrumnet Name :	P8
Client Sample ID :	OU4-VSL-17-040325DL3	Dilution Factor :	25
Date & Time Acquired :	2025-04-14 16:51:59	DataFile Name :	031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	181784	181644	177776	180401	1.26	cps
Antimony	121-1	460	513	400	458	12.39	cps
Arsenic	75-2	110	117	153	127	18.42	cps
Barium	135-1	32168	32265	31981	32138	0.45	cps
Barium	137-1	55122	55547	55004	55224	0.52	cps
Beryllium	9-1	309	297	340	315	6.98	cps
Bismuth	209-1	5042861	4999375	4913984	4985407	1.32	cps
Bismuth	209-2	2525995	2489647	2463726	2493122	1.25	cps
Bromine	81-1	31125	31432	31201	31253	0.51	cps
Cadmium	108-1	23	33	33	30	19.25	cps
Cadmium	106-1	4891	4958	4951	4933	0.74	cps
Cadmium	111-1	3577	3654	3626	3619	1.07	cps
Calcium	43-1	656961	666153	655883	659666	0.86	cps
Calcium	44-1	10862168	10837401	11006438	10902002	0.84	cps
Carbon	12-1	4587761	4604512	4504820	4565698	1.17	cps
Carbon	12-2	30198	30432	30161	30263	0.49	cps
Chlorine	35-1	1034201	1011901	985302	1010468	2.42	cps
Chlorine	35-2	4064	4134	4127	4108	0.94	cps
Chromium	52-2	3834	3947	3861	3881	1.53	cps
Cobalt	59-2	62312	63859	62369	62847	1.40	cps
Copper	63-2	50349	49543	51011	50301	1.46	cps
Dysprosium	156-1	31437	31320	31180	31312	0.41	cps
Dysprosium	156-2	12219	12322	12189	12243	0.57	cps
Erbium	164-1	34869	36557	35681	35702	2.36	cps
Erbium	164-2	14164	13954	13834	13984	1.20	cps
Gadolinium	160-1	29245	30308	30846	30133	2.70	cps
Gadolinium	160-2	14331	14565	14211	14369	1.25	cps
Holmium	165-1	8369425	8660326	8297173	8442308	2.28	cps
Holmium	165-2	3537719	3479903	3446248	3487957	1.33	cps
Indium	115-1	7505476	7493207	7583233	7527305	0.65	cps
Indium	115-2	838994	834842	838043	837293	0.26	cps
Iron	54-2	3729798	3790827	3639198	3719941	2.05	cps
Iron	56-2	68543132	69801402	66816164	68386900	2.19	cps
Iron	57-2	1734047	1755618	1764401	1751355	0.89	cps
Krypton	83-1	433	353	287	358	20.53	cps
Lead	206-1	2654	2760	2524	2646	4.48	cps

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	Q1730-06DL3X25	Instrumnet Name :	P8
Client Sample ID :	OU4-VSL-17-040325DL3	Dilution Factor :	25
Date & Time Acquired :	2025-04-14 16:51:59	DataFile Name :	031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	2117	2387	2407	2304	7.03	cps
Lead	208-1	10252	10582	10462	10432	1.60	cps
Lithium	6-1	2546368	2604733	2640374	2597158	1.83	cps
Magnesium	24-2	1257159	1278090	1253281	1262843	1.06	cps
Manganese	55-2	561113	566870	561180	563054	0.59	cps
Molybdenum	94-1	1090	1127	1103	1107	1.68	cps
Molybdenum	95-1	540	510	580	543	6.46	cps
Molybdenum	96-1	1693	1560	1627	1627	4.10	cps
Molybdenum	97-1	350	327	307	328	6.62	cps
Molybdenum	98-1	750	747	723	740	1.96	cps
Neodymium	150-1	32115	32382	32122	32206	0.47	cps
Neodymium	150-2	9470	9367	9023	9287	2.52	cps
Nickel	60-2	14154	13944	13543	13880	2.23	cps
Phosphorus	31-2	210	173	250	211	18.16	cps
Potassium	39-2	54111	54088	53084	53761	1.09	cps
Rhodium	103-1	6886556	6975589	7028942	6963696	1.03	cps
Rhodium	103-2	3092903	3076766	3034811	3068160	0.98	cps
Scandium	45-1	4932415	5009816	5122305	5021512	1.90	cps
Scandium	45-2	106202	106158	106427	106262	0.14	cps
Selenium	82-1	57	90	110	86	31.50	cps
Selenium	77-2	37	53	40	43	20.34	cps
Selenium	78-2	60	53	60	58	6.67	cps
Silicon	28-1	39286035	39152679	38516009	38984908	1.06	cps
Silver	107-1	527	437	487	483	9.33	cps
Silver	109-1	433	387	437	419	6.67	cps
Sodium	23-2	1437506	1408115	1423520	1423047	1.03	cps
Strontium	86-1	181384	182938	182955	182425	0.49	cps
Strontium	88-1	1688470	1664303	1698485	1683753	1.04	cps
Sulfur	34-1	2425325	2398072	2350962	2391453	1.57	cps
Terbium	159-1	8813467	8584581	8826522	8741523	1.56	cps
Terbium	159-2	3411076	3434544	3375710	3407110	0.87	cps
Thallium	203-1	903	823	880	869	4.73	cps
Thallium	205-1	1954	2064	2087	2035	3.50	cps
Tin	118-1	4708	4628	4758	4698	1.40	cps
Titanium	47-1	1220	1213	1210	1215	0.42	cps
Uranium	238-1	16955	17432	17175	17187	1.39	cps

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	Q1730-06DL3X25	Instrumnet Name :	P8
Client Sample ID :	OU4-VSL-17-040325DL3	Dilution Factor :	25
Date & Time Acquired :	2025-04-14 16:51:59	DataFile Name :	031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	48137	48753	48284	48391	0.66	cps
Ytterbium	172-1	12466	12603	12506	12525	0.56	cps
Ytterbium	172-2	5788	5968	5745	5834	2.03	cps
Ytterbium	176-1	8529	8429	8313	8424	1.29	cps
Ytterbium	176-2	4051	3971	3974	3998	1.13	cps
Yttrium	89-1	14058876	14316815	14258445	14211379	0.95	cps
Yttrium	89-2	1121763	1128358	1128225	1126115	0.33	cps
Zinc	66-2	39756	40033	39301	39697	0.93	cps
Zirconium	90-1	1983	2007	2094	2028	2.86	cps
Zirconium	91-1	440	430	427	432	1.61	cps

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	Q1730-08DL2X10	Instrumnet Name :	P8
Client Sample ID :	OU4-PCS-TC-21-040325	Dilution Factor :	10
Date & Time Acquired :	2025-04-14 16:55:16	DataFile Name :	032AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	182363	184631	178596	181863	1.68	cps
Antimony	121-1	38949	39507	39601	39352	0.90	cps
Arsenic	75-2	323	333	313	323	3.09	cps
Barium	135-1	85517	86387	85733	85879	0.53	cps
Barium	137-1	148400	148519	148047	148322	0.17	cps
Beryllium	9-1	1306	1175	1286	1256	5.63	cps
Bismuth	209-1	4952272	4952565	5059083	4987974	1.23	cps
Bismuth	209-2	2441078	2380584	2374387	2398683	1.54	cps
Bromine	81-1	31148	30914	32254	31439	2.28	cps
Cadmium	108-1	93	97	137	109	22.15	cps
Cadmium	106-1	5068	5138	4904	5037	2.38	cps
Cadmium	111-1	4615	4632	4527	4592	1.23	cps
Calcium	43-1	3116002	3205623	3213417	3178347	1.70	cps
Calcium	44-1	51335461	52334498	52380284	52016748	1.14	cps
Carbon	12-1	4651161	4626853	4600192	4626069	0.55	cps
Carbon	12-2	31494	30542	30923	30986	1.55	cps
Chlorine	35-1	799410	777553	769060	782007	2.00	cps
Chlorine	35-2	3124	3277	3094	3165	3.11	cps
Chromium	52-2	3370	3400	3350	3374	0.75	cps
Cobalt	59-2	151480	150887	150206	150858	0.42	cps
Copper	63-2	85003	84922	86210	85378	0.84	cps
Dysprosium	156-1	45116	45464	45133	45237	0.43	cps
Dysprosium	156-2	17905	17779	18139	17941	1.02	cps
Erbium	164-1	55820	56493	56007	56107	0.62	cps
Erbium	164-2	22502	21551	21725	21926	2.31	cps
Gadolinium	160-1	45461	45989	46123	45857	0.76	cps
Gadolinium	160-2	21397	21471	21451	21440	0.18	cps
Holmium	165-1	8171769	8458170	8237832	8289257	1.81	cps
Holmium	165-2	3450847	3350473	3447966	3416429	1.67	cps
Indium	115-1	7317424	7490189	7516120	7441244	1.45	cps
Indium	115-2	818947	817442	817263	817884	0.11	cps
Iron	54-2	7655582	7820888	7807402	7761291	1.18	cps
Iron	56-2	143897761	144141655	142568395	143535937	0.59	cps
Iron	57-2	3603479	3651918	3619121	3624839	0.68	cps
Krypton	83-1	437	483	383	434	11.52	cps
Lead	206-1	9597	9927	9927	9817	1.94	cps

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	Q1730-08DL2X10	Instrumnet Name :	P8
Client Sample ID :	OU4-PCS-TC-21-040325	Dilution Factor :	10
Date & Time Acquired :	2025-04-14 16:55:16	DataFile Name :	032AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	8470	8973	8169	8537	4.76	cps
Lead	208-1	38690	39844	38479	39004	1.88	cps
Lithium	6-1	2571450	2546931	2554193	2557525	0.49	cps
Magnesium	24-2	2400846	2401802	2404669	2402439	0.08	cps
Manganese	55-2	2091408	2186201	2150969	2142859	2.24	cps
Molybdenum	94-1	1797	1947	2330	2025	13.59	cps
Molybdenum	95-1	1103	1000	1093	1066	5.35	cps
Molybdenum	96-1	3014	3164	3064	3080	2.48	cps
Molybdenum	97-1	600	677	607	628	6.77	cps
Molybdenum	98-1	1347	1300	1363	1337	2.46	cps
Neodymium	150-1	43273	44042	42771	43362	1.48	cps
Neodymium	150-2	11899	12386	12032	12106	2.08	cps
Nickel	60-2	20839	21112	20638	20863	1.14	cps
Phosphorus	31-2	257	347	217	273	24.36	cps
Potassium	39-2	111527	111507	109239	110758	1.19	cps
Rhodium	103-1	6924286	6771680	6922322	6872763	1.27	cps
Rhodium	103-2	3039887	3041427	2971346	3017554	1.33	cps
Scandium	45-1	4963839	5011486	4993115	4989480	0.48	cps
Scandium	45-2	104198	104903	103748	104283	0.56	cps
Selenium	82-1	177	153	203	178	14.07	cps
Selenium	77-2	50	87	70	69	26.65	cps
Selenium	78-2	107	83	117	102	16.74	cps
Silicon	28-1	90079802	88448119	88856572	89128164	0.95	cps
Silver	107-1	803	873	830	836	4.23	cps
Silver	109-1	807	753	793	784	3.54	cps
Sodium	23-2	5376811	5327215	5279066	5327698	0.92	cps
Strontium	86-1	572284	557578	566377	565413	1.31	cps
Strontium	88-1	5217673	5223614	5194978	5212089	0.29	cps
Sulfur	34-1	5427632	5460562	5381690	5423295	0.73	cps
Terbium	159-1	8748625	8903857	8938744	8863742	1.14	cps
Terbium	159-2	3297515	3324231	3353757	3325168	0.85	cps
Thallium	203-1	2110	2047	2080	2079	1.52	cps
Thallium	205-1	4961	4814	4928	4901	1.57	cps
Tin	118-1	7636	7519	7556	7570	0.79	cps
Titanium	47-1	2104	2097	2304	2168	5.42	cps
Uranium	238-1	33006	33986	33608	33533	1.47	cps

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	Q1730-08DL2X10	Instrumnet Name :	P8
Client Sample ID :	OU4-PCS-TC-21-040325	Dilution Factor :	10
Date & Time Acquired :	2025-04-14 16:55:16	DataFile Name :	032AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	27767	27102	27670	27513	1.31	cps
Ytterbium	172-1	20726	21601	21170	21166	2.07	cps
Ytterbium	172-2	10024	9790	9600	9805	2.16	cps
Ytterbium	176-1	13674	13557	13594	13608	0.44	cps
Ytterbium	176-2	6425	6405	6605	6478	1.70	cps
Yttrium	89-1	15002376	14718237	14576941	14765851	1.47	cps
Yttrium	89-2	1142638	1134957	1141635	1139743	0.37	cps
Zinc	66-2	94355	95392	94996	94914	0.55	cps
Zirconium	90-1	3371	3684	3834	3629	6.51	cps
Zirconium	91-1	633	840	860	778	16.14	cps

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	Q1730-10DL2X10	Instrumnet Name :	P8
Client Sample ID :	OU4-PCS-TC-22-040325	Dilution Factor :	10
Date & Time Acquired :	2025-04-14 16:58:30	DataFile Name :	033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	242334	239276	238951	240187	0.78	cps
Antimony	121-1	890	963	927	927	3.96	cps
Arsenic	75-2	200	237	200	212	9.98	cps
Barium	135-1	81453	82107	83110	82223	1.02	cps
Barium	137-1	140393	141211	142831	141478	0.88	cps
Beryllium	9-1	697	687	632	672	5.20	cps
Bismuth	209-1	4922936	5000000	5016711	4979882	1.00	cps
Bismuth	209-2	2446242	2404632	2430178	2427017	0.86	cps
Bromine	81-1	31596	30640	31211	31149	1.54	cps
Cadmium	108-1	43	50	63	52	19.50	cps
Cadmium	106-1	4721	4838	4804	4788	1.26	cps
Cadmium	111-1	3658	3735	3689	3694	1.05	cps
Calcium	43-1	2903697	2993486	2949206	2948796	1.52	cps
Calcium	44-1	48169073	48846969	48276828	48430957	0.75	cps
Carbon	12-1	4580543	4663063	4605379	4616328	0.92	cps
Carbon	12-2	31360	31370	31440	31390	0.14	cps
Chlorine	35-1	653203	645852	636979	645345	1.26	cps
Chlorine	35-2	2767	2734	2777	2759	0.82	cps
Chromium	52-2	3164	3220	3037	3140	2.99	cps
Cobalt	59-2	144447	145000	143068	144172	0.69	cps
Copper	63-2	93381	93015	91066	92487	1.35	cps
Dysprosium	156-1	47705	48695	48293	48231	1.03	cps
Dysprosium	156-2	19100	18857	18763	18907	0.92	cps
Erbium	164-1	58361	59023	59422	58935	0.91	cps
Erbium	164-2	23294	22546	22406	22748	2.10	cps
Gadolinium	160-1	47069	48311	48073	47818	1.38	cps
Gadolinium	160-2	22893	22783	22659	22778	0.51	cps
Holmium	165-1	8559422	8291167	8333629	8394740	1.72	cps
Holmium	165-2	3431748	3395802	3413720	3413756	0.53	cps
Indium	115-1	7506185	7445522	7532593	7494767	0.60	cps
Indium	115-2	827829	822014	818531	822791	0.57	cps
Iron	54-2	7982454	8094417	7834406	7970426	1.64	cps
Iron	56-2	148613351	149145088	146925408	148227949	0.78	cps
Iron	57-2	3751691	3741521	3702078	3731763	0.70	cps
Krypton	83-1	467	407	480	451	8.66	cps
Lead	206-1	3714	3264	3444	3474	6.52	cps

LB Number : LB135426 Operator : Jaswal
 Lab Sample ID : Q1730-10DL2X10 Instrumnet Name : P8
 Client Sample ID : OU4-PCS-TC-22-040325 Dilution Factor : 10
 Date & Time Acquired : 2025-04-14 16:58:30 DataFile Name : 033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	2770	2927	2970	2889	3.64	cps
Lead	208-1	13480	13166	13293	13313	1.18	cps
Lithium	6-1	2459217	2487315	2502683	2483072	0.89	cps
Magnesium	24-2	2514564	2494721	2458909	2489398	1.13	cps
Manganese	55-2	2033695	2033758	1980216	2015890	1.53	cps
Molybdenum	94-1	1037	1000	1070	1036	3.38	cps
Molybdenum	95-1	610	607	720	646	9.99	cps
Molybdenum	96-1	2677	2660	2544	2627	2.77	cps
Molybdenum	97-1	347	333	383	354	7.30	cps
Molybdenum	98-1	753	717	703	724	3.57	cps
Neodymium	150-1	47015	46601	46745	46787	0.45	cps
Neodymium	150-2	13096	13390	13006	13164	1.52	cps
Nickel	60-2	20225	20458	20381	20355	0.58	cps
Phosphorus	31-2	140	140	143	141	1.37	cps
Potassium	39-2	94024	93661	93409	93698	0.33	cps
Rhodium	103-1	6925624	6779483	6861043	6855384	1.07	cps
Rhodium	103-2	2986994	3067122	3004374	3019496	1.40	cps
Scandium	45-1	5103049	4988470	5007852	5033123	1.22	cps
Scandium	45-2	107310	105027	107132	106490	1.19	cps
Selenium	82-1	97	120	30	82	56.80	cps
Selenium	77-2	53	117	50	73	51.23	cps
Selenium	78-2	100	113	110	108	6.44	cps
Silicon	28-1	90620119	91145135	90287349	90684201	0.48	cps
Silver	107-1	277	287	287	283	2.04	cps
Silver	109-1	220	207	267	231	13.63	cps
Sodium	23-2	4413688	4363150	4378890	4385243	0.59	cps
Strontium	86-1	539734	536895	541586	539405	0.44	cps
Strontium	88-1	4826982	5004856	4972248	4934696	1.92	cps
Sulfur	34-1	5380345	5300863	5207779	5296329	1.63	cps
Terbium	159-1	8686685	8725252	8698344	8703427	0.23	cps
Terbium	159-2	3393941	3281858	3345600	3340466	1.68	cps
Thallium	203-1	620	687	587	631	8.07	cps
Thallium	205-1	1503	1377	1373	1418	5.23	cps
Tin	118-1	4534	4724	4821	4693	3.11	cps
Titanium	47-1	2047	2067	2020	2045	1.15	cps
Uranium	238-1	31950	32084	32582	32205	1.03	cps

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	Q1730-10DL2X10	Instrumnet Name :	P8
Client Sample ID :	OU4-PCS-TC-22-040325	Dilution Factor :	10
Date & Time Acquired :	2025-04-14 16:58:30	DataFile Name :	033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	41604	41076	41366	41349	0.64	cps
Ytterbium	172-1	21758	21928	21584	21757	0.79	cps
Ytterbium	172-2	10264	10224	10127	10205	0.69	cps
Ytterbium	176-1	14114	14128	13981	14074	0.58	cps
Ytterbium	176-2	6602	6678	6472	6584	1.59	cps
Yttrium	89-1	14746247	14682087	14726954	14718429	0.22	cps
Yttrium	89-2	1142004	1141167	1136555	1139909	0.26	cps
Zinc	66-2	79900	79723	79997	79873	0.17	cps
Zirconium	90-1	1800	1843	1880	1841	2.18	cps
Zirconium	91-1	367	387	390	381	3.31	cps

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	Q1730-18DL2X10	Instrumnet Name :	P8
Client Sample ID :	OU4-PCS-TC-26-040325	Dilution Factor :	10
Date & Time Acquired :	2025-04-14 17:01:46	DataFile Name :	034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	195403	198651	194585	196213	1.10	cps
Antimony	121-1	320	380	307	336	11.64	cps
Arsenic	75-2	187	197	153	179	12.68	cps
Barium	135-1	77557	78422	76856	77612	1.01	cps
Barium	137-1	133249	136090	135073	134804	1.07	cps
Beryllium	9-1	464	435	434	444	3.82	cps
Bismuth	209-1	4778677	4851324	4875853	4835285	1.05	cps
Bismuth	209-2	2353415	2371477	2394333	2373075	0.86	cps
Bromine	81-1	30771	30834	30644	30749	0.32	cps
Cadmium	108-1	37	27	13	26	45.82	cps
Cadmium	106-1	4734	4911	4531	4725	4.03	cps
Cadmium	111-1	3578	3722	3446	3582	3.86	cps
Calcium	43-1	3318585	3286513	3315205	3306768	0.53	cps
Calcium	44-1	53728933	53425473	53228594	53461000	0.47	cps
Carbon	12-1	4480736	4581435	4569566	4543912	1.21	cps
Carbon	12-2	29743	30158	30919	30273	1.97	cps
Chlorine	35-1	569020	565964	559621	564868	0.85	cps
Chlorine	35-2	2377	2477	2387	2414	2.28	cps
Chromium	52-2	3494	3410	3544	3483	1.93	cps
Cobalt	59-2	123110	124838	121194	123047	1.48	cps
Copper	63-2	57994	56793	56492	57093	1.39	cps
Dysprosium	156-1	44825	44404	44427	44552	0.53	cps
Dysprosium	156-2	17675	17705	17955	17779	0.87	cps
Erbium	164-1	53490	51479	51917	52296	2.02	cps
Erbium	164-2	20049	20609	19898	20185	1.86	cps
Gadolinium	160-1	43561	43691	43915	43722	0.41	cps
Gadolinium	160-2	20599	21140	20372	20704	1.91	cps
Holmium	165-1	8376735	8535308	8302811	8404951	1.41	cps
Holmium	165-2	3431822	3434943	3389392	3418719	0.74	cps
Indium	115-1	7348391	7435718	7454366	7412825	0.76	cps
Indium	115-2	824481	821274	816101	820619	0.52	cps
Iron	54-2	7794185	7640194	7682840	7705740	1.03	cps
Iron	56-2	140101955	142285731	141903211	141430299	0.82	cps
Iron	57-2	3591957	3615693	3551114	3586255	0.91	cps
Krypton	83-1	407	417	440	421	4.06	cps
Lead	206-1	3297	3257	3217	3257	1.23	cps

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	Q1730-18DL2X10	Instrumnet Name :	P8
Client Sample ID :	OU4-PCS-TC-26-040325	Dilution Factor :	10
Date & Time Acquired :	2025-04-14 17:01:46	DataFile Name :	034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	2804	2720	2607	2710	3.64	cps
Lead	208-1	12366	12546	12396	12436	0.78	cps
Lithium	6-1	2481587	2466031	2449045	2465554	0.66	cps
Magnesium	24-2	2970968	2999018	2960555	2976847	0.67	cps
Manganese	55-2	2105548	2129752	2118578	2117959	0.57	cps
Molybdenum	94-1	1200	1270	1377	1282	6.94	cps
Molybdenum	95-1	773	817	740	777	4.95	cps
Molybdenum	96-1	2777	2524	2744	2681	5.13	cps
Molybdenum	97-1	400	417	377	398	5.05	cps
Molybdenum	98-1	913	953	950	939	2.36	cps
Neodymium	150-1	44915	44651	44430	44665	0.54	cps
Neodymium	150-2	12729	12506	12739	12658	1.04	cps
Nickel	60-2	31846	31802	31608	31752	0.40	cps
Phosphorus	31-2	147	167	160	158	6.45	cps
Potassium	39-2	96868	97845	97775	97496	0.56	cps
Rhodium	103-1	6746950	6932089	6756422	6811820	1.53	cps
Rhodium	103-2	3032484	3045366	2953773	3010541	1.65	cps
Scandium	45-1	5010771	4998546	5006659	5005325	0.12	cps
Scandium	45-2	105840	106411	106514	106255	0.34	cps
Selenium	82-1	127	177	53	119	52.17	cps
Selenium	77-2	103	93	57	84	29.09	cps
Selenium	78-2	70	67	113	83	31.24	cps
Silicon	28-1	81994689	83473414	82963539	82810547	0.91	cps
Silver	107-1	283	247	240	257	9.09	cps
Silver	109-1	153	187	117	152	23.00	cps
Sodium	23-2	5896883	5976837	5893697	5922472	0.80	cps
Strontium	86-1	522561	536752	535580	531631	1.48	cps
Strontium	88-1	4894284	4854183	4772798	4840422	1.28	cps
Sulfur	34-1	5607241	5698401	5714856	5673499	1.02	cps
Terbium	159-1	8704980	8671961	8707682	8694874	0.23	cps
Terbium	159-2	3409142	3383211	3346458	3379603	0.93	cps
Thallium	203-1	437	577	500	504	13.90	cps
Thallium	205-1	1207	1243	1270	1240	2.56	cps
Tin	118-1	4758	4738	4851	4782	1.27	cps
Titanium	47-1	5464	5221	5458	5381	2.58	cps
Uranium	238-1	26949	27633	27968	27517	1.89	cps

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	Q1730-18DL2X10	Instrumnet Name :	P8
Client Sample ID :	OU4-PCS-TC-26-040325	Dilution Factor :	10
Date & Time Acquired :	2025-04-14 17:01:46	DataFile Name :	034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	82925	83650	82157	82911	0.90	cps
Ytterbium	172-1	17675	17956	18039	17890	1.07	cps
Ytterbium	172-2	8606	8860	8509	8658	2.09	cps
Ytterbium	176-1	12119	11548	11925	11864	2.45	cps
Ytterbium	176-2	5291	5565	5528	5461	2.72	cps
Yttrium	89-1	14686001	14457141	14422323	14521822	0.99	cps
Yttrium	89-2	1140533	1134049	1128944	1134509	0.51	cps
Zinc	66-2	76967	77417	76093	76826	0.88	cps
Zirconium	90-1	2030	2214	2154	2132	4.38	cps
Zirconium	91-1	510	430	477	472	8.51	cps

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	Q1730-20DL2X10	Instrumnet Name :	P8
Client Sample ID :	OU4-CF-15-040325DL2	Dilution Factor :	10
Date & Time Acquired :	2025-04-14 17:04:59	DataFile Name :	035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	70235	71474	69974	70561	1.14	cps
Antimony	121-1	307	260	390	319	20.65	cps
Arsenic	75-2	123	127	140	130	6.78	cps
Barium	135-1	76883	78848	78640	78123	1.38	cps
Barium	137-1	133246	134471	135609	134442	0.88	cps
Beryllium	9-1	407	454	392	418	7.64	cps
Bismuth	209-1	4939138	4931340	4864673	4911717	0.83	cps
Bismuth	209-2	2392844	2411176	2450421	2418147	1.22	cps
Bromine	81-1	31632	31746	29798	31059	3.52	cps
Cadmium	108-1	43	53	40	46	15.23	cps
Cadmium	106-1	4721	4641	4658	4673	0.90	cps
Cadmium	111-1	3684	3678	3612	3658	1.09	cps
Calcium	43-1	3538628	3548741	3559078	3548816	0.29	cps
Calcium	44-1	57769894	59110284	58739191	58539790	1.18	cps
Carbon	12-1	4403114	4497147	4485543	4461935	1.15	cps
Carbon	12-2	31280	30074	30051	30468	2.31	cps
Chlorine	35-1	511069	501119	496179	502789	1.51	cps
Chlorine	35-2	2217	2020	2084	2107	4.77	cps
Chromium	52-2	2557	2287	2274	2372	6.74	cps
Cobalt	59-2	240982	236384	238078	238481	0.98	cps
Copper	63-2	48041	47252	47422	47572	0.87	cps
Dysprosium	156-1	30859	31307	30876	31014	0.82	cps
Dysprosium	156-2	12396	12876	12282	12518	2.52	cps
Erbium	164-1	40211	40037	40645	40298	0.78	cps
Erbium	164-2	15880	15606	15976	15821	1.21	cps
Gadolinium	160-1	31437	31507	31664	31536	0.37	cps
Gadolinium	160-2	14531	14972	14691	14732	1.51	cps
Holmium	165-1	8444928	8344851	8470383	8420054	0.79	cps
Holmium	165-2	3389799	3489398	3489305	3456167	1.66	cps
Indium	115-1	7609487	7419436	7603832	7544252	1.43	cps
Indium	115-2	824070	830031	825916	826672	0.37	cps
Iron	54-2	5689616	5757142	5769947	5738902	0.75	cps
Iron	56-2	106034252	104652578	104422102	105036311	0.83	cps
Iron	57-2	2695492	2694752	2717893	2702713	0.49	cps
Krypton	83-1	423	430	397	417	4.23	cps
Lead	206-1	2187	2070	2257	2171	4.34	cps

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	Q1730-20DL2X10	Instrumnet Name :	P8
Client Sample ID :	OU4-CF-15-040325DL2	Dilution Factor :	10
Date & Time Acquired :	2025-04-14 17:04:59	DataFile Name :	035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	1837	1813	1780	1810	1.57	cps
Lead	208-1	8258	8004	8301	8188	1.96	cps
Lithium	6-1	2345117	2449994	2359286	2384799	2.39	cps
Magnesium	24-2	2342298	2310806	2288618	2313908	1.17	cps
Manganese	55-2	3405201	3364551	3337646	3369133	1.01	cps
Molybdenum	94-1	1047	1073	1167	1096	5.75	cps
Molybdenum	95-1	593	653	633	627	4.88	cps
Molybdenum	96-1	2007	2030	2067	2035	1.49	cps
Molybdenum	97-1	277	293	260	277	6.02	cps
Molybdenum	98-1	720	690	643	684	5.65	cps
Neodymium	150-1	27575	27775	27632	27661	0.37	cps
Neodymium	150-2	7736	7882	7936	7851	1.32	cps
Nickel	60-2	25603	25476	25834	25638	0.71	cps
Phosphorus	31-2	123	140	153	139	10.82	cps
Potassium	39-2	101315	100947	100963	101075	0.21	cps
Rhodium	103-1	6882159	6873556	7010886	6922200	1.11	cps
Rhodium	103-2	3081526	3011690	3048849	3047355	1.15	cps
Scandium	45-1	4950014	4990996	5147062	5029357	2.07	cps
Scandium	45-2	105759	107152	106595	106502	0.66	cps
Selenium	82-1	47	7	140	64	106.16	cps
Selenium	77-2	47	77	43	56	33.05	cps
Selenium	78-2	70	53	70	64	14.93	cps
Silicon	28-1	74991157	75418026	75510354	75306512	0.37	cps
Silver	107-1	210	257	217	228	11.08	cps
Silver	109-1	183	150	143	159	13.49	cps
Sodium	23-2	4313614	4278236	4260830	4284227	0.63	cps
Strontium	86-1	670506	674494	671398	672133	0.31	cps
Strontium	88-1	6087333	6227125	6139549	6151336	1.15	cps
Sulfur	34-1	5092315	5058288	5086389	5078997	0.36	cps
Terbium	159-1	8817329	8638452	8529694	8661825	1.68	cps
Terbium	159-2	3409525	3382189	3280982	3357565	2.02	cps
Thallium	203-1	467	490	463	473	3.07	cps
Thallium	205-1	1160	1177	1020	1119	7.69	cps
Tin	118-1	4804	5024	4701	4843	3.41	cps
Titanium	47-1	1733	1653	1830	1739	5.09	cps
Uranium	238-1	18484	19058	18594	18712	1.63	cps

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	Q1730-20DL2X10	Instrumnet Name :	P8
Client Sample ID :	OU4-CF-15-040325DL2	Dilution Factor :	10
Date & Time Acquired :	2025-04-14 17:04:59	DataFile Name :	035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	7405	7195	7269	7290	1.46	cps
Ytterbium	172-1	15606	15172	15619	15466	1.65	cps
Ytterbium	172-2	7222	7012	6919	7051	2.20	cps
Ytterbium	176-1	10057	10124	10034	10072	0.46	cps
Ytterbium	176-2	4758	4698	4791	4749	1.00	cps
Yttrium	89-1	14219630	14356979	14568619	14381743	1.22	cps
Yttrium	89-2	1119087	1127651	1122521	1123086	0.38	cps
Zinc	66-2	84761	84051	85235	84682	0.70	cps
Zirconium	90-1	1650	1663	1800	1705	4.87	cps
Zirconium	91-1	397	387	353	379	5.99	cps

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	Q1730-20DUPDL2X10	Instrumnet Name :	P8
Client Sample ID :	OU4-CF-15-040325DUPI	Dilution Factor :	10
Date & Time Acquired :	2025-04-14 17:08:13	DataFile Name :	036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	71505	70098	68290	69964	2.30	cps
Antimony	121-1	537	400	437	458	15.45	cps
Arsenic	75-2	177	157	163	166	6.15	cps
Barium	135-1	77356	79706	78445	78502	1.50	cps
Barium	137-1	133599	135244	138244	135696	1.74	cps
Beryllium	9-1	412	399	424	412	3.04	cps
Bismuth	209-1	4945979	4548148	3414862	4302996	18.46	cps
Bismuth	209-2	2340313	2367690	2330237	2346080	0.83	cps
Bromine	81-1	31876	32000	31586	31821	0.67	cps
Cadmium	108-1	50	53	43	49	10.42	cps
Cadmium	106-1	4424	4624	3317	4122	17.08	cps
Cadmium	111-1	3542	3646	2698	3296	15.77	cps
Calcium	43-1	3526867	3610481	3600424	3579257	1.28	cps
Calcium	44-1	57020811	58112207	58385472	57839497	1.25	cps
Carbon	12-1	4456916	4435896	4532043	4474952	1.13	cps
Carbon	12-2	29984	30612	30315	30303	1.04	cps
Chlorine	35-1	462530	454411	449663	455534	1.43	cps
Chlorine	35-2	1923	1910	1953	1929	1.15	cps
Chromium	52-2	2090	2144	2190	2141	2.34	cps
Cobalt	59-2	236954	237136	238721	237604	0.41	cps
Copper	63-2	46513	47285	46706	46835	0.86	cps
Dysprosium	156-1	31173	30983	31888	31348	1.52	cps
Dysprosium	156-2	12393	12553	12529	12491	0.69	cps
Erbium	164-1	39495	40799	40418	40237	1.67	cps
Erbium	164-2	15506	15673	15419	15532	0.83	cps
Gadolinium	160-1	30775	31915	31862	31517	2.04	cps
Gadolinium	160-2	14682	14615	14281	14526	1.48	cps
Holmium	165-1	8599772	8181503	5765662	7515646	20.36	cps
Holmium	165-2	3358545	3388026	3335382	3360651	0.79	cps
Indium	115-1	7429866	7058204	4973994	6487354	20.40	cps
Indium	115-2	798833	809745	793477	800685	1.04	cps
Iron	54-2	5712737	5663927	5647081	5674582	0.60	cps
Iron	56-2	102968448	104449322	104927655	104115142	0.98	cps
Iron	57-2	2660701	2708077	2646249	2671676	1.21	cps
Krypton	83-1	410	440	443	431	4.26	cps
Lead	206-1	2570	2517	2664	2584	2.87	cps

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	Q1730-20DUPDL2X10	Instrumnet Name :	P8
Client Sample ID :	OU4-CF-15-040325DUPI	Dilution Factor :	10
Date & Time Acquired :	2025-04-14 17:08:13	DataFile Name :	036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	2177	2264	2070	2170	4.46	cps
Lead	208-1	9955	10108	9888	9984	1.13	cps
Lithium	6-1	2268661	2228972	1557377	2018336	19.80	cps
Magnesium	24-2	2330802	2336257	2289714	2318925	1.10	cps
Manganese	55-2	3309192	3342765	3317866	3323274	0.52	cps
Molybdenum	94-1	903	1000	967	957	5.13	cps
Molybdenum	95-1	583	673	573	610	9.03	cps
Molybdenum	96-1	1973	1893	2004	1957	2.91	cps
Molybdenum	97-1	267	253	273	264	3.85	cps
Molybdenum	98-1	570	590	553	571	3.21	cps
Neodymium	150-1	27849	27632	28173	27885	0.98	cps
Neodymium	150-2	7839	7592	7906	7779	2.12	cps
Nickel	60-2	24585	25439	25366	25130	1.89	cps
Phosphorus	31-2	123	93	110	109	13.81	cps
Potassium	39-2	102075	101369	101044	101496	0.52	cps
Rhodium	103-1	6898322	6616642	4566156	6027040	21.12	cps
Rhodium	103-2	2896294	2992175	2918645	2935705	1.71	cps
Scandium	45-1	5039121	4867532	3307896	4404850	21.65	cps
Scandium	45-2	102573	104191	102718	103161	0.87	cps
Selenium	82-1	47	70	100	72	37.02	cps
Selenium	77-2	60	53	67	60	11.12	cps
Selenium	78-2	77	83	73	78	6.55	cps
Silicon	28-1	73942689	72662386	76162529	74255868	2.38	cps
Silver	107-1	230	197	183	203	11.82	cps
Silver	109-1	137	173	133	148	15.02	cps
Sodium	23-2	4276160	4280577	4226249	4260995	0.71	cps
Strontium	86-1	665844	668713	669843	668133	0.31	cps
Strontium	88-1	6035468	6153316	6068059	6085614	1.00	cps
Sulfur	34-1	5016069	5054482	5055806	5042119	0.45	cps
Terbium	159-1	8541244	8200064	5812725	7518011	19.77	cps
Terbium	159-2	3255069	3317881	3220324	3264425	1.51	cps
Thallium	203-1	433	483	403	440	9.18	cps
Thallium	205-1	950	920	1037	969	6.25	cps
Tin	118-1	4618	4891	4587	4699	3.56	cps
Titanium	47-1	1803	1580	1633	1672	6.98	cps
Uranium	238-1	17906	18317	19221	18481	3.64	cps

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	Q1730-20DUPDL2X10	Instrumnet Name :	P8
Client Sample ID :	OU4-CF-15-040325DUP	Dilution Factor :	10
Date & Time Acquired :	2025-04-14 17:08:13	DataFile Name :	036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	7135	7025	7499	7220	3.43	cps
Ytterbium	172-1	15052	15389	15506	15316	1.54	cps
Ytterbium	172-2	7302	6979	7342	7208	2.77	cps
Ytterbium	176-1	9927	10264	10081	10091	1.67	cps
Ytterbium	176-2	4437	4641	4818	4632	4.11	cps
Yttrium	89-1	14350416	13806991	9958668	12705358	18.84	cps
Yttrium	89-2	1078992	1111552	1082712	1091085	1.63	cps
Zinc	66-2	84527	84054	84182	84254	0.29	cps
Zirconium	90-1	1487	1740	1537	1588	8.45	cps
Zirconium	91-1	350	420	367	379	9.65	cps

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	Q1730-20LDL2X50	Instrumnet Name :	P8
Client Sample ID :	OU4-CF-15-040325LDL2	Dilution Factor :	50
Date & Time Acquired :	2025-04-14 17:11:26	DataFile Name :	037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14714	14948	14554	14739	1.34	cps
Antimony	121-1	4271	4281	4347	4300	0.97	cps
Arsenic	75-2	33	37	40	37	9.10	cps
Barium	135-1	16040	16323	16236	16200	0.90	cps
Barium	137-1	26747	27585	27979	27437	2.29	cps
Beryllium	9-1	130	164	146	147	11.51	cps
Bismuth	209-1	4778364	4969686	5044698	4930916	2.79	cps
Bismuth	209-2	2447466	2422444	2436313	2435408	0.51	cps
Bromine	81-1	32247	31626	31636	31836	1.12	cps
Cadmium	108-1	30	50	27	36	35.49	cps
Cadmium	106-1	4431	4597	4501	4510	1.86	cps
Cadmium	111-1	3177	3307	3229	3237	2.01	cps
Calcium	43-1	726589	732052	734202	730948	0.54	cps
Calcium	44-1	12089136	11943159	12115102	12049133	0.77	cps
Carbon	12-1	4363089	4349874	4270641	4327868	1.16	cps
Carbon	12-2	29039	28494	28581	28705	1.02	cps
Chlorine	35-1	423321	417414	420727	420488	0.70	cps
Chlorine	35-2	1723	1800	1630	1718	4.96	cps
Chromium	52-2	1900	1820	1787	1836	3.17	cps
Cobalt	59-2	50295	50011	49422	49909	0.89	cps
Copper	63-2	11855	11398	11481	11578	2.10	cps
Dysprosium	156-1	6438	6432	6175	6348	2.37	cps
Dysprosium	156-2	2594	2684	2527	2601	3.02	cps
Erbium	164-1	8012	8239	8416	8223	2.46	cps
Erbium	164-2	3334	3334	3230	3299	1.81	cps
Gadolinium	160-1	6125	6542	6452	6373	3.44	cps
Gadolinium	160-2	3160	3007	3044	3070	2.61	cps
Holmium	165-1	8166388	8472679	8268063	8302377	1.88	cps
Holmium	165-2	3469633	3446359	3416324	3444105	0.78	cps
Indium	115-1	7501080	7432235	7370515	7434610	0.88	cps
Indium	115-2	838153	842559	842005	840905	0.29	cps
Iron	54-2	1164164	1152278	1139663	1152035	1.06	cps
Iron	56-2	21987086	21813665	21132848	21644533	2.09	cps
Iron	57-2	533633	531260	521928	528941	1.17	cps
Krypton	83-1	293	310	333	312	6.44	cps
Lead	206-1	1267	1377	1310	1318	4.20	cps

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	Q1730-20LDL2X50	Instrumnet Name :	P8
Client Sample ID :	OU4-CF-15-040325LDL2	Dilution Factor :	50
Date & Time Acquired :	2025-04-14 17:11:26	DataFile Name :	037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	1153	1157	1110	1140	2.28	cps
Lead	208-1	5170	5170	4954	5098	2.45	cps
Lithium	6-1	2294275	2271165	2252541	2272660	0.92	cps
Magnesium	24-2	479482	474308	474113	475968	0.64	cps
Manganese	55-2	691561	691187	676114	686287	1.28	cps
Molybdenum	94-1	663	737	720	707	5.44	cps
Molybdenum	95-1	363	380	360	368	2.91	cps
Molybdenum	96-1	593	727	633	651	10.51	cps
Molybdenum	97-1	190	140	190	173	16.65	cps
Molybdenum	98-1	383	373	337	364	6.74	cps
Neodymium	150-1	5481	5885	5688	5685	3.55	cps
Neodymium	150-2	1557	1613	1513	1561	3.21	cps
Nickel	60-2	6051	5891	5915	5952	1.45	cps
Phosphorus	31-2	123	117	183	141	26.02	cps
Potassium	39-2	41386	41777	41259	41474	0.65	cps
Rhodium	103-1	6965857	7005098	6880856	6950603	0.91	cps
Rhodium	103-2	3097664	3105750	3100044	3101153	0.13	cps
Scandium	45-1	5058250	4965158	5022953	5015454	0.94	cps
Scandium	45-2	107374	107694	107035	107368	0.31	cps
Selenium	82-1	43	90	20	51	69.74	cps
Selenium	77-2	7	10	13	10	33.30	cps
Selenium	78-2	17	37	50	34	48.70	cps
Silicon	28-1	15622971	16061256	15789817	15824681	1.40	cps
Silver	107-1	190	217	140	182	21.36	cps
Silver	109-1	153	167	150	157	5.63	cps
Sodium	23-2	936734	927950	928257	930980	0.54	cps
Strontium	86-1	134684	138573	139532	137596	1.87	cps
Strontium	88-1	1201115	1215283	1204668	1207022	0.61	cps
Sulfur	34-1	1528851	1560902	1558431	1549395	1.15	cps
Terbium	159-1	8468007	8619177	8643565	8576916	1.11	cps
Terbium	159-2	3352060	3410529	3373119	3378569	0.88	cps
Thallium	203-1	243	320	357	307	18.86	cps
Thallium	205-1	920	843	823	862	5.92	cps
Tin	118-1	4174	4367	4384	4309	2.71	cps
Titanium	47-1	703	677	613	664	6.96	cps
Uranium	238-1	3874	3851	4091	3938	3.36	cps

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	Q1730-20LDL2X50	Instrumnet Name :	P8
Client Sample ID :	OU4-CF-15-040325LDL2	Dilution Factor :	50
Date & Time Acquired :	2025-04-14 17:11:26	DataFile Name :	037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1650	1483	1370	1501	9.38	cps
Ytterbium	172-1	3090	3237	3210	3179	2.46	cps
Ytterbium	172-2	1423	1493	1497	1471	2.82	cps
Ytterbium	176-1	2837	2674	3024	2845	6.16	cps
Ytterbium	176-2	1107	1223	1187	1172	5.09	cps
Yttrium	89-1	13389910	13979734	13735890	13701845	2.16	cps
Yttrium	89-2	1097411	1087468	1083034	1089304	0.68	cps
Zinc	66-2	18923	19080	18622	18875	1.23	cps
Zirconium	90-1	1450	1413	1187	1350	10.57	cps
Zirconium	91-1	260	280	283	274	4.60	cps

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired :	2025-04-14 17:16:24	DataFile Name :	038CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4991550	4976728	4959403	4975894	0.32	cps
Antimony	121-1	12780103	13084331	13291318	13051917	1.97	cps
Arsenic	75-2	305053	305371	307434	305953	0.42	cps
Barium	135-1	15550766	15678710	15804396	15677957	0.81	cps
Barium	137-1	26916544	27100778	26952371	26989898	0.36	cps
Beryllium	9-1	2739951	2714598	2752308	2735619	0.70	cps
Bismuth	209-1	4068738	4137750	4128858	4111782	0.91	cps
Bismuth	209-2	2066706	2073870	2033612	2058063	1.04	cps
Bromine	81-1	30293	30841	30647	30593	0.91	cps
Cadmium	108-1	243083	244834	246660	244859	0.73	cps
Cadmium	106-1	352476	361595	363334	359135	1.62	cps
Cadmium	111-1	3280727	3232881	3202861	3238823	1.21	cps
Calcium	43-1	20797786	21016684	21236420	21016964	1.04	cps
Calcium	44-1	343134315	343238902	344542662	343638626	0.23	cps
Carbon	12-1	4943371	5309858	5396978	5216736	4.61	cps
Carbon	12-2	43260	43992	43738	43664	0.85	cps
Chlorine	35-1	425223	423746	426512	425160	0.33	cps
Chlorine	35-2	1910	1830	1917	1886	2.56	cps
Chromium	52-2	3206516	3195482	3207200	3203066	0.21	cps
Cobalt	59-2	5635719	5623908	5652848	5637492	0.26	cps
Copper	63-2	41174409	41922474	42602571	41899818	1.70	cps
Dysprosium	156-1	737	697	620	684	8.66	cps
Dysprosium	156-2	143	173	167	161	9.78	cps
Erbium	164-1	633	633	567	611	6.30	cps
Erbium	164-2	233	207	280	240	15.47	cps
Gadolinium	160-1	440	423	433	432	1.94	cps
Gadolinium	160-2	220	163	200	194	14.78	cps
Holmium	165-1	7389741	7540527	7676179	7535482	1.90	cps
Holmium	165-2	3252832	3224441	3245166	3240813	0.45	cps
Indium	115-1	6209516	6198132	6342680	6250109	1.29	cps
Indium	115-2	688752	694883	697256	693630	0.63	cps
Iron	54-2	30167060	30256948	30505090	30309699	0.58	cps
Iron	56-2	556029738	563711072	562695072	560811961	0.74	cps
Iron	57-2	14179578	14280880	14255744	14238734	0.37	cps
Krypton	83-1	360	427	457	414	11.94	cps
Lead	206-1	43119337	43490996	43413944	43341426	0.45	cps

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired :	2025-04-14 17:16:24	DataFile Name :	038CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	36351868	36567394	36449478	36456247	0.30	cps
Lead	208-1	168296560	167971123	168260581	168176088	0.11	cps
Lithium	6-1	2007157	2183221	2177034	2122471	4.71	cps
Magnesium	24-2	88317315	87974409	87955015	88082246	0.23	cps
Manganese	55-2	13389811	13306110	13411661	13369194	0.42	cps
Molybdenum	94-1	46680626	47696121	47936246	47437664	1.41	cps
Molybdenum	95-1	67936579	67248204	68952571	68045785	1.26	cps
Molybdenum	96-1	73047346	73448789	75066211	73854115	1.45	cps
Molybdenum	97-1	41008004	42071817	42042459	41707427	1.45	cps
Molybdenum	98-1	106466882	110383405	111105785	109318691	2.28	cps
Neodymium	150-1	1240	1283	1263	1262	1.72	cps
Neodymium	150-2	87	70	147	101	39.88	cps
Nickel	60-2	1521137	1569884	1563641	1551554	1.71	cps
Phosphorus	31-2	51515	51093	51902	51503	0.79	cps
Potassium	39-2	30339501	29760956	30305842	30135433	1.08	cps
Rhodium	103-1	5631614	5870594	5860548	5787585	2.34	cps
Rhodium	103-2	2560013	2556407	2575608	2564009	0.40	cps
Scandium	45-1	4424765	4443109	4548664	4472179	1.50	cps
Scandium	45-2	101401	100562	102063	101342	0.74	cps
Selenium	82-1	193180	192894	194019	193364	0.30	cps
Selenium	77-2	3881	4064	3851	3932	2.94	cps
Selenium	78-2	13396	13773	13577	13582	1.39	cps
Silicon	28-1	8851924	9013347	9091128	8985466	1.36	cps
Silver	107-1	15507881	15711059	16047446	15755462	1.73	cps
Silver	109-1	14835787	14828759	14752719	14805755	0.31	cps
Sodium	23-2	178391211	178109571	179460177	178653653	0.40	cps
Strontium	86-1	4381744	4487901	4513792	4461146	1.57	cps
Strontium	88-1	38498012	39167117	38656439	38773856	0.90	cps
Sulfur	34-1	1695987	1662022	1668289	1675433	1.08	cps
Terbium	159-1	7737051	7810596	8049328	7865659	2.08	cps
Terbium	159-2	3060138	3110632	3052656	3074475	1.03	cps
Thallium	203-1	10443918	10629350	10718108	10597126	1.32	cps
Thallium	205-1	25097064	25245945	25141613	25161540	0.30	cps
Tin	118-1	10626319	10620356	10850696	10699123	1.23	cps
Titanium	47-1	19430567	19897236	19715337	19681047	1.20	cps
Uranium	238-1	32151478	32169700	32065092	32128756	0.17	cps

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired :	2025-04-14 17:16:24	DataFile Name :	038CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	2441382	2398204	2440091	2426559	1.01	cps
Ytterbium	172-1	810	800	847	819	3.00	cps
Ytterbium	172-2	443	370	383	399	9.79	cps
Ytterbium	176-1	52614	53501	53635	53250	1.04	cps
Ytterbium	176-2	22032	21281	22322	21878	2.46	cps
Yttrium	89-1	11981849	12468746	12372416	12274337	2.10	cps
Yttrium	89-2	980424	977885	983176	980495	0.27	cps
Zinc	66-2	4658357	4724230	4825100	4735895	1.77	cps
Zirconium	90-1	23605334	23986489	23932408	23841410	0.87	cps
Zirconium	91-1	5253547	5324348	5375130	5317675	1.15	cps

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P8
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired :	2025-04-14 17:20:34	DataFile Name :	039CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	453	383	393	410	9.24	cps
Antimony	121-1	1950	1570	1127	1549	26.61	cps
Arsenic	75-2	3	0	0	1	173.21	cps
Barium	135-1	307	303	340	317	6.40	cps
Barium	137-1	573	530	490	531	7.85	cps
Beryllium	9-1	224	207	192	208	7.52	cps
Bismuth	209-1	4857031	4908140	4709098	4824756	2.14	cps
Bismuth	209-2	2435299	2498892	2478786	2470992	1.32	cps
Bromine	81-1	31659	30964	30851	31158	1.40	cps
Cadmium	108-1	40	20	7	22	75.49	cps
Cadmium	106-1	4634	4561	4454	4550	1.99	cps
Cadmium	111-1	3319	3292	3220	3277	1.57	cps
Calcium	43-1	1660	1600	1567	1609	2.94	cps
Calcium	44-1	42623	41433	41159	41738	1.86	cps
Carbon	12-1	4731599	4825517	4676443	4744520	1.59	cps
Carbon	12-2	30555	31617	31310	31161	1.75	cps
Chlorine	35-1	410307	409469	404449	408075	0.78	cps
Chlorine	35-2	1803	1803	1870	1826	2.11	cps
Chromium	52-2	1613	1423	1523	1520	6.25	cps
Cobalt	59-2	157	160	163	160	2.08	cps
Copper	63-2	2534	2530	2744	2602	4.70	cps
Dysprosium	156-1	10	20	17	16	32.73	cps
Dysprosium	156-2	7	0	7	4	86.60	cps
Erbium	164-1	40	90	37	56	53.77	cps
Erbium	164-2	20	17	20	19	10.18	cps
Gadolinium	160-1	57	73	47	59	22.87	cps
Gadolinium	160-2	20	10	20	17	34.64	cps
Holmium	165-1	8182642	8105082	7919676	8069133	1.67	cps
Holmium	165-2	3499797	3496177	3493960	3496645	0.08	cps
Indium	115-1	7259758	7230155	7100924	7196945	1.17	cps
Indium	115-2	840941	838856	827518	835771	0.86	cps
Iron	54-2	1190	1223	1373	1262	7.74	cps
Iron	56-2	17901	17698	17324	17641	1.66	cps
Iron	57-2	487	463	420	457	7.41	cps
Krypton	83-1	290	380	367	346	14.06	cps
Lead	206-1	2607	2464	2267	2446	6.98	cps

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P8
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired :	2025-04-14 17:20:34	DataFile Name :	039CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	2274	2284	2134	2230	3.76	cps
Lead	208-1	10365	9842	9385	9864	4.97	cps
Lithium	6-1	2471205	2543384	2403075	2472555	2.84	cps
Magnesium	24-2	1620	1667	1530	1606	4.33	cps
Manganese	55-2	1413	1277	1333	1341	5.12	cps
Molybdenum	94-1	2007	1917	1943	1956	2.36	cps
Molybdenum	95-1	1620	1480	1270	1457	12.09	cps
Molybdenum	96-1	1653	1573	1490	1572	5.20	cps
Molybdenum	97-1	870	720	660	750	14.42	cps
Molybdenum	98-1	2230	1943	1760	1978	11.98	cps
Neodymium	150-1	3	13	13	10	57.75	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	793	803	850	816	3.71	cps
Phosphorus	31-2	117	133	120	123	7.15	cps
Potassium	39-2	26574	26905	26284	26588	1.17	cps
Rhodium	103-1	6806890	6851572	6604163	6754209	1.95	cps
Rhodium	103-2	3136765	3126999	3064444	3109402	1.26	cps
Scandium	45-1	5043093	4989340	4704702	4912378	3.70	cps
Scandium	45-2	104970	106293	106938	106067	0.95	cps
Selenium	82-1	70	-27	33	26	190.98	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	30	23	37	30	22.23	cps
Silicon	28-1	513818	515550	510214	513194	0.53	cps
Silver	107-1	840	910	753	834	9.41	cps
Silver	109-1	770	713	693	726	5.48	cps
Sodium	23-2	67964	66189	65496	66550	1.91	cps
Strontium	86-1	653	717	677	682	4.70	cps
Strontium	88-1	1240	1043	1130	1138	8.66	cps
Sulfur	34-1	656463	651496	648094	652018	0.65	cps
Terbium	159-1	8387825	8574064	8149927	8370605	2.54	cps
Terbium	159-2	3362389	3340856	3265617	3322954	1.53	cps
Thallium	203-1	783	710	780	758	5.46	cps
Thallium	205-1	1787	1677	1617	1693	5.09	cps
Tin	118-1	3961	3824	3494	3759	6.38	cps
Titanium	47-1	640	533	653	609	10.80	cps
Uranium	238-1	477	477	407	453	8.91	cps

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P8
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired :	2025-04-14 17:20:34	DataFile Name :	039CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	63	47	37	49	27.55	cps
Ytterbium	172-1	50	63	30	48	35.11	cps
Ytterbium	172-2	10	23	30	21	48.24	cps
Ytterbium	176-1	1040	1067	1060	1056	1.31	cps
Ytterbium	176-2	210	277	290	259	16.56	cps
Yttrium	89-1	13391029	13398397	12813294	13200907	2.54	cps
Yttrium	89-2	1077247	1065853	1060264	1067788	0.81	cps
Zinc	66-2	1817	1933	1867	1872	3.13	cps
Zirconium	90-1	3144	3120	2884	3049	4.72	cps
Zirconium	91-1	703	567	573	614	12.54	cps

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	Q1730-20MSDL2X10	Instrumnet Name :	P8
Client Sample ID :	OU4-CF-15-040325MSD	Dilution Factor :	10
Date & Time Acquired :	2025-04-14 17:24:11	DataFile Name :	040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	169263	170827	170585	170225	0.49	cps
Antimony	121-1	1388249	1397651	1410302	1398734	0.79	cps
Arsenic	75-2	167	177	157	167	6.00	cps
Barium	135-1	1650629	1669068	1666880	1662193	0.61	cps
Barium	137-1	2826874	2857515	2851351	2845247	0.57	cps
Beryllium	9-1	310957	313551	311247	311918	0.46	cps
Bismuth	209-1	4873742	4885879	4914258	4891293	0.43	cps
Bismuth	209-2	2378238	2389065	2357431	2374911	0.68	cps
Bromine	81-1	31733	31572	31980	31762	0.65	cps
Cadmium	108-1	27234	27300	26753	27096	1.10	cps
Cadmium	106-1	44588	45491	45729	45270	1.33	cps
Cadmium	111-1	357820	359469	364583	360624	0.98	cps
Calcium	43-1	3992278	4011037	4113872	4039063	1.62	cps
Calcium	44-1	65823854	64307367	65704536	65278586	1.29	cps
Carbon	12-1	4504176	4414603	4481422	4466733	1.04	cps
Carbon	12-2	30051	29633	29667	29784	0.78	cps
Chlorine	35-1	8773630	9438313	9993734	9401892	6.50	cps
Chlorine	35-2	48782	50344	50950	50025	2.24	cps
Chromium	52-2	328419	327667	328624	328237	0.15	cps
Cobalt	59-2	851269	852085	853492	852282	0.13	cps
Copper	63-2	5077941	5187043	5011706	5092230	1.74	cps
Dysprosium	156-1	30197	30187	30338	30241	0.28	cps
Dysprosium	156-2	12533	12389	12469	12464	0.58	cps
Erbium	164-1	38806	40796	39552	39718	2.53	cps
Erbium	164-2	15606	15633	15212	15484	1.52	cps
Gadolinium	160-1	29873	31417	31527	30939	2.99	cps
Gadolinium	160-2	14918	14672	14775	14788	0.84	cps
Holmium	165-1	8414587	8482468	8329717	8408924	0.91	cps
Holmium	165-2	3469707	3496269	3410875	3458950	1.26	cps
Indium	115-1	7345283	7443904	7376075	7388421	0.68	cps
Indium	115-2	823797	825421	822377	823865	0.18	cps
Iron	54-2	6300919	6174836	6177989	6217915	1.16	cps
Iron	56-2	115795052	116982748	117608865	116795555	0.79	cps
Iron	57-2	2964430	3023747	2944315	2977497	1.39	cps
Krypton	83-1	450	383	387	407	9.24	cps
Lead	206-1	4995167	5007974	4976163	4993101	0.32	cps

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	Q1730-20MSDL2X10	Instrumnet Name :	P8
Client Sample ID :	OU4-CF-15-040325MSDI	Dilution Factor :	10
Date & Time Acquired :	2025-04-14 17:24:11	DataFile Name :	040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	4284635	4312587	4286152	4294458	0.37	cps
Lead	208-1	19632316	19644846	19598539	19625234	0.12	cps
Lithium	6-1	2300514	2355071	2451904	2369163	3.24	cps
Magnesium	24-2	4224025	4213829	4242504	4226786	0.34	cps
Manganese	55-2	4782126	4766296	4858656	4802359	1.03	cps
Molybdenum	94-1	2509213	2554828	2566830	2543623	1.20	cps
Molybdenum	95-1	2767197	2770370	2787874	2775147	0.40	cps
Molybdenum	96-1	3079755	3128017	3168236	3125336	1.42	cps
Molybdenum	97-1	1675017	1703084	1685514	1687871	0.84	cps
Molybdenum	98-1	4329545	4394895	4379291	4367910	0.78	cps
Neodymium	150-1	27572	27555	28086	27738	1.09	cps
Neodymium	150-2	7869	7899	7532	7767	2.62	cps
Nickel	60-2	194765	194883	193674	194441	0.34	cps
Phosphorus	31-2	137	150	93	127	23.39	cps
Potassium	39-2	698369	698119	696384	697624	0.15	cps
Rhodium	103-1	6786244	6931602	6966760	6894869	1.39	cps
Rhodium	103-2	3034356	3051807	2990337	3025500	1.05	cps
Scandium	45-1	5055233	5006504	5104733	5055490	0.97	cps
Scandium	45-2	105339	106652	106421	106137	0.66	cps
Selenium	82-1	22285	23420	23030	22912	2.52	cps
Selenium	77-2	517	520	517	518	0.37	cps
Selenium	78-2	1530	1670	1593	1598	4.39	cps
Silicon	28-1	75530109	74813336	75447576	75263673	0.52	cps
Silver	107-1	252768	255799	261059	256542	1.64	cps
Silver	109-1	240421	247839	244091	244117	1.52	cps
Sodium	23-2	8250092	8270514	8062447	8194351	1.40	cps
Strontium	86-1	1217242	1224299	1215620	1219054	0.38	cps
Strontium	88-1	11082494	11152449	11122394	11119112	0.32	cps
Sulfur	34-1	5113724	5149778	5108149	5123884	0.44	cps
Terbium	159-1	8714681	8639685	8678543	8677636	0.43	cps
Terbium	159-2	3400747	3333647	3424580	3386325	1.39	cps
Thallium	203-1	1134376	1137391	1139772	1137179	0.24	cps
Thallium	205-1	2828711	2894154	2872949	2865271	1.17	cps
Tin	118-1	1030570	1046071	1037614	1038085	0.75	cps
Titanium	47-1	2524	2430	2264	2406	5.48	cps
Uranium	238-1	3496179	3576737	3540114	3537677	1.14	cps

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	Q1730-20MSDL2X10	Instrumnet Name :	P8
Client Sample ID :	OU4-CF-15-040325MSD	Dilution Factor :	10
Date & Time Acquired :	2025-04-14 17:24:11	DataFile Name :	040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	266802	267184	265025	266337	0.43	cps
Ytterbium	172-1	14812	15276	15152	15080	1.59	cps
Ytterbium	172-2	6932	7072	7225	7076	2.07	cps
Ytterbium	176-1	15326	15666	15346	15446	1.24	cps
Ytterbium	176-2	7172	7029	6889	7030	2.02	cps
Yttrium	89-1	14472650	14482617	14334824	14430031	0.57	cps
Yttrium	89-2	1133250	1124348	1129370	1128989	0.40	cps
Zinc	66-2	622440	617661	621247	620449	0.40	cps
Zirconium	90-1	2632628	2640395	2602154	2625059	0.77	cps
Zirconium	91-1	552409	556198	560691	556433	0.75	cps

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	Q1730-20MSDDL2X10	Instrumnet Name :	P8
Client Sample ID :	OU4-CF-15-040325MSD	Dilution Factor :	10
Date & Time Acquired :	2025-04-14 17:27:12	DataFile Name :	041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	178142	179046	177909	178366	0.34	cps
Antimony	121-1	1443777	1465734	1469942	1459818	0.96	cps
Arsenic	75-2	187	193	163	181	8.70	cps
Barium	135-1	1741366	1745947	1735470	1740928	0.30	cps
Barium	137-1	2957661	2899595	3049245	2968834	2.54	cps
Beryllium	9-1	316493	319351	320539	318795	0.65	cps
Bismuth	209-1	4796716	4880485	4778520	4818574	1.13	cps
Bismuth	209-2	2397003	2395181	2430710	2407631	0.83	cps
Bromine	81-1	31512	31452	32374	31779	1.62	cps
Cadmium	108-1	27888	28132	28630	28217	1.34	cps
Cadmium	106-1	46465	47013	47756	47078	1.38	cps
Cadmium	111-1	369596	377951	376302	374616	1.18	cps
Calcium	43-1	4235271	4116345	4156518	4169378	1.45	cps
Calcium	44-1	69222719	68508944	68446929	68726197	0.63	cps
Carbon	12-1	4392492	4419674	4364972	4392379	0.62	cps
Carbon	12-2	30682	29680	30064	30142	1.68	cps
Chlorine	35-1	9966448	10658443	11152051	10592314	5.62	cps
Chlorine	35-2	52933	54817	54649	54133	1.93	cps
Chromium	52-2	347502	339486	338753	341914	1.42	cps
Cobalt	59-2	878784	883142	893663	885196	0.86	cps
Copper	63-2	5390545	5274841	5389051	5351479	1.24	cps
Dysprosium	156-1	31708	32055	32459	32074	1.17	cps
Dysprosium	156-2	12626	13160	13157	12981	2.37	cps
Erbium	164-1	41073	41551	42036	41554	1.16	cps
Erbium	164-2	16430	16063	16070	16188	1.30	cps
Gadolinium	160-1	31591	31764	33041	32132	2.46	cps
Gadolinium	160-2	15489	15472	15265	15409	0.81	cps
Holmium	165-1	8350067	8296622	8446728	8364472	0.91	cps
Holmium	165-2	3547805	3473013	3494053	3504957	1.10	cps
Indium	115-1	7374599	7327262	7471499	7391120	0.99	cps
Indium	115-2	823976	823447	824593	824005	0.07	cps
Iron	54-2	6406384	6483863	6420916	6437055	0.64	cps
Iron	56-2	119498212	118373348	119759115	119210225	0.62	cps
Iron	57-2	3032823	3020416	3080216	3044485	1.04	cps
Krypton	83-1	410	487	447	448	8.56	cps
Lead	206-1	5164215	5159080	5221226	5181507	0.67	cps

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	Q1730-20MSDDL2X10	Instrumnet Name :	P8
Client Sample ID :	OU4-CF-15-040325MSD	Dilution Factor :	10
Date & Time Acquired :	2025-04-14 17:27:12	DataFile Name :	041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	4431086	4432000	4593352	4485479	2.08	cps
Lead	208-1	20163649	20113165	20552222	20276346	1.18	cps
Lithium	6-1	2316363	2374383	2281640	2324129	2.02	cps
Magnesium	24-2	4394456	4388160	4312293	4364970	1.05	cps
Manganese	55-2	4876208	4902971	4866097	4881759	0.39	cps
Molybdenum	94-1	2577020	2601898	2603370	2594096	0.57	cps
Molybdenum	95-1	2849954	2836851	2862125	2849644	0.44	cps
Molybdenum	96-1	3223243	3234445	3195016	3217568	0.63	cps
Molybdenum	97-1	1789482	1756932	1769478	1771964	0.93	cps
Molybdenum	98-1	4566317	4535935	4554755	4552335	0.34	cps
Neodymium	150-1	27969	28537	29198	28568	2.15	cps
Neodymium	150-2	7929	8163	8126	8073	1.56	cps
Nickel	60-2	201957	201561	202589	202036	0.26	cps
Phosphorus	31-2	147	153	137	146	5.76	cps
Potassium	39-2	720821	729958	720097	723625	0.76	cps
Rhodium	103-1	6913685	6822636	6869993	6868771	0.66	cps
Rhodium	103-2	3025797	3028265	3009012	3021025	0.35	cps
Scandium	45-1	5080214	5104256	5093014	5092495	0.24	cps
Scandium	45-2	108020	107522	106333	107292	0.81	cps
Selenium	82-1	24065	23367	23584	23672	1.51	cps
Selenium	77-2	517	470	510	499	5.06	cps
Selenium	78-2	1647	1587	1637	1623	1.98	cps
Silicon	28-1	76038831	77370106	77202576	76870504	0.94	cps
Silver	107-1	261296	271281	271351	267976	2.16	cps
Silver	109-1	248659	253816	257065	253180	1.67	cps
Sodium	23-2	8468286	8479016	8513743	8487015	0.28	cps
Strontium	86-1	1255263	1287670	1286345	1276426	1.44	cps
Strontium	88-1	11546476	11898068	11650324	11698290	1.54	cps
Sulfur	34-1	5258199	5242820	5278181	5259734	0.34	cps
Terbium	159-1	8414190	8910874	8671272	8665445	2.87	cps
Terbium	159-2	3378648	3356987	3361349	3365662	0.34	cps
Thallium	203-1	1180461	1175363	1200842	1185555	1.14	cps
Thallium	205-1	2983720	3033638	3021596	3012985	0.86	cps
Tin	118-1	1069370	1087837	1088310	1081839	1.00	cps
Titanium	47-1	2487	2414	2387	2429	2.13	cps
Uranium	238-1	3622476	3681759	3695227	3666487	1.06	cps

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	Q1730-20MSDDL2X10	Instrumnet Name :	P8
Client Sample ID :	OU4-CF-15-040325MSD	Dilution Factor :	10
Date & Time Acquired :	2025-04-14 17:27:12	DataFile Name :	041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	278199	281796	278399	279465	0.72	cps
Ytterbium	172-1	15636	15546	16100	15761	1.89	cps
Ytterbium	172-2	7335	7492	7519	7449	1.33	cps
Ytterbium	176-1	16057	16100	15766	15974	1.14	cps
Ytterbium	176-2	7042	7532	7472	7349	3.64	cps
Yttrium	89-1	14394050	14452157	14663403	14503203	0.98	cps
Yttrium	89-2	1137863	1130986	1142993	1137281	0.53	cps
Zinc	66-2	644454	641438	647734	644542	0.49	cps
Zirconium	90-1	2714690	2743218	2743958	2733955	0.61	cps
Zirconium	91-1	575466	585255	579005	579909	0.85	cps

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	Q1730-20ADL2X10	Instrumnet Name :	P8
Client Sample ID :	OU4-CF-15-040325ADL2	Dilution Factor :	10
Date & Time Acquired :	2025-04-14 17:30:10	DataFile Name :	042AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	174120	171481	172312	172638	0.78	cps
Antimony	121-1	1415271	1435972	1444028	1431757	1.04	cps
Arsenic	75-2	127	120	150	132	11.91	cps
Barium	135-1	1714199	1668931	1712339	1698490	1.51	cps
Barium	137-1	2881850	2888493	2909204	2893182	0.49	cps
Beryllium	9-1	306212	310820	308425	308486	0.75	cps
Bismuth	209-1	4828906	4915313	5000156	4914792	1.74	cps
Bismuth	209-2	2420348	2367958	2390344	2392883	1.10	cps
Bromine	81-1	32401	32578	32254	32411	0.50	cps
Cadmium	108-1	27371	26786	27591	27249	1.53	cps
Cadmium	106-1	46454	46434	46070	46320	0.47	cps
Cadmium	111-1	359788	368750	367468	365335	1.33	cps
Calcium	43-1	4013705	4145483	4119055	4092748	1.70	cps
Calcium	44-1	66110454	68474331	68867654	67817480	2.20	cps
Carbon	12-1	4358612	4345182	4419740	4374512	0.91	cps
Carbon	12-2	29994	29790	29119	29634	1.54	cps
Chlorine	35-1	10065563	10738204	11262445	10688737	5.61	cps
Chlorine	35-2	53595	53378	53763	53579	0.36	cps
Chromium	52-2	334676	333080	331422	333059	0.49	cps
Cobalt	59-2	872748	872148	870292	871729	0.15	cps
Copper	63-2	5348305	5283807	5219726	5283946	1.22	cps
Dysprosium	156-1	30511	31180	31507	31066	1.63	cps
Dysprosium	156-2	12523	12920	12386	12609	2.20	cps
Erbium	164-1	40348	40348	41080	40592	1.04	cps
Erbium	164-2	15646	15713	15870	15743	0.73	cps
Gadolinium	160-1	31644	31150	31377	31390	0.79	cps
Gadolinium	160-2	15029	15102	14458	14863	2.37	cps
Holmium	165-1	8327606	8228796	8317192	8291198	0.65	cps
Holmium	165-2	3457146	3492889	3444142	3464726	0.73	cps
Indium	115-1	7355765	7465272	7267132	7362723	1.35	cps
Indium	115-2	828489	825775	826737	827000	0.17	cps
Iron	54-2	6417303	6233598	6374309	6341737	1.52	cps
Iron	56-2	117347675	115649792	117597648	116865038	0.91	cps
Iron	57-2	3011662	2989502	2990114	2997093	0.42	cps
Krypton	83-1	380	350	390	373	5.58	cps
Lead	206-1	5039489	5178379	5128076	5115315	1.37	cps

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	Q1730-20ADL2X10	Instrumnet Name :	P8
Client Sample ID :	OU4-CF-15-040325ADL2	Dilution Factor :	10
Date & Time Acquired :	2025-04-14 17:30:10	DataFile Name :	042AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	4356275	4334450	4302861	4331195	0.62	cps
Lead	208-1	19699388	19817826	19754164	19757126	0.30	cps
Lithium	6-1	2258259	2372724	2350939	2327307	2.61	cps
Magnesium	24-2	4371771	4405646	4253120	4343512	1.84	cps
Manganese	55-2	4880442	4733498	4823171	4812370	1.54	cps
Molybdenum	94-1	2508582	2543440	2555151	2535724	0.96	cps
Molybdenum	95-1	2858772	2822947	2826300	2836006	0.70	cps
Molybdenum	96-1	3122984	3226270	3167628	3172294	1.63	cps
Molybdenum	97-1	1688111	1795544	1679751	1721135	3.75	cps
Molybdenum	98-1	4391431	4459518	4323228	4391392	1.55	cps
Neodymium	150-1	27979	28714	27732	28142	1.82	cps
Neodymium	150-2	8016	8419	7886	8107	3.43	cps
Nickel	60-2	198842	199368	197124	198445	0.59	cps
Phosphorus	31-2	120	153	137	137	12.20	cps
Potassium	39-2	712512	708227	701969	707569	0.75	cps
Rhodium	103-1	6730162	6960399	6766779	6819114	1.81	cps
Rhodium	103-2	3057390	2980413	2972134	3003312	1.57	cps
Scandium	45-1	5026756	5117477	5089674	5077969	0.92	cps
Scandium	45-2	108546	105034	107935	107172	1.75	cps
Selenium	82-1	23267	23337	22876	23160	1.07	cps
Selenium	77-2	597	517	547	553	7.30	cps
Selenium	78-2	1633	1603	1620	1619	0.93	cps
Silicon	28-1	75180879	75829032	76783294	75931068	1.06	cps
Silver	107-1	258792	261658	267075	262508	1.60	cps
Silver	109-1	244223	247998	250517	247579	1.28	cps
Sodium	23-2	8328259	8505861	8085067	8306396	2.54	cps
Strontium	86-1	1239427	1257248	1257328	1251334	0.82	cps
Strontium	88-1	11201009	11245815	11126249	11191024	0.54	cps
Sulfur	34-1	5110704	5120519	5180216	5137147	0.73	cps
Terbium	159-1	8521643	8950929	8722514	8731695	2.46	cps
Terbium	159-2	3398028	3327698	3383484	3369737	1.10	cps
Thallium	203-1	1149971	1159868	1159243	1156361	0.48	cps
Thallium	205-1	2877424	2940046	2995762	2937744	2.02	cps
Tin	118-1	1061505	1058927	1057519	1059317	0.19	cps
Titanium	47-1	2204	2427	2454	2361	5.81	cps
Uranium	238-1	3586538	3536353	3539070	3553987	0.79	cps

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	Q1730-20ADL2X10	Instrumnet Name :	P8
Client Sample ID :	OU4-CF-15-040325ADL2	Dilution Factor :	10
Date & Time Acquired :	2025-04-14 17:30:10	DataFile Name :	042AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	272494	275885	273258	273879	0.65	cps
Ytterbium	172-1	15543	15359	15639	15514	0.92	cps
Ytterbium	172-2	6865	6965	7172	7001	2.24	cps
Ytterbium	176-1	15786	16340	15956	16028	1.77	cps
Ytterbium	176-2	6965	7105	7082	7051	1.06	cps
Yttrium	89-1	14190699	14459970	14379478	14343382	0.96	cps
Yttrium	89-2	1146422	1148447	1135773	1143547	0.60	cps
Zinc	66-2	640432	624985	632418	632612	1.22	cps
Zirconium	90-1	2574881	2692948	2709142	2658990	2.76	cps
Zirconium	91-1	557506	573234	566820	565853	1.40	cps

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	CCV03	Instrumnet Name :	P8
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired :	2025-04-14 17:35:18	DataFile Name :	043CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5066550	5202079	5111422	5126684	1.35	cps
Antimony	121-1	12648034	12753483	12954909	12785475	1.22	cps
Arsenic	75-2	303809	307052	305832	305564	0.54	cps
Barium	135-1	15370063	15510305	15531208	15470525	0.57	cps
Barium	137-1	26401604	26955710	26915638	26757651	1.15	cps
Beryllium	9-1	2666641	2699200	2750371	2705404	1.56	cps
Bismuth	209-1	4161478	4266256	4172110	4199948	1.37	cps
Bismuth	209-2	2079897	2087960	2121081	2096313	1.04	cps
Bromine	81-1	31195	30016	29989	30400	2.27	cps
Cadmium	108-1	242703	242601	246171	243825	0.83	cps
Cadmium	106-1	350922	352968	354464	352785	0.50	cps
Cadmium	111-1	3147872	3172546	3172513	3164310	0.45	cps
Calcium	43-1	21201667	21514251	21646894	21454271	1.07	cps
Calcium	44-1	341076848	353826875	346773848	347225857	1.84	cps
Carbon	12-1	4703418	4868574	4854425	4808806	1.90	cps
Carbon	12-2	38577	37832	38851	38420	1.37	cps
Chlorine	35-1	755050	733341	713734	734041	2.82	cps
Chlorine	35-2	3134	3070	3047	3084	1.45	cps
Chromium	52-2	3192933	3270637	3190462	3218011	1.42	cps
Cobalt	59-2	5584396	5649941	5559619	5597985	0.83	cps
Copper	63-2	42147458	42285019	41492725	41975067	1.01	cps
Dysprosium	156-1	587	620	647	618	4.87	cps
Dysprosium	156-2	227	133	203	188	25.87	cps
Erbium	164-1	553	593	573	573	3.49	cps
Erbium	164-2	250	210	197	219	12.68	cps
Gadolinium	160-1	473	437	507	472	7.41	cps
Gadolinium	160-2	210	247	200	219	11.23	cps
Holmium	165-1	7597847	7896480	7721029	7738452	1.94	cps
Holmium	165-2	3275552	3280484	3257597	3271211	0.37	cps
Indium	115-1	6261690	6372227	6317324	6317080	0.87	cps
Indium	115-2	709095	709807	710516	709806	0.10	cps
Iron	54-2	31298830	31086265	31268197	31217764	0.37	cps
Iron	56-2	569831965	577696925	579600391	575709760	0.90	cps
Iron	57-2	14559811	14861931	14465557	14629100	1.42	cps
Krypton	83-1	323	423	397	381	13.59	cps
Lead	206-1	42907541	43576358	43815873	43433257	1.08	cps

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	CCV03	Instrumnet Name :	P8
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired :	2025-04-14 17:35:18	DataFile Name :	043CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	35969135	36206311	36742187	36305878	1.09	cps
Lead	208-1	165913805	167974954	169152188	167680316	0.98	cps
Lithium	6-1	2098283	2165255	2124387	2129308	1.59	cps
Magnesium	24-2	87696585	88146342	88884492	88242473	0.68	cps
Manganese	55-2	13207257	13389101	13085717	13227358	1.15	cps
Molybdenum	94-1	46939016	47849741	46786593	47191783	1.22	cps
Molybdenum	95-1	67046526	68393571	68036716	67825604	1.03	cps
Molybdenum	96-1	73067277	73800984	74143136	73670466	0.75	cps
Molybdenum	97-1	41230494	41528196	41791905	41516865	0.68	cps
Molybdenum	98-1	107363232	109092245	109306992	108587489	0.98	cps
Neodymium	150-1	1103	1100	1253	1152	7.60	cps
Neodymium	150-2	160	107	63	110	44.02	cps
Nickel	60-2	1541190	1605118	1533040	1559783	2.53	cps
Phosphorus	31-2	51889	51775	51287	51650	0.62	cps
Potassium	39-2	31706109	31382384	30709808	31266100	1.63	cps
Rhodium	103-1	5751877	5951198	5851668	5851581	1.70	cps
Rhodium	103-2	2615689	2611646	2668583	2631973	1.21	cps
Scandium	45-1	4520510	4661812	4562698	4581673	1.58	cps
Scandium	45-2	103805	103486	102032	103108	0.92	cps
Selenium	82-1	190663	192658	193513	192278	0.76	cps
Selenium	77-2	3941	4044	3844	3943	2.54	cps
Selenium	78-2	13356	12979	13610	13315	2.38	cps
Silicon	28-1	18080838	18445197	18383071	18303036	1.06	cps
Silver	107-1	15575765	15724219	15837012	15712332	0.83	cps
Silver	109-1	14674675	14547213	14874846	14698911	1.12	cps
Sodium	23-2	173783671	177436211	177352724	176190868	1.18	cps
Strontium	86-1	4433312	4461727	4438393	4444477	0.34	cps
Strontium	88-1	38914504	38903101	38391179	38736261	0.77	cps
Sulfur	34-1	1622110	1639330	1628708	1630049	0.53	cps
Terbium	159-1	7968367	7839300	7996654	7934773	1.06	cps
Terbium	159-2	3169794	3162841	3138424	3157020	0.52	cps
Thallium	203-1	10388759	10398298	10662911	10483323	1.48	cps
Thallium	205-1	24827919	24836400	25307360	24990560	1.10	cps
Tin	118-1	10388720	10585358	10613842	10529307	1.16	cps
Titanium	47-1	19250805	19330363	19538673	19373280	0.77	cps
Uranium	238-1	31296368	31903219	31677577	31625721	0.97	cps

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	CCV03	Instrumnet Name :	P8
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired :	2025-04-14 17:35:18	DataFile Name :	043CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	2474188	2439008	2449231	2454142	0.74	cps
Ytterbium	172-1	860	840	890	863	2.91	cps
Ytterbium	172-2	387	380	453	407	9.97	cps
Ytterbium	176-1	51888	52695	53702	52762	1.72	cps
Ytterbium	176-2	21601	21574	21928	21701	0.91	cps
Yttrium	89-1	12449585	12580471	12285460	12438505	1.19	cps
Yttrium	89-2	1001078	1005785	1011501	1006121	0.52	cps
Zinc	66-2	4756243	4704652	4715812	4725569	0.57	cps
Zirconium	90-1	23735591	23991458	23698878	23808642	0.67	cps
Zirconium	91-1	5224011	5315300	5290515	5276609	0.89	cps

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	CCB03	Instrumnet Name :	P8
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired :	2025-04-14 17:39:56	DataFile Name :	044CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	360	373	313	349	9.03	cps
Antimony	121-1	1570	1317	1200	1362	13.89	cps
Arsenic	75-2	7	7	7	7	0.00	cps
Barium	135-1	207	223	247	226	8.91	cps
Barium	137-1	393	400	383	392	2.14	cps
Beryllium	9-1	220	219	190	210	8.10	cps
Bismuth	209-1	5017727	5068465	5026835	5037675	0.54	cps
Bismuth	209-2	2561337	2427595	2547559	2512164	2.93	cps
Bromine	81-1	31024	31255	31044	31108	0.41	cps
Cadmium	108-1	43	43	23	37	31.49	cps
Cadmium	106-1	4374	4527	4441	4447	1.73	cps
Cadmium	111-1	3135	3212	3189	3179	1.25	cps
Calcium	43-1	1370	1410	1427	1402	2.08	cps
Calcium	44-1	38174	37449	37756	37793	0.96	cps
Carbon	12-1	4400306	4374338	4419914	4398186	0.52	cps
Carbon	12-2	29212	29269	29403	29295	0.33	cps
Chlorine	35-1	457842	448654	438093	448197	2.20	cps
Chlorine	35-2	1823	1933	1957	1905	3.74	cps
Chromium	52-2	1577	1623	1620	1607	1.62	cps
Cobalt	59-2	113	140	90	114	21.86	cps
Copper	63-2	2407	2444	2510	2454	2.14	cps
Dysprosium	156-1	10	10	13	11	17.30	cps
Dysprosium	156-2	7	3	0	3	100.05	cps
Erbium	164-1	57	53	73	61	17.53	cps
Erbium	164-2	23	13	20	19	26.96	cps
Gadolinium	160-1	60	50	90	67	31.22	cps
Gadolinium	160-2	10	27	20	19	44.42	cps
Holmium	165-1	8460062	8399325	8413540	8424309	0.38	cps
Holmium	165-2	3503030	3499058	3521003	3507697	0.33	cps
Indium	115-1	7632087	7523877	7583298	7579754	0.71	cps
Indium	115-2	847804	852057	852330	850730	0.30	cps
Iron	54-2	1220	1107	1170	1166	4.87	cps
Iron	56-2	15605	15765	15562	15644	0.69	cps
Iron	57-2	433	323	370	376	14.70	cps
Krypton	83-1	327	303	340	323	5.74	cps
Lead	206-1	2467	2500	2164	2377	7.81	cps

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	CCB03	Instrumnet Name :	P8
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired :	2025-04-14 17:39:56	DataFile Name :	044CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	2007	2080	1873	1987	5.27	cps
Lead	208-1	9632	9571	8755	9319	5.26	cps
Lithium	6-1	2456421	2430014	2438184	2441540	0.55	cps
Magnesium	24-2	1010	1137	990	1046	7.61	cps
Manganese	55-2	22838	22758	23025	22874	0.60	cps
Molybdenum	94-1	1757	1430	1517	1568	10.79	cps
Molybdenum	95-1	1363	1133	1000	1166	15.77	cps
Molybdenum	96-1	1467	1060	1010	1179	21.25	cps
Molybdenum	97-1	630	497	630	586	13.15	cps
Molybdenum	98-1	1667	1343	1327	1446	13.26	cps
Neodymium	150-1	10	20	13	14	35.26	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	770	800	737	769	4.12	cps
Phosphorus	31-2	130	103	123	119	11.68	cps
Potassium	39-2	29487	28598	28368	28818	2.05	cps
Rhodium	103-1	7142289	7150596	7081062	7124649	0.53	cps
Rhodium	103-2	3126264	3146322	3158696	3143760	0.52	cps
Scandium	45-1	5092102	5068524	5061113	5073913	0.32	cps
Scandium	45-2	107539	108838	109611	108663	0.96	cps
Selenium	82-1	17	33	-43	2	1816.48	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	27	33	20	27	24.99	cps
Silicon	28-1	548581	523953	536222	536252	2.30	cps
Silver	107-1	757	810	827	798	4.58	cps
Silver	109-1	787	707	660	718	8.93	cps
Sodium	23-2	72030	71450	69477	70986	1.88	cps
Strontium	86-1	620	577	547	581	6.34	cps
Strontium	88-1	883	887	887	886	0.22	cps
Sulfur	34-1	623358	629136	627736	626743	0.48	cps
Terbium	159-1	8837075	8636875	8791146	8755032	1.20	cps
Terbium	159-2	3421624	3432244	3371112	3408327	0.96	cps
Thallium	203-1	803	777	730	770	4.82	cps
Thallium	205-1	2014	1863	1723	1867	7.77	cps
Tin	118-1	4724	4114	4411	4416	6.91	cps
Titanium	47-1	503	470	507	493	4.11	cps
Uranium	238-1	390	343	317	350	10.61	cps

LB Number :	LB135426	Operator :	Jaswal
Lab Sample ID :	CCB03	Instrumnet Name :	P8
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired :	2025-04-14 17:39:56	DataFile Name :	044CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	27	40	23	30	29.40	cps
Ytterbium	172-1	47	43	80	57	35.78	cps
Ytterbium	172-2	27	20	27	24	15.75	cps
Ytterbium	176-1	917	1040	1033	997	6.96	cps
Ytterbium	176-2	303	207	273	261	18.95	cps
Yttrium	89-1	13665036	13793027	13696252	13718105	0.49	cps
Yttrium	89-2	1073548	1094006	1086490	1084682	0.95	cps
Zinc	66-2	1643	1823	1727	1731	5.20	cps
Zirconium	90-1	2530	2504	2377	2470	3.32	cps
Zirconium	91-1	620	530	580	577	7.82	cps