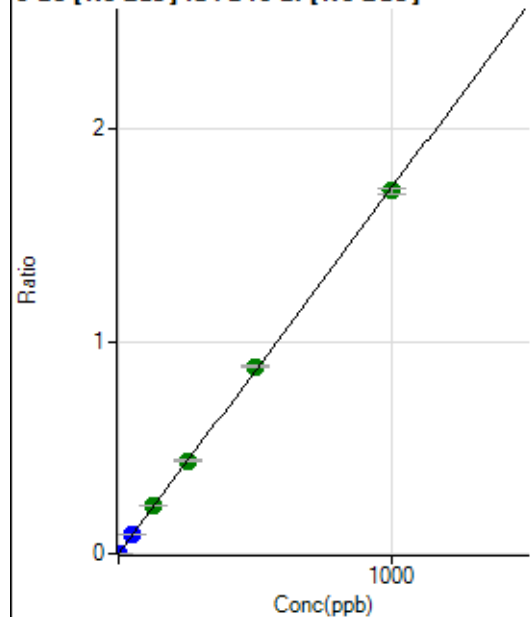


Calibration for 008CAL.S.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P8031725MS-2.b\
 Analysis File: P8031725MS-2.batch.bin
 DA Date-Time: 2025-03-17 17:32:17
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2025-03-17 15:05:19
2	006CAL.S.d	S02	2025-03-17 15:11:55
3	007CALB.d	S03	2025-03-17 15:15:11
4	008CAL.S.d	S04	2025-03-17 15:18:09
5	009CAL.S.d	S05	2025-03-17 15:20:54
6	010CAL.S.d	S06	2025-03-17 15:23:41
7	011CAL.S.d	S07	2025-03-17 15:26:26
8	012CAL.S.d	S08	2025-03-17 15:29:15

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1121.57	0.0002	P	5.8
2	☐	1.000	1.085	15220.11	0.0020	P	5.5
3	☐	50.000	50.299	657192.01	0.0869	P	0.3
4	☐	125.000	130.701	1635267.36	0.2254	A	1.4
5	☐	250.000	254.058	3214105.17	0.4381	A	1.5
6	☐	500.000	512.531	6175517.03	0.8836	A	1.3
7	☐	1000.000	991.992	12172671.87	1.7101	A	1.4
8	☐			2903.26	0.0005	P	0.3

$$y = 0.0017 * x + 1.5563E-004$$

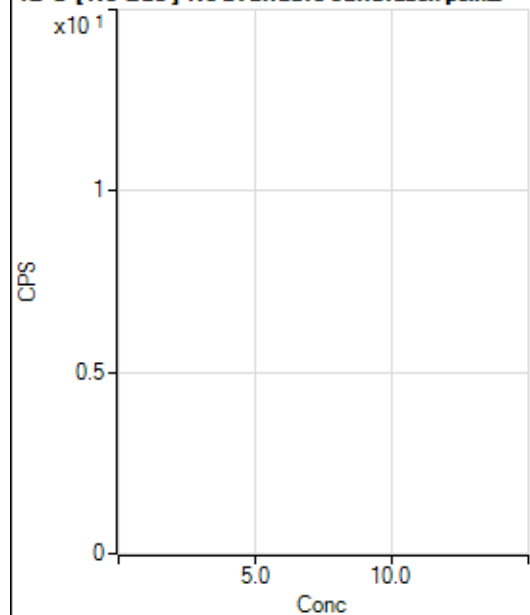
$$R = 0.9999$$

$$DL = 0.01569$$

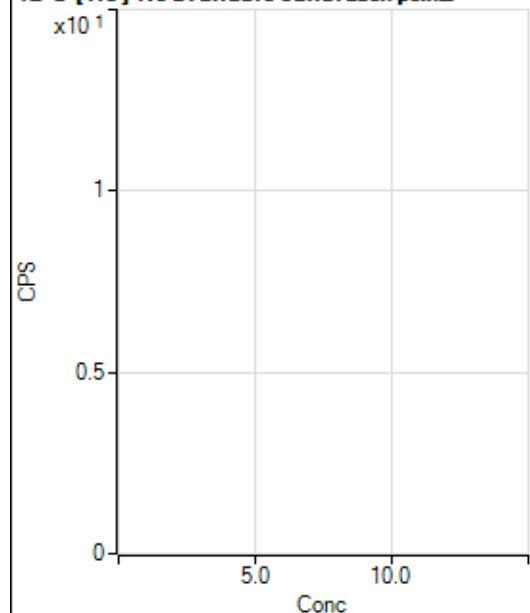
$$BEC = 0.09029$$

Weight: <None>

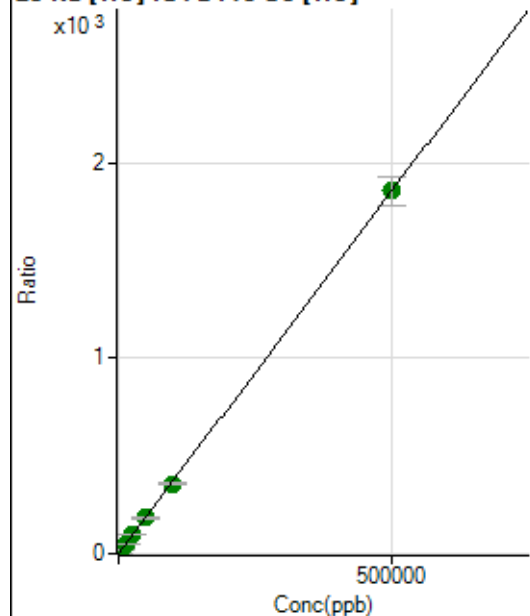
Min Conc: 0

12 C [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			6556234.90		A	2.3
2	☐			6665025.18		A	0.3
3	☐			7475268.78		A	0.6
4	☐			7469958.08		A	1.1
5	☐			7634204.95		A	2.0
6	☐			8370846.05		A	1.3
7	☐			9662768.26		A	3.3
8	☐			7501635.72		A	0.7

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			47626.83		P	0.9
2	☐			51379.34		P	0.9
3	☐			55368.05		P	0.6
4	☐			55871.15		P	1.4
5	☐			59880.16		P	0.6
6	☐			67013.97		P	0.7
7	☐			82868.27		P	1.5
8	☐			90801.44		P	1.0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	71340.50	0.2287	P	1.3
2	☐	500.000	521.686	654486.71	2.1627	P	0.5
3	☐	5000.000	4998.881	5330739.37	18.7605	A	0.9
4	☐	12500.000	13205.143	13331427.02	49.1826	A	3.1
5	☐	25000.000	25438.222	26520667.10	94.5330	A	0.4
6	☐	50000.000	49420.818	52100019.78	183.4410	A	1.8
7	☐	100000.00	96730.922	104571300.66	358.8286	A	0.3
8	☐	500000.00	500672.18	508623143.53	1,856.315	A	7.8

$$y = 0.0037 * x + 0.2287$$

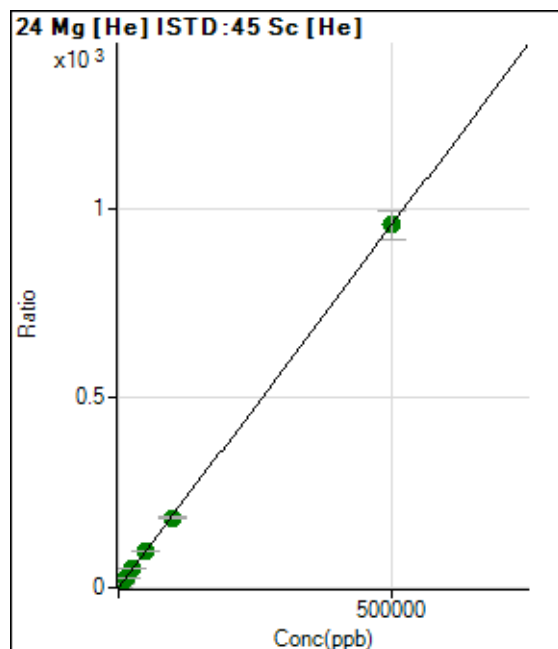
$$R = 1.0000$$

$$DL = 2.447$$

$$BEC = 61.68$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2912.54	0.0093	P	1.7
2	☐	500.000	530.468	309891.63	1.0240	P	1.2
3	☐	5000.000	5190.127	2823395.62	9.9365	A	0.4
4	☐	12500.000	13228.271	6861220.24	25.3111	A	2.8
5	☐	25000.000	25779.539	13835899.79	49.3179	A	0.1
6	☐	50000.000	50103.934	27222757.65	95.8433	A	0.3
7	☐	100000.00	96727.661	53918949.75	185.0207	A	0.4
8	☐	500000.00	500584.95	262326982.76	957.4799	A	7.9

$$y = 0.0019 * x + 0.0093$$

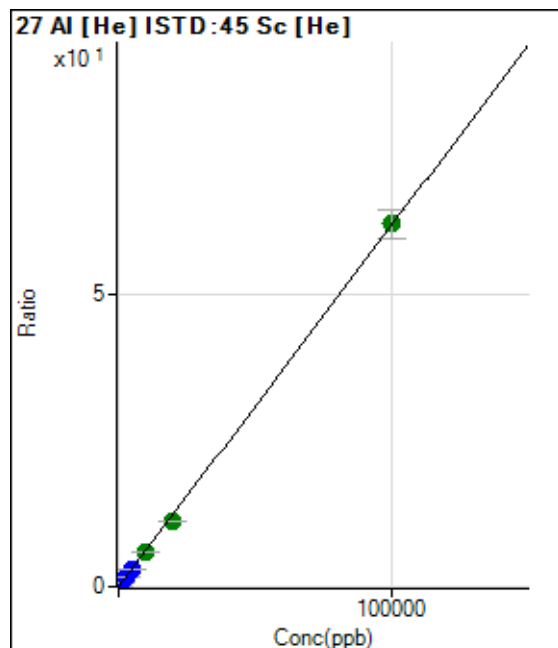
$$R = 1.0000$$

$$DL = 0.25$$

$$BEC = 4.881$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	284.45	0.0009	P	14.3
2	☐	20.000	19.243	3878.34	0.0128	P	3.1
3	☐	1000.000	946.145	166550.12	0.5861	P	0.7
4	☐	2500.000	2474.137	415087.10	1.5312	P	2.7
5	☐	5000.000	4765.308	827159.50	2.9484	P	0.4
6	☐	10000.000	9410.005	1653336.68	5.8213	A	2.0
7	☐	20000.000	18178.762	3277009.29	11.2450	A	0.7
8	☐	100000.00	100436.16	17019604.47	62.1238	A	8.0

$$y = 6.1853E-004 * x + 9.1199E-004$$

$$R = 0.9998$$

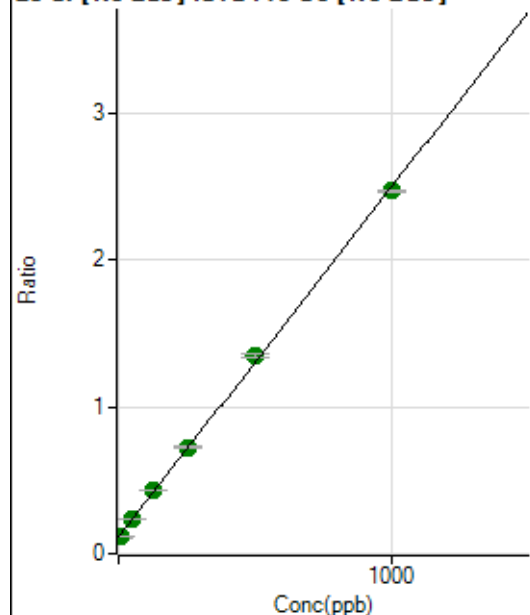
$$DL = 0.633$$

$$BEC = 1.474$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1625644.11	0.1142	A	5.3
2	☐	10.000	0.412	1683899.73	0.1152	A	4.8
3	☐	50.000	49.738	3219162.49	0.2328	A	1.0
4	☐	125.000	133.394	5746027.62	0.4321	A	2.1
5	☐	250.000	255.679	9879761.80	0.7236	A	1.0
6	☐	500.000	517.160	18391328.06	1.3467	A	1.4
7	☐	1000.000	989.060	34115860.33	2.4713	A	0.7
8	☐			1600785.06	0.1231	A	0.9

$$y = 0.0024 * x + 0.1142$$

$$R = 0.9996$$

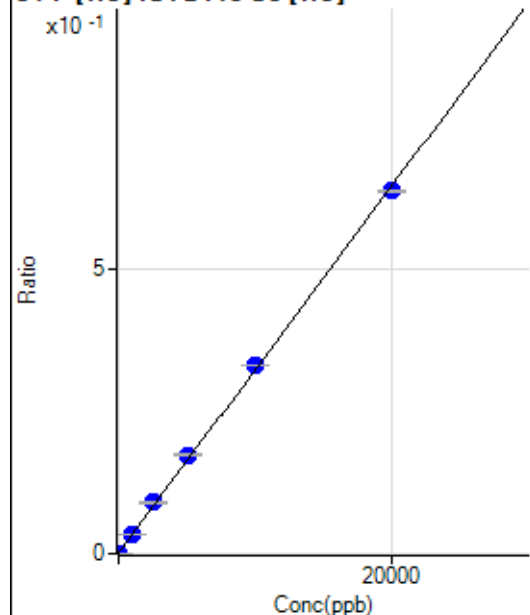
$$DL = 7.67$$

$$BEC = 47.93$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-14.558	212.23	0.0007	P	11.8
2	☐	0.000	14.558	488.90	0.0016	P	7.0
3	☐	1000.000	1048.732	9900.11	0.0348	P	0.9
4	☐	2500.000	2764.761	24392.82	0.0900	P	2.2
5	☐	5000.000	5351.270	48556.49	0.1731	P	1.2
6	☐	10000.000	10240.174	93772.45	0.3302	P	0.7
7	☐	20000.000	19756.564	185313.69	0.6359	P	0.6
8	☐			221.12	0.0008	P	4.3

$$y = 3.2129E-005 * x + 0.0011$$

$$R = 0.9997$$

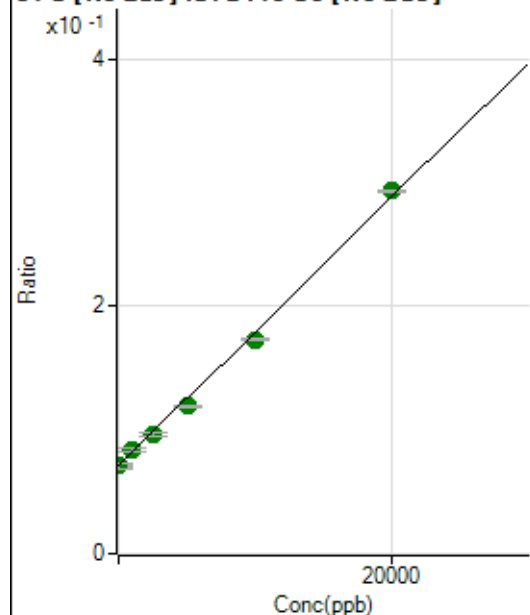
$$DL = 8.99$$

$$BEC = 35.72$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	4.960	1013006.02	0.0712	A	2.0
2	☐	0.000	-4.960	1038136.93	0.0711	A	6.1
3	☐	1000.000	1204.485	1164348.93	0.0842	A	2.9
4	☐	2500.000	2340.876	1283747.03	0.0965	A	2.7
5	☐	5000.000	4422.553	1627146.64	0.1192	A	0.9
6	☐	10000.000	9396.256	2365327.74	0.1732	A	1.4
7	☐	20000.000	20455.900	4049799.84	0.2934	A	0.8
8	☐			741345.61	0.0571	P	5.9

$$y = 1.0865E-005 * x + 0.0711$$

R = 0.9987

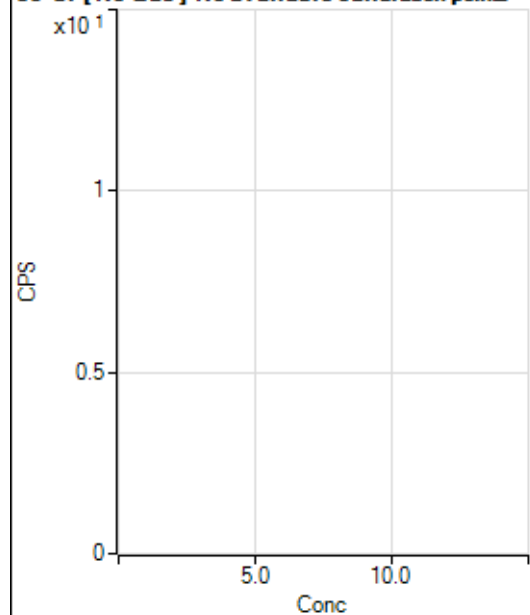
DL = 786.3

BEC = 6545

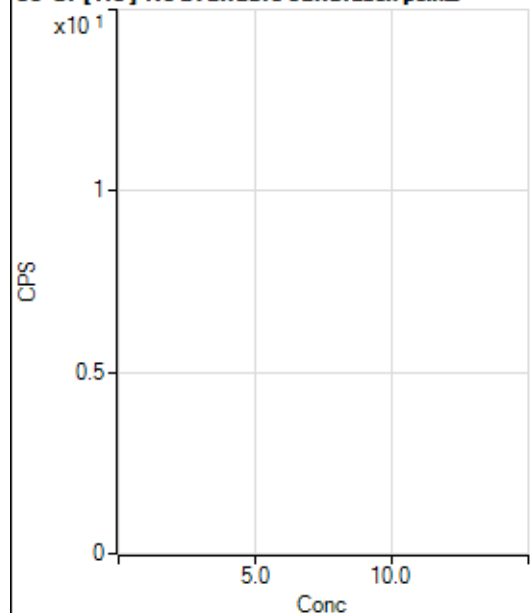
Weight: <None>

Min Conc: 0

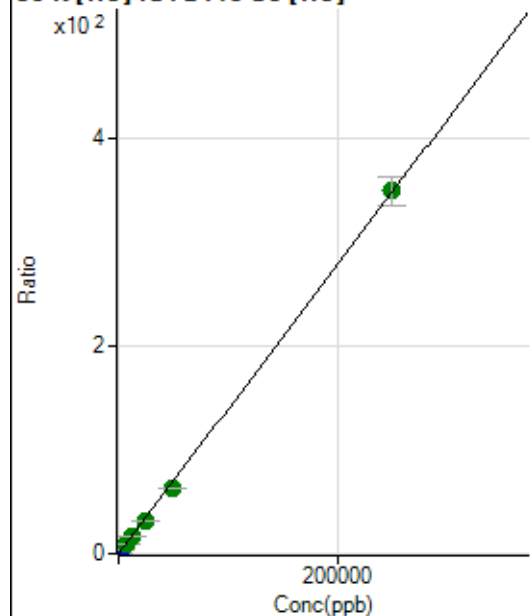
35 Cl [No Gas] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			197987.67		P	0.3
2	☐			208090.46		P	0.2
3	☐			232382.06		P	0.4
4	☐			328004.03		P	2.1
5	☐			439603.34		P	2.5
6	☐			280534.86		P	1.4
7	☐			339963.13		P	2.4
8	☐			222563.86		P	1.5

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			1024.49		P	6.5
2	☐			1053.38		P	6.1
3	☐			1103.39		P	6.1
4	☐			1671.22		P	2.6
5	☐			2191.30		P	6.2
6	☐			1382.30		P	2.8
7	☐			1709.01		P	4.0
8	☐			1226.73		P	8.4

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	17956.83	0.0576	P	1.1
2	☐	500.000	490.063	223347.87	0.7380	P	0.7
3	☐	2500.000	2305.420	925946.33	3.2587	P	0.3
4	☐	6250.000	6139.602	2326762.19	8.5826	A	2.2
5	☐	12500.000	11697.161	4572805.94	16.2995	A	1.7
6	☐	25000.000	22816.159	9014827.50	31.7385	A	0.3
7	☐	50000.000	44870.648	18173517.79	62.3619	A	0.8
8	☐	250000.00	251289.12	95622235.24	348.9808	A	7.8

$$y = 0.0014 * x + 0.0576$$

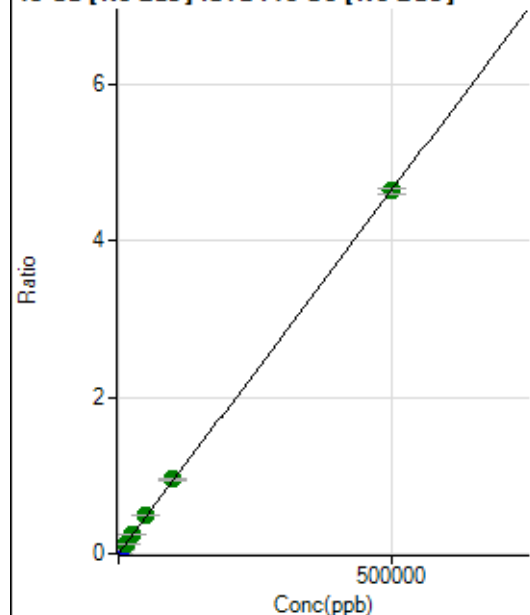
$$R = 0.9998$$

$$DL = 1.361$$

$$BEC = 41.45$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2775.86	0.0002	P	6.5
2	☐	500.000	517.660	72976.03	0.0050	P	6.0
3	☐	5000.000	5139.020	661683.36	0.0478	P	2.3
4	☐	12500.000	13739.336	1696762.65	0.1276	A	1.8
5	☐	25000.000	25897.665	3281820.12	0.2403	A	0.3
6	☐	50000.000	52062.630	6595664.97	0.4830	A	1.5
7	☐	100000.00	101985.74	13056740.36	0.9459	A	1.9
8	☐	500000.00	499319.31	60202434.66	4.6305	A	1.6

$$y = 9.2731E-006 * x + 1.9500E-004$$

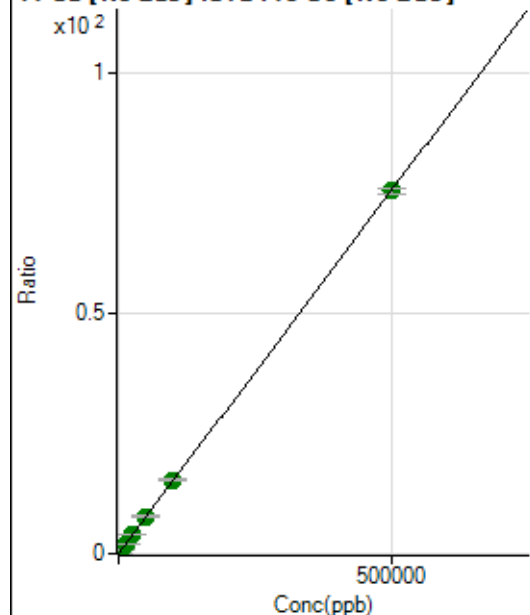
$$R = 1.0000$$

$$DL = 4.102$$

$$BEC = 21.03$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	110397.22	0.0078	P	3.9
2	☐	500.000	543.494	1311083.38	0.0898	A	6.4
3	☐	5000.000	5183.300	10921889.56	0.7898	A	2.3
4	☐	12500.000	13483.672	27153189.60	2.0422	A	2.6
5	☐	25000.000	25885.988	53436773.65	3.9135	A	0.3
6	☐	50000.000	51339.649	105891828.42	7.7540	A	1.1
7	☐	100000.00	101748.20	212015054.62	15.3597	A	1.5
8	☐	500000.00	499445.62	979841585.40	75.3649	A	1.7

$$y = 1.5088E-004 * x + 0.0078$$

$$R = 1.0000$$

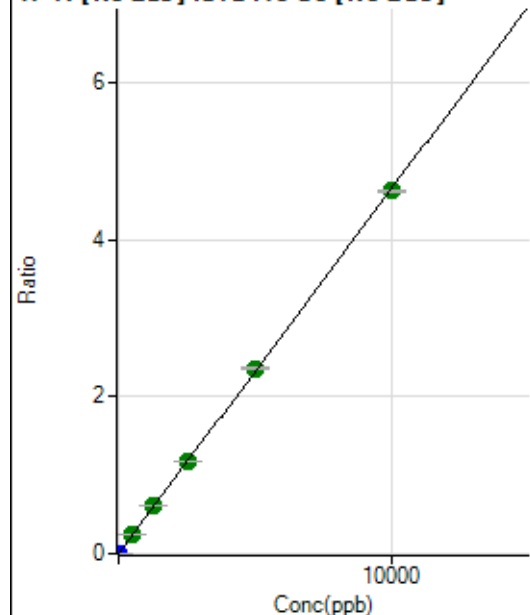
$$DL = 5.961$$

$$BEC = 51.41$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	664.47	0.0000	P	3.0
2	☐	5.000	5.210	36071.90	0.0025	P	6.8
3	☐	500.000	512.993	3300379.92	0.2387	A	2.6
4	☐	1250.000	1303.331	8062825.23	0.6063	A	1.5
5	☐	2500.000	2538.450	16123626.15	1.1809	A	1.2
6	☐	5000.000	5079.834	32270482.85	2.3630	A	1.3
7	☐	10000.000	9943.154	63850778.49	4.6253	A	0.5
8	☐			9089.65	0.0007	P	15.0

$$y = 4.6517\text{E-}004 * x + 4.6673\text{E-}005$$

$$R = 0.9999$$

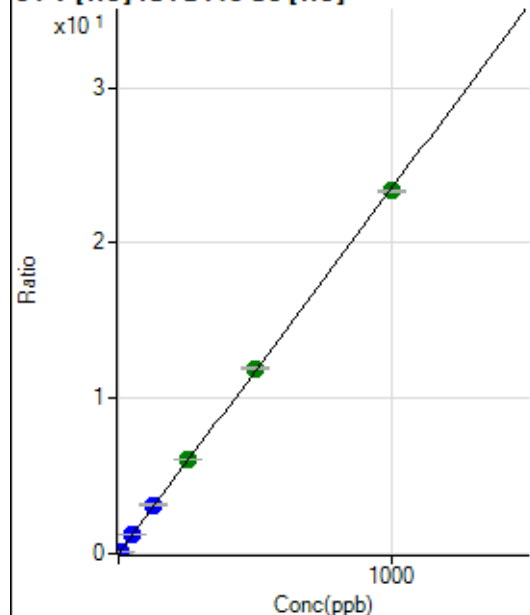
$$DL = 0.009065$$

$$BEC = 0.1003$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	95.56	0.0003	P	11.9
2	☐	5.000	5.409	38585.25	0.1275	P	1.4
3	☐	50.000	50.980	340716.65	1.1991	P	0.6
4	☐	125.000	132.879	847091.45	3.1250	P	2.9
5	☐	250.000	260.009	1715404.90	6.1145	A	0.1
6	☐	500.000	506.365	3382201.30	11.9077	A	0.8
7	☐	1000.000	993.279	6806957.12	23.3577	A	0.3
8	☐			1869.03	0.0068	P	6.6

$$y = 0.0235 * x + 3.0619\text{E-}004$$

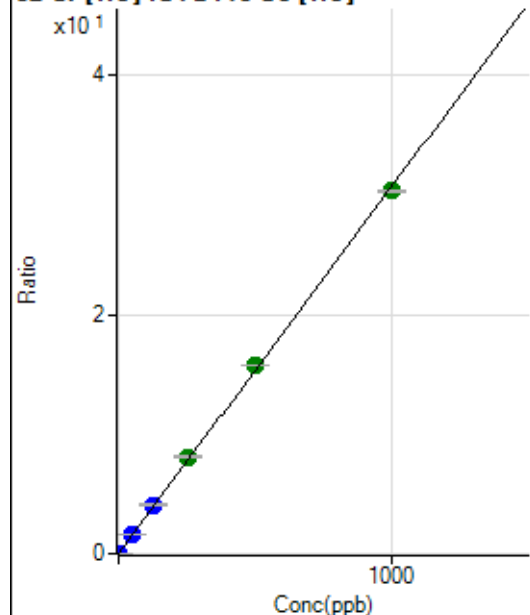
$$R = 0.9999$$

$$DL = 0.004643$$

$$BEC = 0.01302$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1767.90	0.0057	P	5.8
2	☐	2.000	2.149	21649.79	0.0715	P	1.5
3	☐	50.000	50.733	443553.08	1.5610	P	0.6
4	☐	125.000	132.029	1098678.98	4.0533	P	3.0
5	☐	250.000	263.989	2272062.29	8.0987	A	1.4
6	☐	500.000	513.237	4470710.59	15.7399	A	0.0
7	☐	1000.000	988.968	8837169.38	30.3243	A	0.2
8	☐			44075.74	0.1609	P	8.1

$$y = 0.0307 * x + 0.0057$$

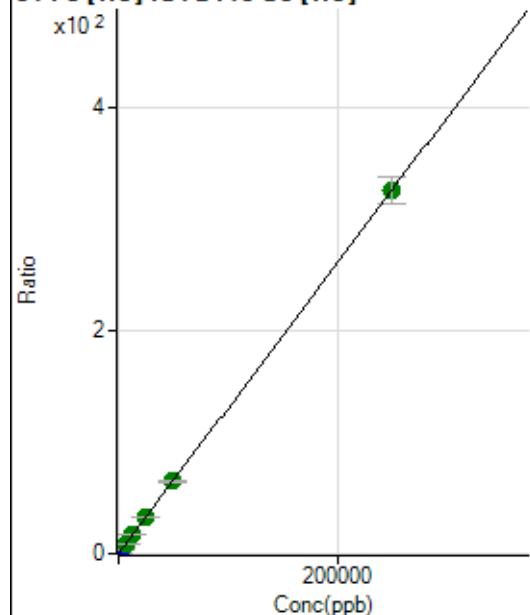
$$R = 0.9997$$

$$DL = 0.03201$$

$$BEC = 0.1849$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	993.38	0.0032	P	2.8
2	☐	50.000	55.233	22748.19	0.0752	P	0.7
3	☐	2500.000	2594.895	961848.64	3.3851	P	0.5
4	☐	6250.000	6970.042	2462866.32	9.0872	A	3.7
5	☐	12500.000	13244.595	4843473.33	17.2647	A	1.1
6	☐	25000.000	25540.709	9455155.35	33.2901	A	1.3
7	☐	50000.000	49710.443	18881161.66	64.7903	A	0.9
8	☐	250000.00	249947.66	89271420.89	325.7572	A	7.4

$$y = 0.0013 * x + 0.0032$$

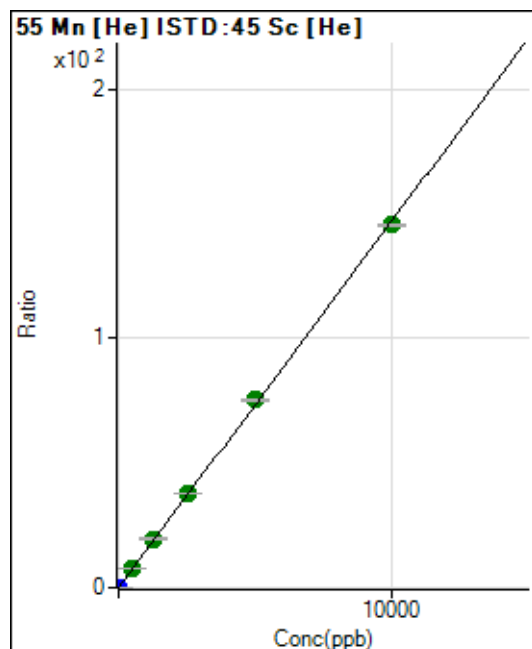
$$R = 1.0000$$

$$DL = 0.2078$$

$$BEC = 2.443$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2132.40	0.0068	P	3.2
2	☐	1.000	0.918	6150.27	0.0203	P	4.1
3	☐	500.000	529.066	2211689.34	7.7839	A	0.7
4	☐	1250.000	1333.897	5316056.00	19.6145	A	3.7
5	☐	2500.000	2578.688	10636072.20	37.9123	A	0.7
6	☐	5000.000	5121.015	21382024.96	75.2833	A	1.3
7	☐	10000.000	9907.880	42445158.26	145.6479	A	0.7
8	☐			18411.96	0.0672	P	8.3

$$y = 0.0147 * x + 0.0068$$

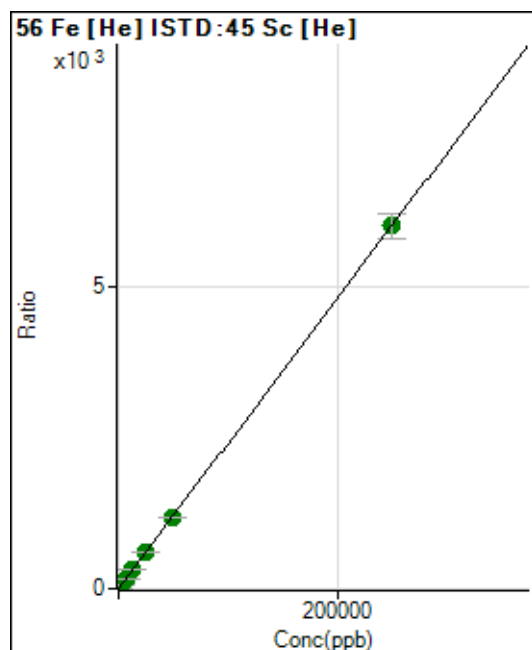
$$R = 0.9998$$

$$DL = 0.04417$$

$$BEC = 0.465$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	13140.62	0.0421	P	1.4
2	☐	50.000	53.946	405597.87	1.3403	P	1.2
3	☐	2500.000	2573.720	17609885.99	61.9751	A	0.4
4	☐	6250.000	6728.884	43900644.90	161.9634	A	3.1
5	☐	12500.000	12984.730	87670223.14	312.5017	A	1.0
6	☐	25000.000	25332.385	173155695.20	609.6309	A	0.4
7	☐	50000.000	48613.844	340925292.70	1,169.866	A	0.3
8	☐	250000.00	250207.04	1650266908.7	6,020.928	A	7.1

$$y = 0.0241 * x + 0.0421$$

$$R = 1.0000$$

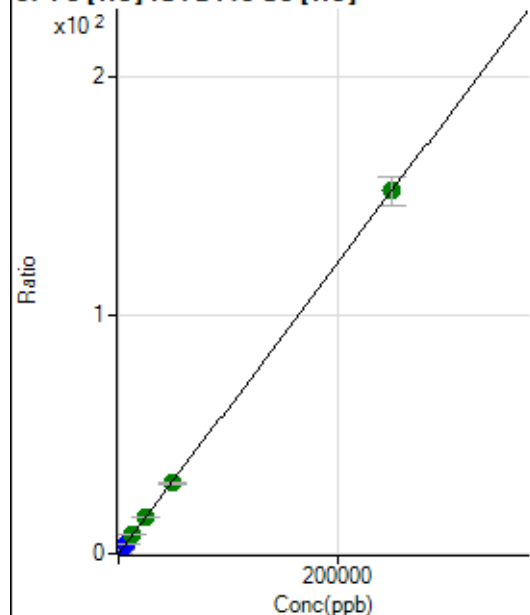
$$DL = 0.07601$$

$$BEC = 1.75$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	350.01	0.0011	P	4.7
2	☐	50.000	53.411	10153.70	0.0336	P	2.0
3	☐	2500.000	2543.637	439174.75	1.5456	P	0.1
4	☐	6250.000	6615.022	1089037.61	4.0177	P	3.0
5	☐	12500.000	13321.958	2269626.13	8.0901	A	0.6
6	☐	25000.000	25345.245	4371069.62	15.3905	A	2.5
7	☐	50000.000	48556.087	8592527.23	29.4840	A	1.0
8	☐	250000.00	250203.59	41624957.71	151.9227	A	7.8

$$y = 6.0719\text{E-}004 * x + 0.0011$$

$$R = 1.0000$$

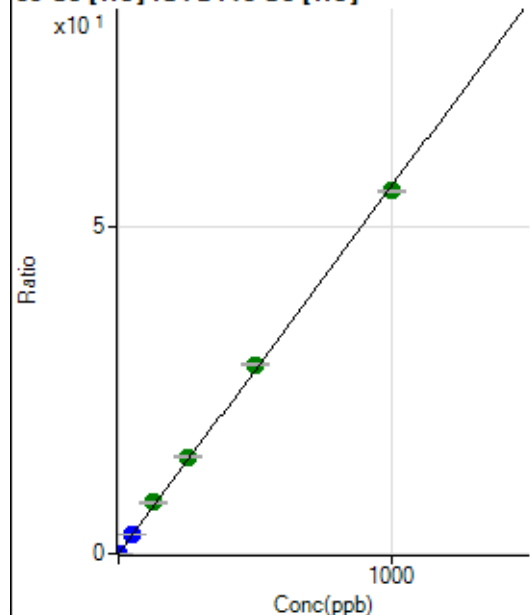
$$DL = 0.2601$$

$$BEC = 1.848$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	531.13	0.0017	P	4.0
2	☐	1.000	1.162	20270.07	0.0670	P	1.8
3	☐	50.000	52.193	833382.85	2.9330	P	0.2
4	☐	125.000	139.467	2123874.12	7.8344	A	2.4
5	☐	250.000	264.194	4163051.64	14.8393	A	1.1
6	☐	500.000	513.834	8196868.98	28.8595	A	1.1
7	☐	1000.000	987.616	16164573.51	55.4680	A	0.2
8	☐			33648.59	0.1228	P	7.4

$$y = 0.0562 * x + 0.0017$$

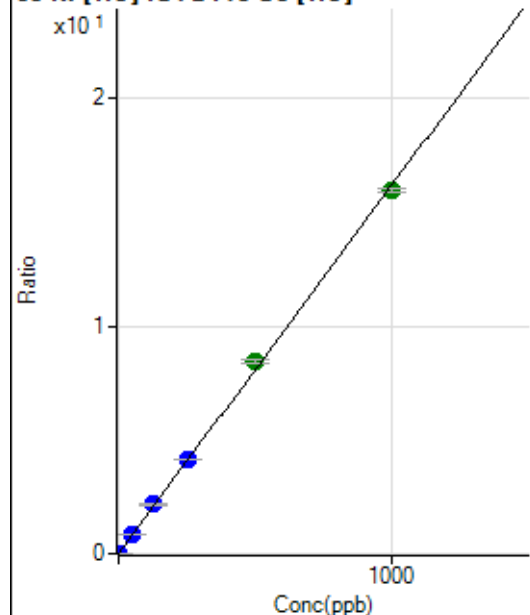
$$R = 0.9997$$

$$DL = 0.003647$$

$$BEC = 0.03031$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1503.43	0.0048	P	6.3
2	☐	1.000	1.100	6843.94	0.0226	P	1.2
3	☐	50.000	51.586	238417.58	0.8391	P	0.3
4	☐	125.000	134.952	592828.52	2.1873	P	3.5
5	☐	250.000	256.954	1167147.47	4.1603	P	0.3
6	☐	500.000	522.590	2401688.94	8.4562	A	1.7
7	☐	1000.000	985.643	4646748.19	15.9447	A	0.9
8	☐			15939.00	0.0582	P	7.7

$$y = 0.0162 * x + 0.0048$$

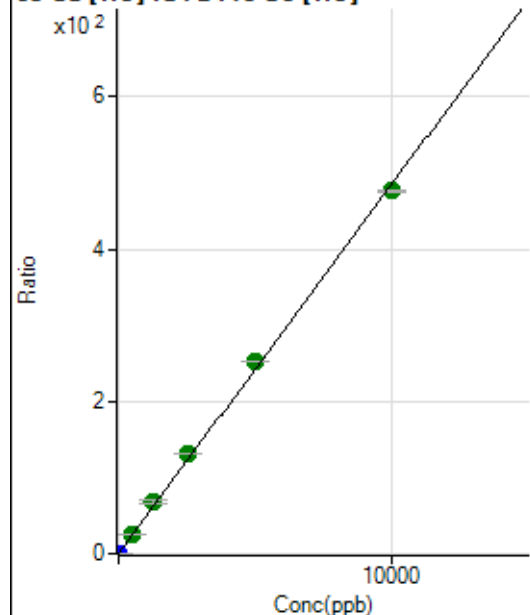
$$R = 0.9996$$

$$DL = 0.0561$$

$$BEC = 0.298$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	9811.23	0.0314	P	3.3
2	☐	2.000	2.110	40459.70	0.1337	P	0.6
3	☐	500.000	539.564	7437885.72	26.1764	A	0.0
4	☐	1250.000	1405.950	18471929.45	68.1579	A	3.8
5	☐	2500.000	2692.413	36609438.90	130.4944	A	0.4
6	☐	5000.000	5201.966	71605883.94	252.0967	A	0.6
7	☐	10000.000	9829.442	138811584.60	476.3247	A	0.5
8	☐			29156.65	0.1064	P	7.5

$$y = 0.0485 * x + 0.0314$$

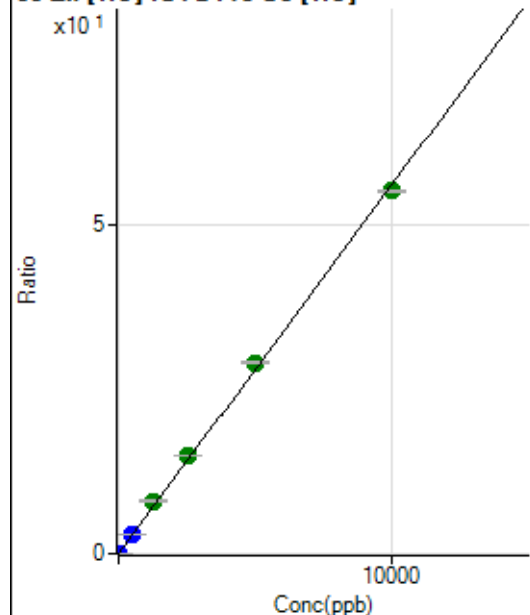
$$R = 0.9994$$

$$DL = 0.06328$$

$$BEC = 0.6489$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	436.68	0.0014	P	4.4
2	☐	2.000	5.091	9044.07	0.0299	P	1.4
3	☐	500.000	523.659	832875.12	2.9312	P	0.5
4	☐	1250.000	1424.249	2160240.58	7.9699	A	3.2
5	☐	2500.000	2660.443	4176223.13	14.8862	A	0.6
6	☐	5000.000	5177.426	8228457.31	28.9683	A	1.2
7	☐	10000.000	9848.211	16057654.62	55.1007	A	0.4
8	☐			28683.48	0.1047	P	8.6

$$y = 0.0056 * x + 0.0014$$

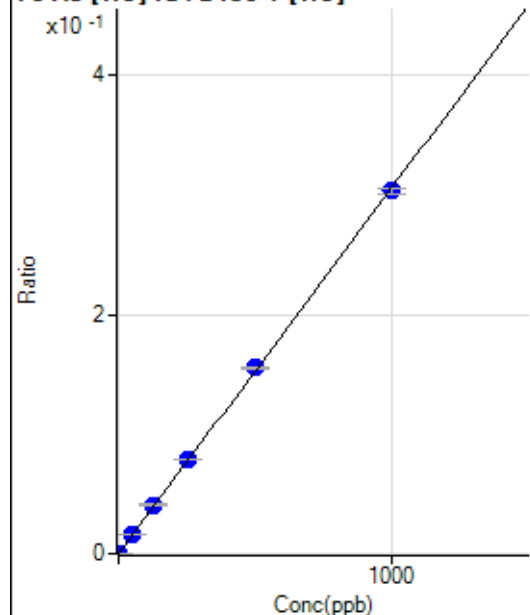
$$R = 0.9995$$

$$DL = 0.03276$$

$$BEC = 0.2501$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	22.22	0.0000	P	45.2
2	☐	1.000	1.151	1073.38	0.0004	P	10.0
3	☐	50.000	51.203	44622.58	0.0157	P	0.4
4	☐	125.000	133.240	111927.66	0.0407	P	2.7
5	☐	250.000	257.757	223206.67	0.0788	P	1.8
6	☐	500.000	508.541	446472.58	0.1554	P	0.8
7	☐	1000.000	992.700	881136.99	0.3034	P	1.3
8	☐			455.57	0.0002	P	2.8

$$y = 3.0566E-004 * x + 7.1091E-006$$

$$R = 0.9999$$

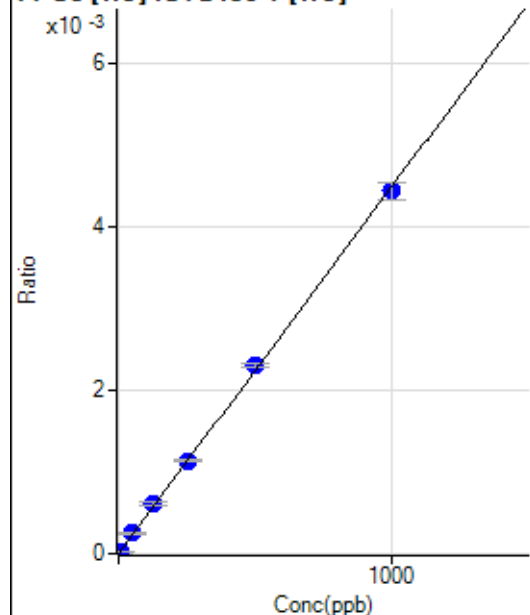
$$DL = 0.03156$$

$$BEC = 0.02326$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.
2	☐	5.000	6.215	84.44	0.0000	P	10.7
3	☐	50.000	57.065	730.03	0.0003	P	10.8
4	☐	125.000	137.907	1701.23	0.0006	P	6.5
5	☐	250.000	254.040	3227.07	0.0011	P	1.2
6	☐	500.000	514.789	6626.06	0.0023	P	1.8
7	☐	1000.000	989.623	12873.76	0.0044	P	4.4
8	☐			15.56	0.0000	P	33.9

$$y = 4.4809\text{E-}006 * x + 3.5435\text{E-}007$$

$$R = 0.9998$$

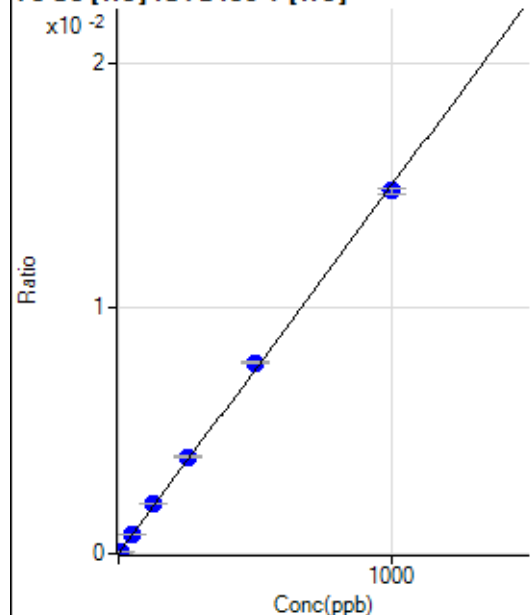
$$DL = 0.4109$$

$$BEC = 0.07908$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	20.00	0.0000	P	32.8
2	☐	5.000	5.517	266.67	0.0001	P	8.1
3	☐	50.000	51.098	2201.31	0.0008	P	2.9
4	☐	125.000	134.860	5574.49	0.0020	P	2.0
5	☐	250.000	263.313	11200.10	0.0040	P	2.6
6	☐	500.000	519.431	22386.76	0.0078	P	1.1
7	☐	1000.000	985.666	42927.58	0.0148	P	1.9
8	☐			40.00	0.0000	P	17.0

$$y = 1.4993\text{E-}005 * x + 6.3962\text{E-}006$$

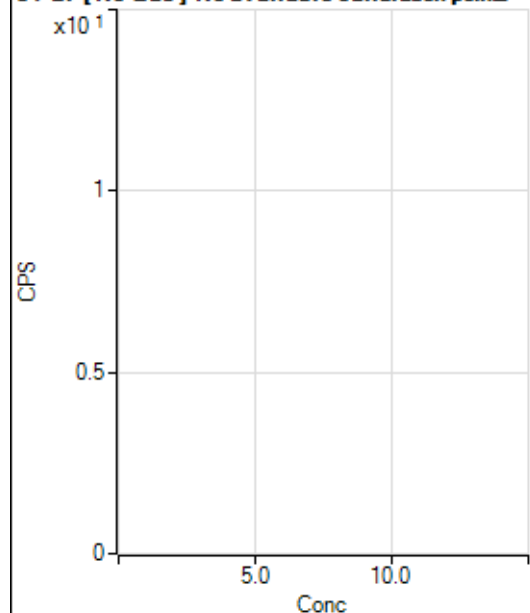
$$R = 0.9996$$

$$DL = 0.4199$$

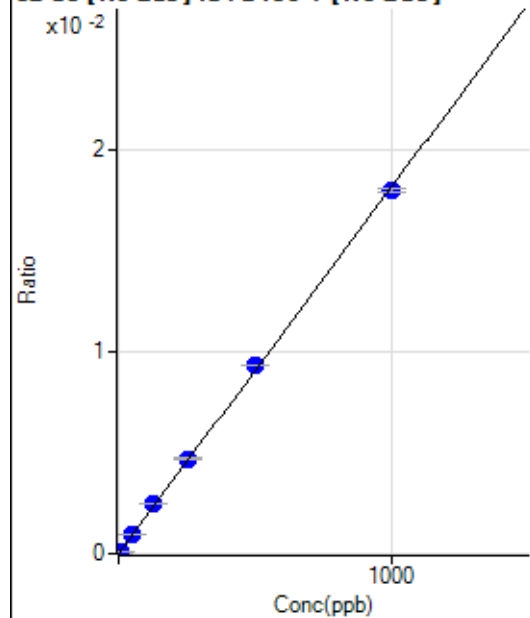
$$BEC = 0.4266$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			10105.97		P	2.4
2	☐			9359.88		P	1.5
3	☐			8820.64		P	2.8
4	☐			8304.76		P	2.9
5	☐			8798.40		P	1.9
6	☐			9276.49		P	1.9
7	☐			10635.23		P	1.3
8	☐			26842.03		P	20.2

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	30.00	0.0000	P	77.2
2	☐	5.000	5.253	3456.13	0.0001	P	6.0
3	☐	50.000	53.639	33018.76	0.0010	P	1.1
4	☐	125.000	135.395	81645.00	0.0025	P	1.3
5	☐	250.000	259.464	160297.41	0.0047	P	1.7
6	☐	500.000	512.784	317641.07	0.0093	P	0.5
7	☐	1000.000	989.759	620064.69	0.0179	P	0.9
8	☐			461.15	0.0000	P	9.0

$$y = 1.8121E-005 * x + 8.6318E-007$$

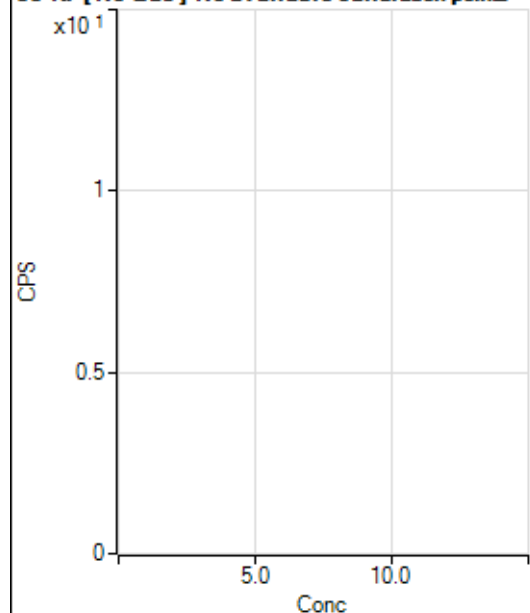
$$R = 0.9998$$

$$DL = 0.1104$$

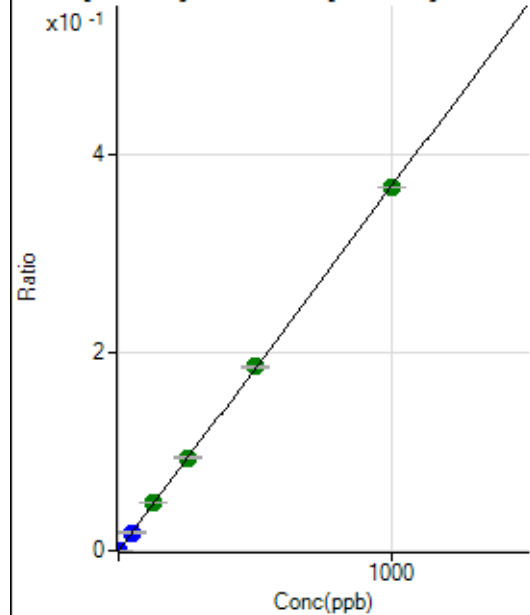
$$BEC = 0.04763$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			491.13		P	23.1
2	☐			481.12		P	10.2
3	☐			440.01		P	2.0
4	☐			452.24		P	8.7
5	☐			426.68		P	7.9
6	☐			458.90		P	5.4
7	☐			496.68		P	9.4
8	☐			677.80		P	8.1

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	957.82	0.0000	P	16.8
2	☐	1.000	1.035	14669.99	0.0004	P	6.2
3	☐	50.000	49.748	621673.55	0.0183	P	1.9
4	☐	125.000	131.174	1605215.36	0.0483	A	2.8
5	☐	250.000	254.605	3192826.34	0.0936	A	1.6
6	☐	500.000	504.679	6344050.46	0.1856	A	0.7
7	☐	1000.000	995.750	12658716.62	0.3662	A	0.2
8	☐			38822.64	0.0012	P	1.7

$$y = 3.6769E-004 * x + 2.7412E-005$$

$$R = 1.0000$$

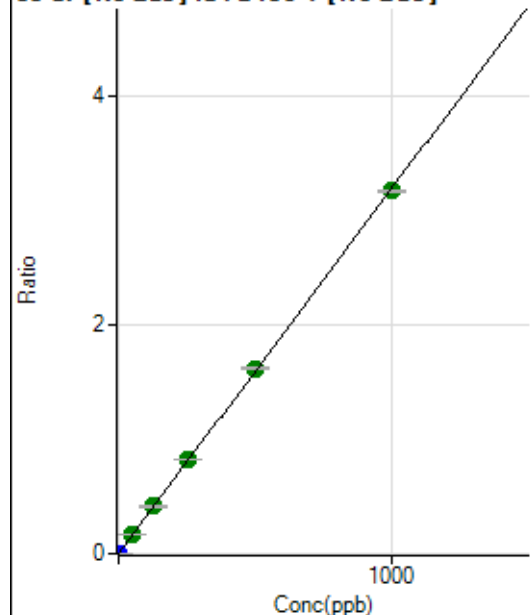
$$DL = 0.03759$$

$$BEC = 0.07455$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1248.96	0.0000	P	14.3
2	☐	1.000	1.033	119583.45	0.0033	P	5.8
3	☐	50.000	51.097	5520214.78	0.1627	A	3.2
4	☐	125.000	129.891	13755524.93	0.4135	A	1.6
5	☐	250.000	256.507	27839050.42	0.8166	A	0.3
6	☐	500.000	506.788	55144576.96	1.6133	A	1.0
7	☐	1000.000	994.313	109435789.48	3.1653	A	0.8
8	☐			330211.42	0.0102	P	1.0

$$y = 0.0032 * x + 3.5737E-005$$

$$R = 0.9999$$

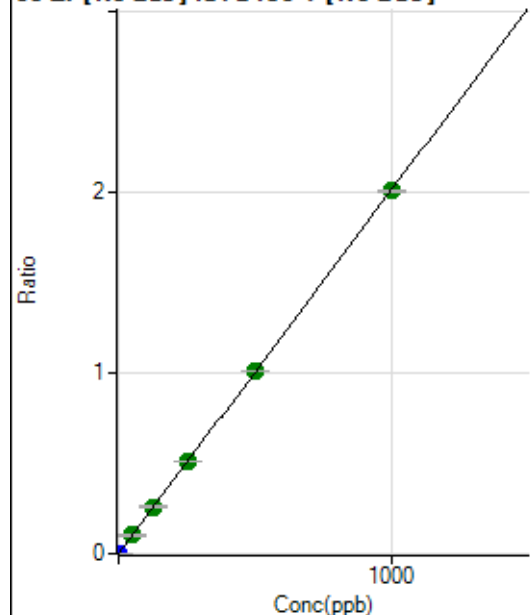
$$DL = 0.004815$$

$$BEC = 0.01123$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2635.83	0.0001	P	2.7
2	☐	1.000	1.000	75004.56	0.0021	P	5.1
3	☐	50.000	50.732	3460849.71	0.1020	A	2.4
4	☐	125.000	128.888	8615199.32	0.2590	A	1.9
5	☐	250.000	252.349	17284849.46	0.5070	A	0.5
6	☐	500.000	503.037	34543513.10	1.0106	A	0.7
7	☐	1000.000	997.372	69270886.75	2.0037	A	0.5
8	☐			31895.37	0.0010	P	0.8

$$y = 0.0020 * x + 7.5283E-005$$

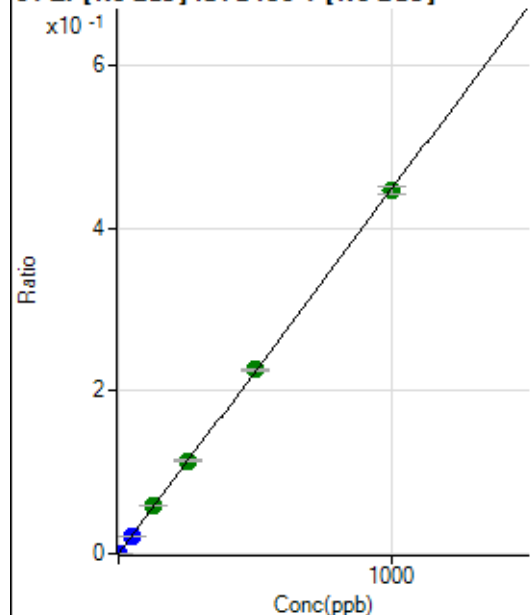
$$R = 1.0000$$

$$DL = 0.003061$$

$$BEC = 0.03748$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	506.68	0.0000	P	4.6
2	☐	1.000	0.988	16432.01	0.0005	P	4.7
3	☐	50.000	49.109	746407.08	0.0220	P	3.0
4	☐	125.000	130.120	1938170.85	0.0583	A	0.8
5	☐	250.000	254.333	3881479.42	0.1139	A	1.3
6	☐	500.000	505.632	7736967.11	0.2264	A	1.0
7	☐	1000.000	995.505	15405739.77	0.4456	A	2.2
8	☐			7082.97	0.0002	P	2.4

$$y = 4.4764\text{E-}004 * x + 1.4456\text{E-}005$$

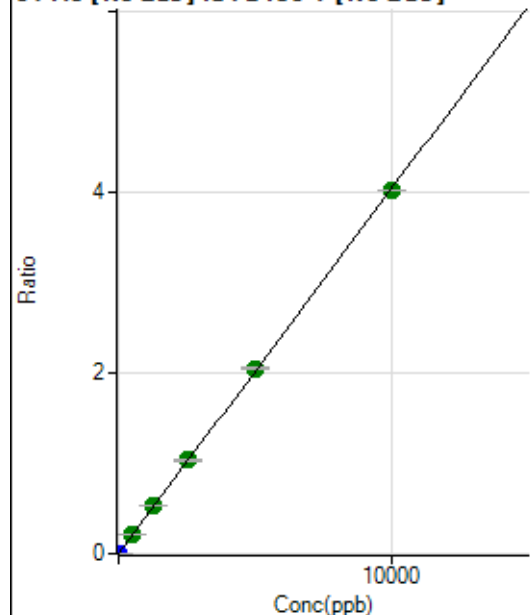
$$R = 1.0000$$

$$DL = 0.004487$$

$$BEC = 0.03229$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1128.95	0.0000	P	11.3
2	☐	5.000	6.022	88590.71	0.0025	P	5.2
3	☐	500.000	509.410	6975921.70	0.2056	A	2.9
4	☐	1250.000	1313.366	17627697.79	0.5299	A	2.1
5	☐	2500.000	2558.198	35187906.14	1.0322	A	0.5
6	☐	5000.000	5072.915	69959491.18	2.0468	A	1.3
7	☐	10000.000	9940.601	138665662.38	4.0109	A	0.1
8	☐			29505.79	0.0009	P	3.3

$$y = 4.0348\text{E-}004 * x + 3.2286\text{E-}005$$

$$R = 0.9999$$

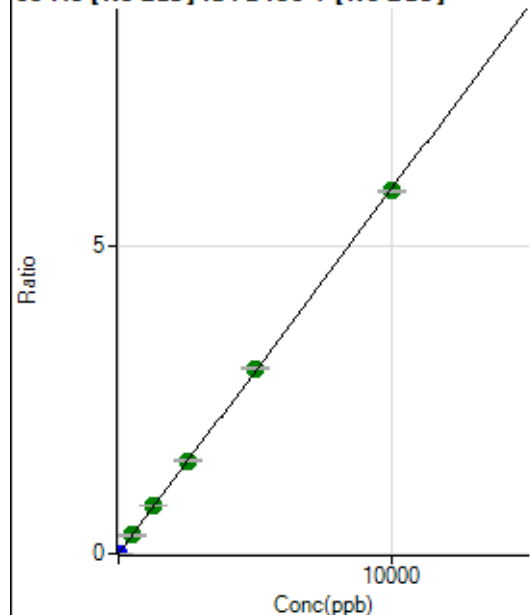
$$DL = 0.02716$$

$$BEC = 0.08002$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	527.79	0.0000	P	28.1
2	☐	5.000	5.015	107257.59	0.0030	P	5.3
3	☐	500.000	504.506	10123470.61	0.2984	A	3.0
4	☐	1250.000	1307.272	25717176.84	0.7731	A	0.9
5	☐	2500.000	2546.047	51322767.01	1.5056	A	1.3
6	☐	5000.000	5068.683	102450820.70	2.9974	A	0.8
7	☐	10000.000	9946.762	203352563.64	5.8820	A	0.9
8	☐			53892.81	0.0017	P	13.1

$$y = 5.9135E-004 * x + 1.5134E-005$$

$$R = 0.9999$$

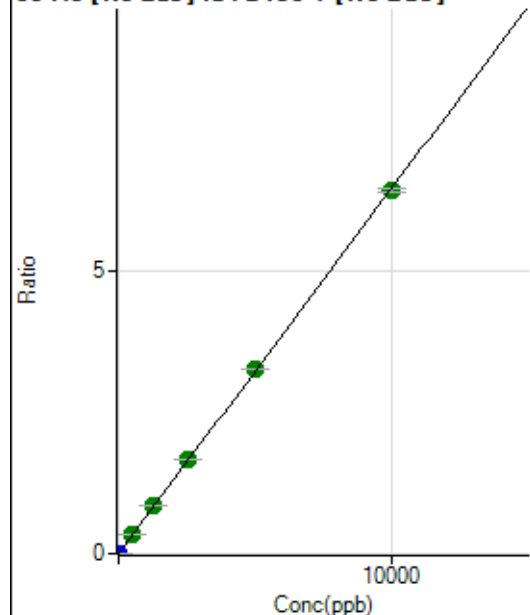
$$DL = 0.02155$$

$$BEC = 0.02559$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	732.25	0.0000	P	19.7
2	☐	5.000	5.114	119238.41	0.0033	P	6.6
3	☐	500.000	504.918	11038206.09	0.3253	A	1.7
4	☐	1250.000	1308.896	28050190.14	0.8431	A	0.4
5	☐	2500.000	2579.818	56644857.49	1.6618	A	1.9
6	☐	5000.000	5069.538	111621059.45	3.2656	A	0.3
7	☐	10000.000	9937.668	221303478.92	6.4014	A	1.0
8	☐			41214.40	0.0013	P	1.9

$$y = 6.4415E-004 * x + 2.0966E-005$$

$$R = 0.9999$$

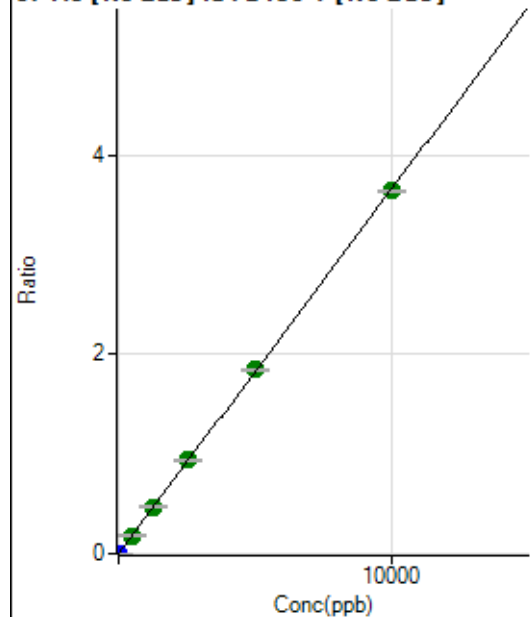
$$DL = 0.01923$$

$$BEC = 0.03255$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	376.68	0.0000	P	13.2
2	☐	5.000	5.031	66654.62	0.0019	P	6.5
3	☐	500.000	500.844	6224912.06	0.1834	A	1.6
4	☐	1250.000	1285.962	15665762.13	0.4709	A	2.2
5	☐	2500.000	2561.509	31977502.30	0.9381	A	0.9
6	☐	5000.000	5050.366	63216445.17	1.8495	A	1.0
7	☐	10000.000	9954.902	126033960.34	3.6456	A	0.4
8	☐			19059.85	0.0006	P	3.3

$$y = 3.6621E-004 * x + 1.0775E-005$$

$$R = 1.0000$$

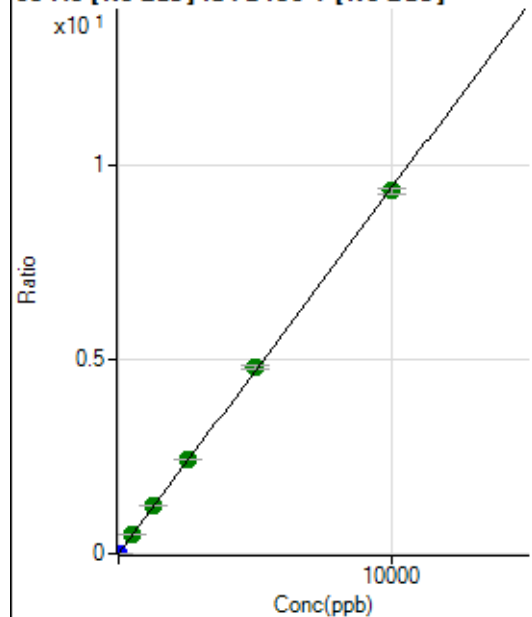
$$DL = 0.01169$$

$$BEC = 0.02942$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	803.37	0.0000	P	26.6
2	☐	5.000	5.036	171738.19	0.0048	P	5.5
3	☐	500.000	505.796	16190441.84	0.4771	A	1.9
4	☐	1250.000	1304.685	40932499.95	1.2306	A	2.3
5	☐	2500.000	2576.882	82861862.66	2.4306	A	0.5
6	☐	5000.000	5103.717	164535923.10	4.8139	A	1.3
7	☐	10000.000	9921.796	323528726.29	9.3583	A	1.3
8	☐			37235.57	0.0012	P	3.5

$$y = 9.4321E-004 * x + 2.3023E-005$$

$$R = 0.9999$$

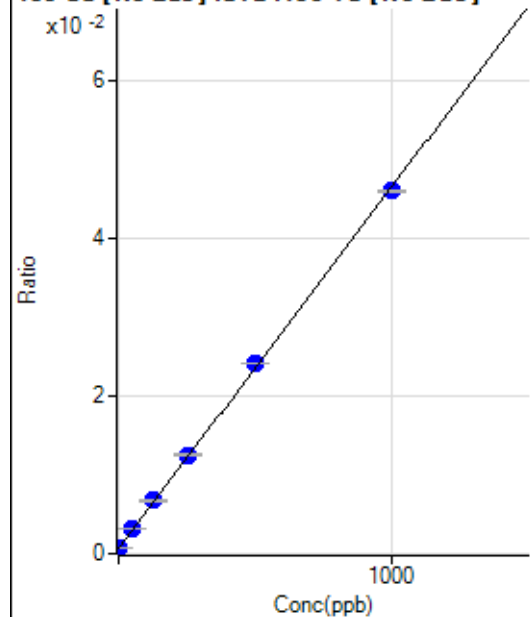
$$DL = 0.01949$$

$$BEC = 0.02441$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	14060.58	0.0006	P	1.4
2	☐	1.000	1.218	15709.09	0.0007	P	2.4
3	☐	50.000	53.810	68502.13	0.0031	P	2.3
4	☐	125.000	132.480	149950.25	0.0067	P	2.9
5	☐	250.000	259.532	288805.40	0.0126	P	1.2
6	☐	500.000	514.062	551031.28	0.0242	P	0.3
7	☐	1000.000	989.460	1053823.71	0.0461	P	0.6
8	☐			13397.71	0.0006	P	0.7

$$y = 4.5891\text{E-}005 * x + 6.4517\text{E-}004$$

$$R = 0.9998$$

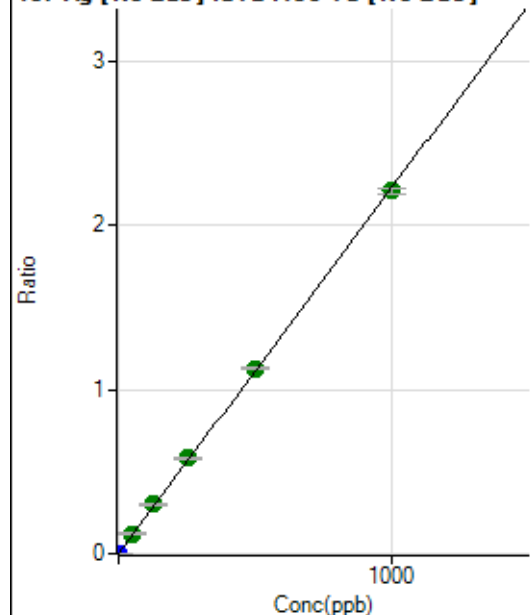
$$DL = 0.5993$$

$$BEC = 14.06$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	351.12	0.0000	P	7.3
2	☐	1.000	1.081	54169.17	0.0024	P	4.7
3	☐	50.000	55.173	2700008.16	0.1228	A	2.6
4	☐	125.000	135.369	6714981.43	0.3012	A	3.7
5	☐	250.000	260.590	13333912.44	0.5798	A	2.9
6	☐	500.000	506.970	25644295.45	1.1279	A	0.6
7	☐	1000.000	992.313	50517761.47	2.2077	A	1.5
8	☐			4336.29	0.0002	P	11.9

$$y = 0.0022 * x + 1.6113\text{E-}005$$

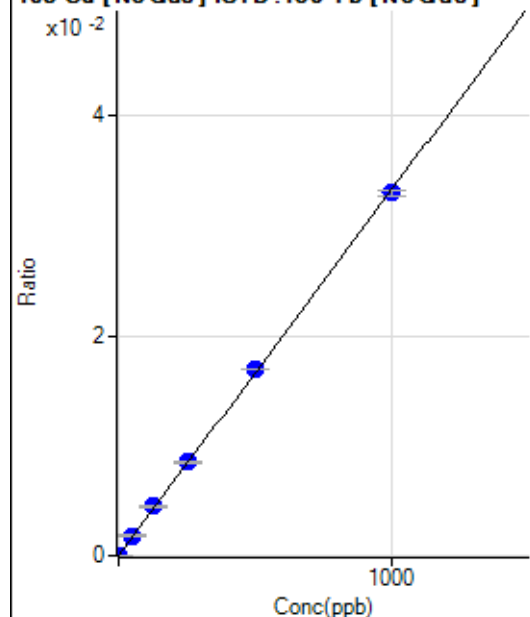
$$R = 0.9999$$

$$DL = 0.00159$$

$$BEC = 0.007242$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	47.78	0.0000	P	34.2
2	☐	1.000	1.091	862.26	0.0000	P	2.4
3	☐	50.000	54.611	39958.88	0.0018	P	2.3
4	☐	125.000	134.680	99828.94	0.0045	P	3.4
5	☐	250.000	256.166	195805.01	0.0085	P	3.1
6	☐	500.000	509.944	385294.10	0.0169	P	0.6
7	☐	1000.000	992.046	754312.61	0.0330	P	1.3
8	☐			331.12	0.0000	P	8.3

$$y = 3.3228\text{E-}005 * x + 2.2055\text{E-}006$$

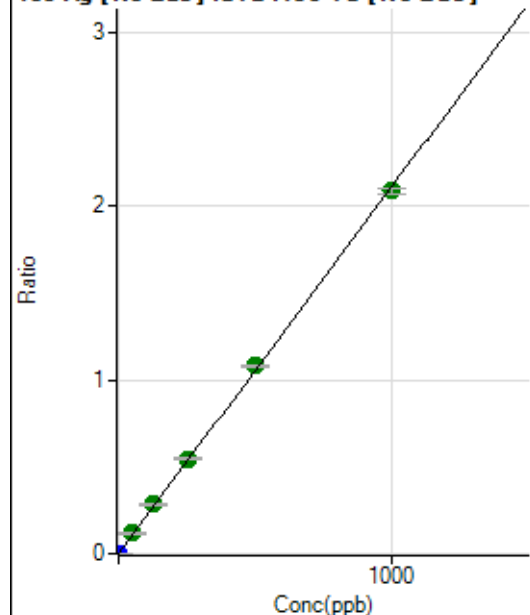
$$R = 0.9999$$

$$DL = 0.06804$$

$$BEC = 0.06637$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	223.34	0.0000	P	25.4
2	☐	1.000	1.075	50920.44	0.0023	P	6.3
3	☐	50.000	55.206	2561089.91	0.1164	A	0.9
4	☐	125.000	133.973	6298545.81	0.2825	A	3.9
5	☐	250.000	258.069	12516487.17	0.5442	A	2.0
6	☐	500.000	513.906	24638515.47	1.0837	A	1.1
7	☐	1000.000	989.648	47751764.29	2.0869	A	1.6
8	☐			4018.41	0.0002	P	9.8

$$y = 0.0021 * x + 1.0234\text{E-}005$$

$$R = 0.9998$$

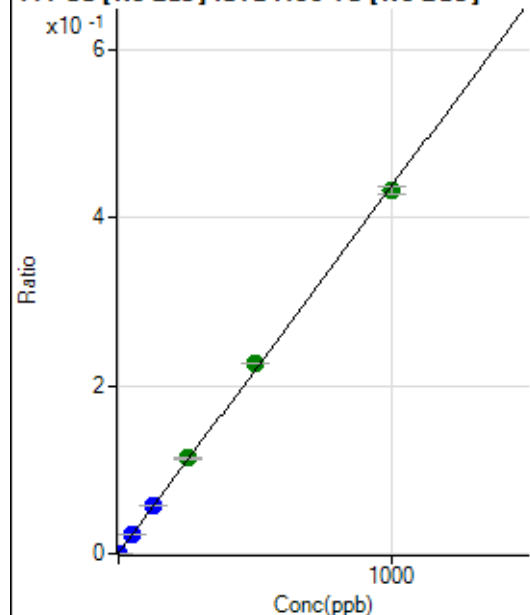
$$DL = 0.003701$$

$$BEC = 0.004853$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	10003.40	0.0005	P	1.4
2	☐	1.000	1.143	21451.75	0.0010	P	4.4
3	☐	50.000	52.326	513253.80	0.0233	P	2.5
4	☐	125.000	130.406	1281575.67	0.0575	P	3.0
5	☐	250.000	258.571	2610782.49	0.1135	A	1.9
6	☐	500.000	518.653	5166117.55	0.2272	A	0.6
7	☐	1000.000	987.739	9891652.34	0.4323	A	2.1
8	☐			10908.96	0.0005	P	0.5

$$y = 4.3722\text{E-}004 * x + 4.5898\text{E-}004$$

$$R = 0.9997$$

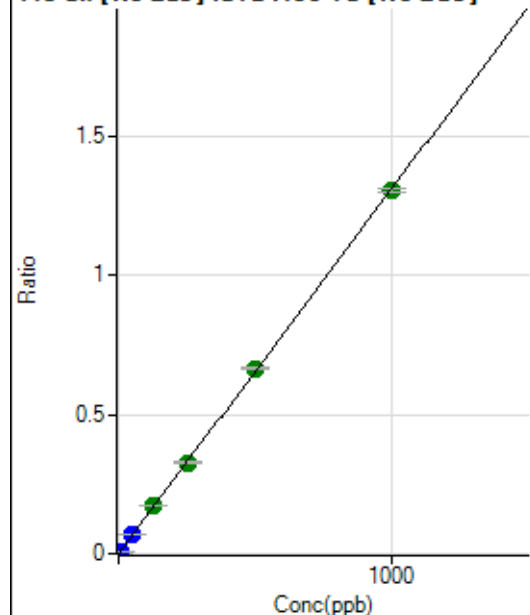
$$DL = 0.04306$$

$$BEC = 1.05$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3471.59	0.0002	P	2.4
2	☐	5.000	5.470	163668.64	0.0073	P	5.7
3	☐	50.000	50.994	1471203.24	0.0669	P	2.5
4	☐	125.000	131.989	3856135.67	0.1729	A	1.5
5	☐	250.000	249.469	7512917.87	0.3266	A	1.6
6	☐	500.000	508.021	15118854.50	0.6650	A	1.0
7	☐	1000.000	995.197	29806689.56	1.3025	A	0.9
8	☐			6948.51	0.0003	P	2.0

$$y = 0.0013 * x + 1.5934\text{E-}004$$

$$R = 0.9999$$

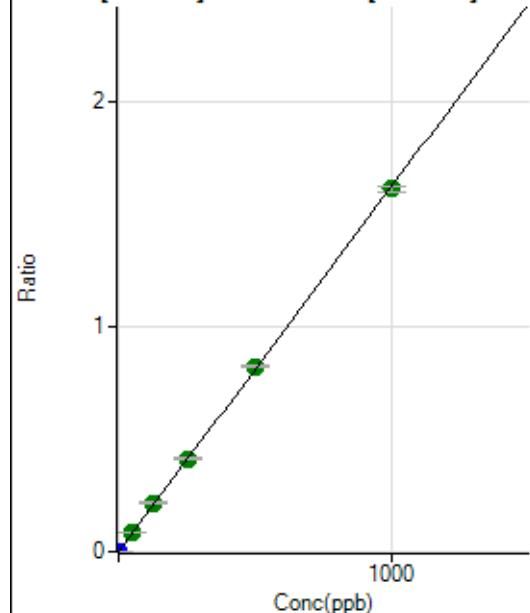
$$DL = 0.008826$$

$$BEC = 0.1218$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	124.45	0.0000	P	25.8
2	☐	2.000	2.142	77988.50	0.0035	P	5.5
3	☐	50.000	51.875	1854387.52	0.0843	A	2.5
4	☐	125.000	133.375	4834014.41	0.2168	A	2.5
5	☐	250.000	254.772	9525132.15	0.4141	A	0.6
6	☐	500.000	507.933	18769310.28	0.8255	A	0.5
7	☐	1000.000	993.700	36952852.23	1.6150	A	1.7
8	☐			12480.21	0.0006	P	2.9

$$y = 0.0016 * x + 5.7402E-006$$

$$R = 0.9999$$

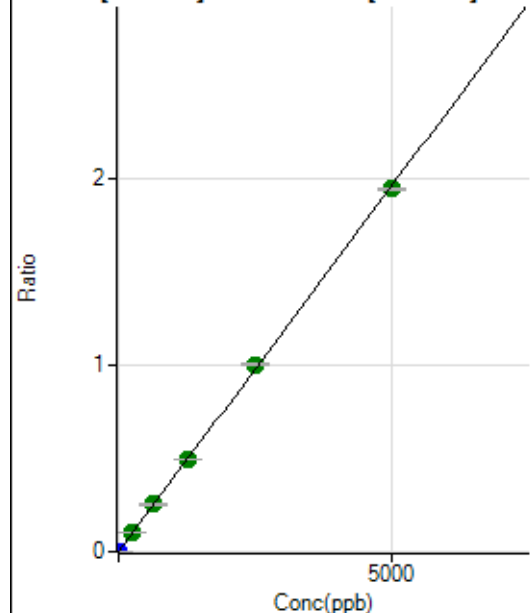
$$DL = 0.002739$$

$$BEC = 0.003532$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	417.79	0.0000	P	18.2
2	☐	10.000	10.419	91808.34	0.0041	P	6.4
3	☐	250.000	257.037	2217962.21	0.1008	A	2.3
4	☐	625.000	654.499	5723964.78	0.2568	A	4.4
5	☐	1250.000	1260.129	11371614.97	0.4943	A	1.4
6	☐	2500.000	2558.903	22821408.83	1.0038	A	1.3
7	☐	5000.000	4963.976	44560957.11	1.9472	A	0.7
8	☐			16034.04	0.0008	P	1.1

$$y = 3.9227E-004 * x + 1.9239E-005$$

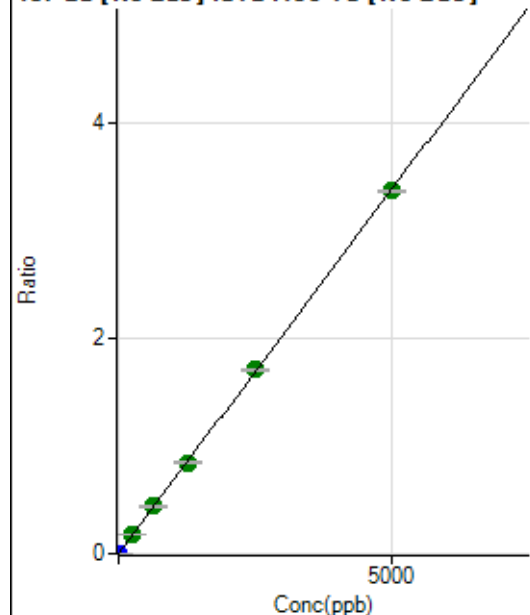
$$R = 0.9999$$

$$DL = 0.02685$$

$$BEC = 0.04905$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	665.58	0.0000	P	20.3
2	☐	10.000	10.537	159985.95	0.0072	P	6.1
3	☐	250.000	260.099	3868334.84	0.1759	A	2.2
4	☐	625.000	649.667	9794598.33	0.4393	A	3.0
5	☐	1250.000	1249.843	19438569.57	0.8450	A	1.5
6	☐	2500.000	2526.025	38829187.20	1.7079	A	0.8
7	☐	5000.000	4983.438	77099498.30	3.3693	A	0.6
8	☐			27526.91	0.0013	P	0.5

$$y = 6.7610E-004 * x + 3.0618E-005$$

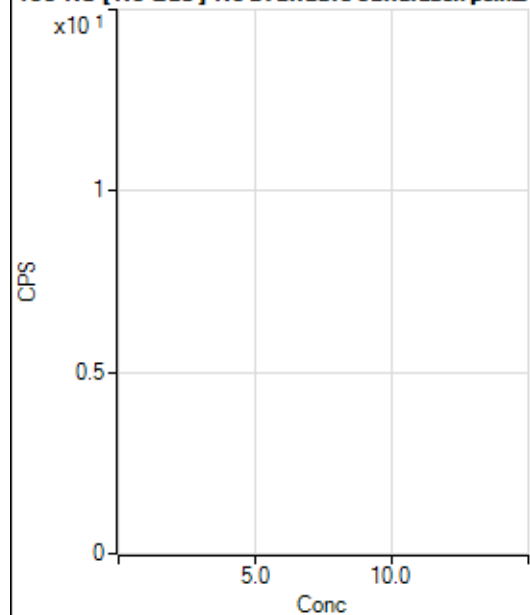
$$R = 1.0000$$

$$DL = 0.02758$$

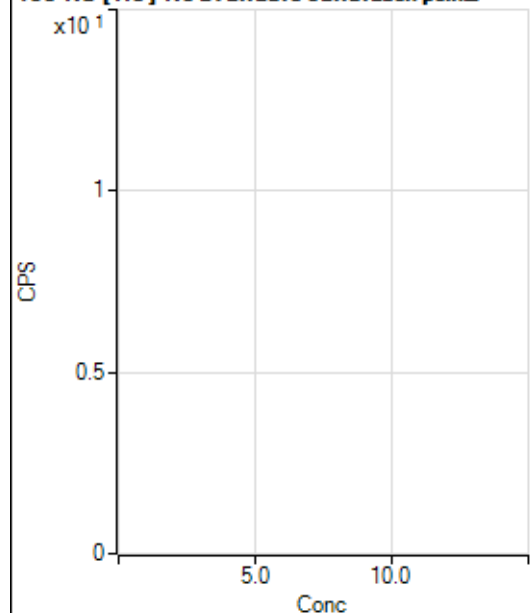
$$BEC = 0.04529$$

Weight: <None>

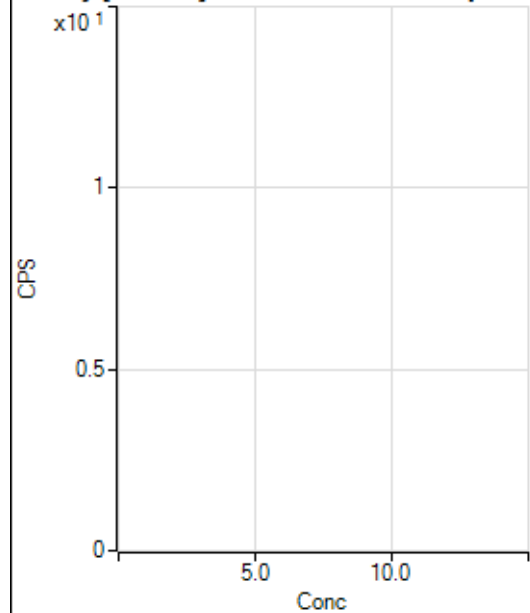
Min Conc: 0

150 Nd [No Gas] No available calibration points

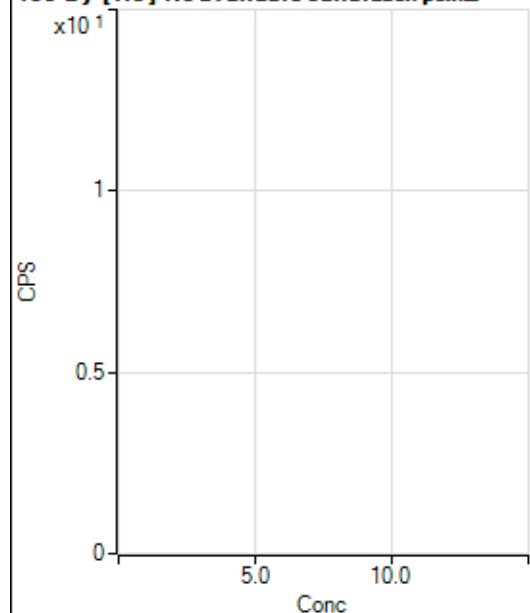
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			20.00		P	57.7
2	☐			25.56		P	60.2
3	☐			154.45		P	6.9
4	☐			333.34		P	3.6
5	☐			672.25		P	6.4
6	☐			1390.09		P	3.6
7	☐			2615.84		P	1.7
8	☐			650.02		P	8.9

150 Nd [He] No available calibration points

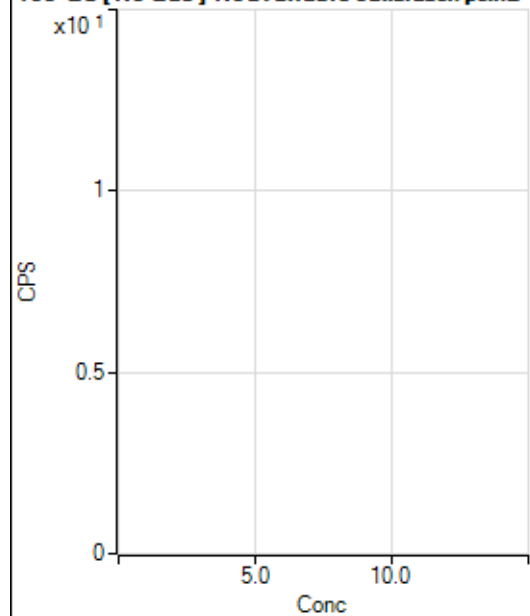
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	86.6
2	☐			5.56		P	91.6
3	☐			6.66		P	86.6
4	☐			13.34		P	43.3
5	☐			32.22		P	12.0
6	☐			75.56		P	15.5
7	☐			138.89		P	5.5
8	☐			224.45		P	9.5

156 Dy [No Gas] No available calibration points

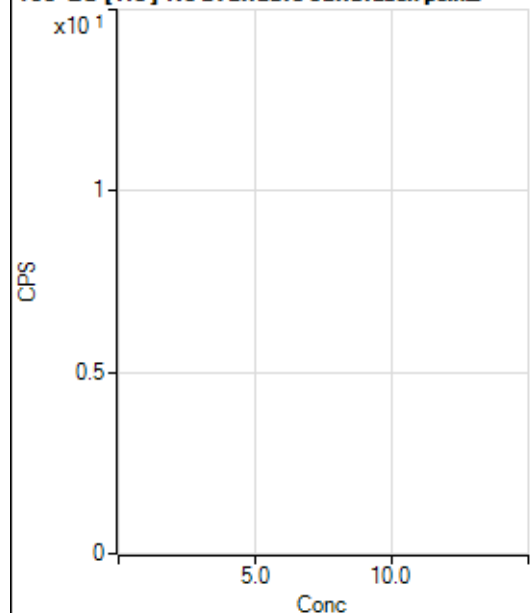
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			27.78		P	61.6
2	☐			54.44		P	3.5
3	☐			75.56		P	25.1
4	☐			133.34		P	13.9
5	☐			241.11		P	4.2
6	☐			430.01		P	4.1
7	☐			762.25		P	12.3
8	☐			1062.28		P	6.7

156 Dy [He] No available calibration points

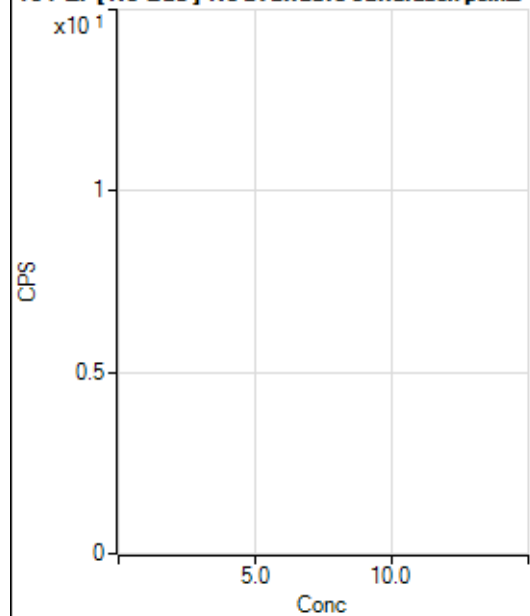
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.89		P	21.6
2	☐			15.55		P	44.6
3	☐			21.11		P	50.8
4	☐			26.67		P	25.0
5	☐			46.66		P	12.4
6	☐			85.56		P	2.3
7	☐			138.89		P	16.3
8	☐			428.90		P	12.3

160 Gd [No Gas] Noavailable calibration poin_

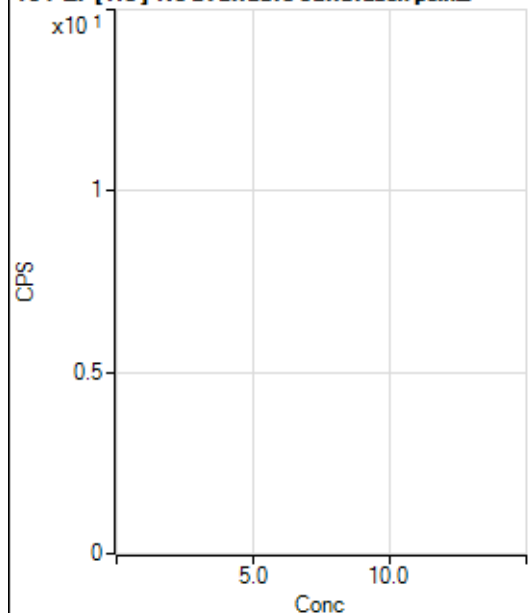
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			234.45		P	13.7
2	☐			242.23		P	14.3
3	☐			241.12		P	12.5
4	☐			275.56		P	6.1
5	☐			288.89		P	14.3
6	☐			380.01		P	7.9
7	☐			504.46		P	8.6
8	☐			1181.18		P	8.5

160 Gd [He] No available calibration points

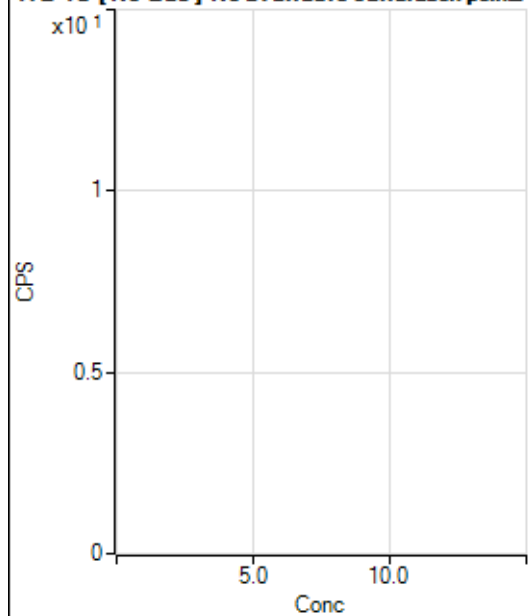
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			64.45		P	6.0
2	☐			48.89		P	7.9
3	☐			52.22		P	26.6
4	☐			45.55		P	15.2
5	☐			90.00		P	13.4
6	☐			96.67		P	13.8
7	☐			147.78		P	28.7
8	☐			623.35		P	13.0

164 Er [No Gas] No available calibration points

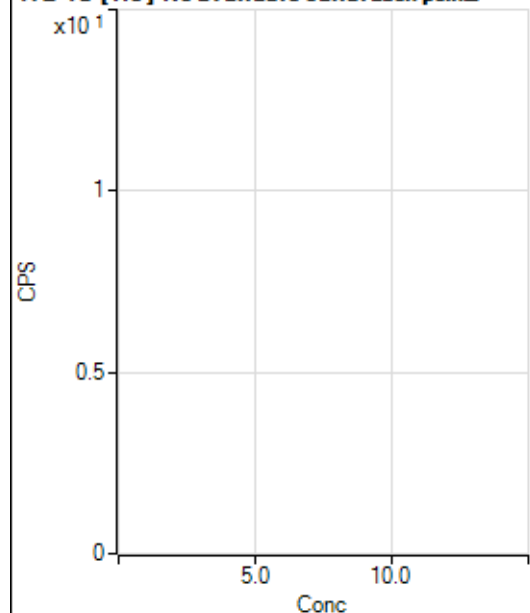
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			128.89		P	13.0
2	☐			153.34		P	11.5
3	☐			160.00		P	15.0
4	☐			188.89		P	22.7
5	☐			245.56		P	12.2
6	☐			332.23		P	4.1
7	☐			510.02		P	8.3
8	☐			1364.53		P	4.7

164 Er [He] No available calibration points

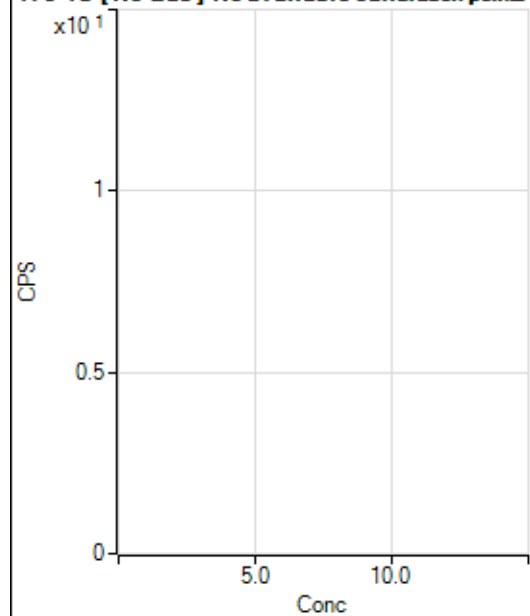
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			61.11		P	22.0
2	☐			41.11		P	18.7
3	☐			57.78		P	13.3
4	☐			74.44		P	11.3
5	☐			94.45		P	35.7
6	☐			122.22		P	6.9
7	☐			181.11		P	15.3
8	☐			617.80		P	4.7

172 Yb [No Gas] No available calibration points

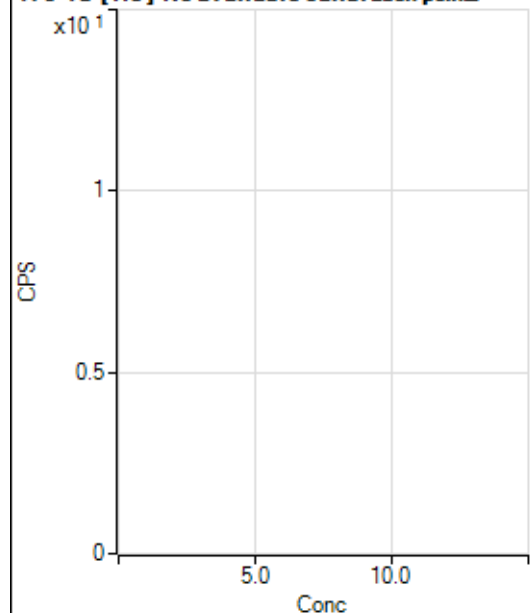
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			75.56		P	13.5
2	☐			72.22		P	22.8
3	☐			98.89		P	31.9
4	☐			155.56		P	19.9
5	☐			195.56		P	37.7
6	☐			322.23		P	13.1
7	☐			517.79		P	13.1
8	☐			2133.53		P	7.6

172 Yb [He] No available calibration points

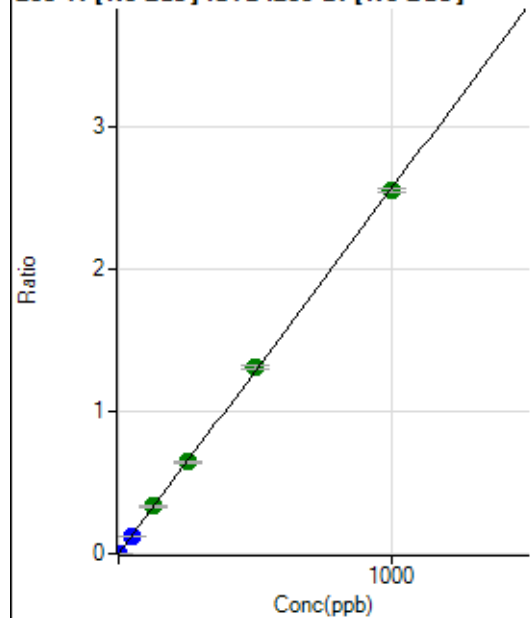
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			34.45		P	39.1
2	☐			36.67		P	9.1
3	☐			41.11		P	4.7
4	☐			67.78		P	7.5
5	☐			105.56		P	3.6
6	☐			144.45		P	11.4
7	☐			276.67		P	7.3
8	☐			1102.28		P	2.5

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4216.29		P	4.5
2	☐			4326.31		P	6.1
3	☐			11175.94		P	2.6
4	☐			22704.02		P	0.6
5	☐			41820.45		P	2.2
6	☐			78521.93		P	0.8
7	☐			152521.29		P	1.3
8	☐			5239.99		P	1.5

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			966.71		P	5.2
2	☐			866.71		P	7.0
3	☐			4050.66		P	1.5
4	☐			8889.77		P	1.0
5	☐			17180.21		P	1.0
6	☐			34160.74		P	0.7
7	☐			66415.91		P	0.1
8	☐			1508.99		P	5.0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	798.92	0.0001	P	9.3
2	☐	1.000	0.954	31493.75	0.0025	P	3.6
3	☐	50.000	48.205	1516501.68	0.1239	P	1.6
4	☐	125.000	130.724	4170619.31	0.3359	A	2.9
5	☐	250.000	250.283	8286034.39	0.6430	A	1.3
6	☐	500.000	512.016	16244485.18	1.3154	A	2.3
7	☐	1000.000	993.296	31094615.93	2.5517	A	1.0
8	☐			3217.11	0.0003	P	11.5

$$y = 0.0026 * x + 6.6858E-005$$

$$R = 0.9999$$

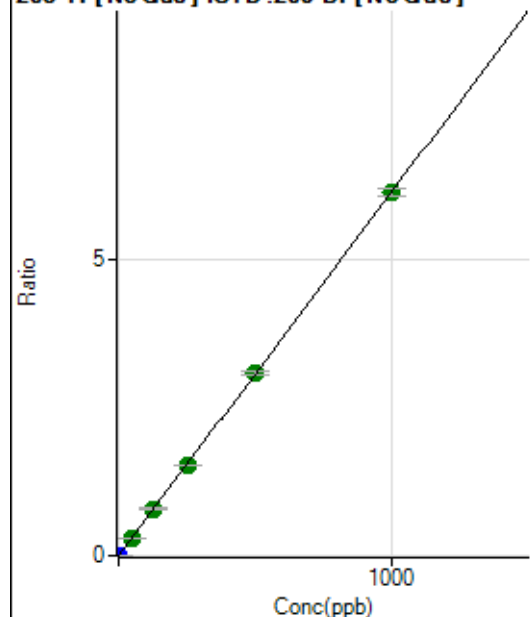
$$DL = 0.007262$$

$$BEC = 0.02603$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1877.93	0.0002	P	12.0
2	☐	1.000	0.959	75655.74	0.0060	P	4.0
3	☐	50.000	48.914	3680408.45	0.3006	A	1.0
4	☐	125.000	128.296	9788389.02	0.7883	A	2.4
5	☐	250.000	249.444	19747511.79	1.5325	A	0.6
6	☐	500.000	503.265	38181005.26	3.0917	A	2.3
7	☐	1000.000	998.149	74723899.44	6.1317	A	2.0
8	☐			7588.98	0.0008	P	10.5

$$y = 0.0061 * x + 1.5727E-004$$

$$R = 1.0000$$

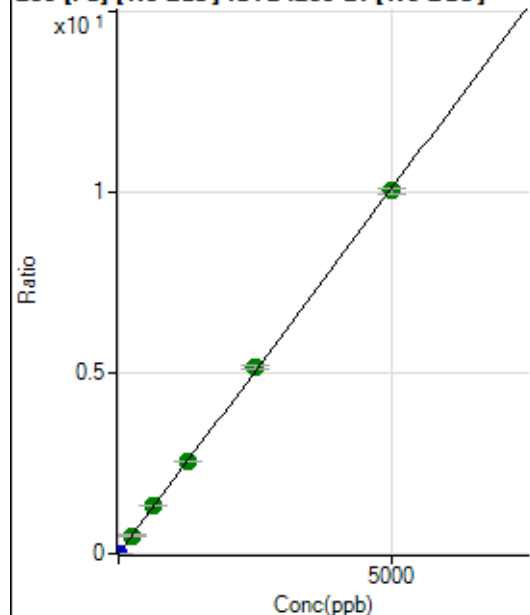
$$DL = 0.009249$$

$$BEC = 0.0256$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1674.57	0.0001	P	15.9
2	☐	1.000	0.949	25774.58	0.0021	P	4.1
3	☐	250.000	249.179	6172351.23	0.5043	A	1.7
4	☐	625.000	652.509	16397268.78	1.3204	A	2.2
5	☐	1250.000	1261.320	32890161.45	2.5523	A	0.1
6	☐	2500.000	2551.293	63752365.72	5.1625	A	2.5
7	☐	5000.000	4968.126	122503639.29	10.0527	A	1.7
8	☐			48258.29	0.0049	P	0.4

$$y = 0.0020 * x + 1.4033E-004$$

$$R = 0.9999$$

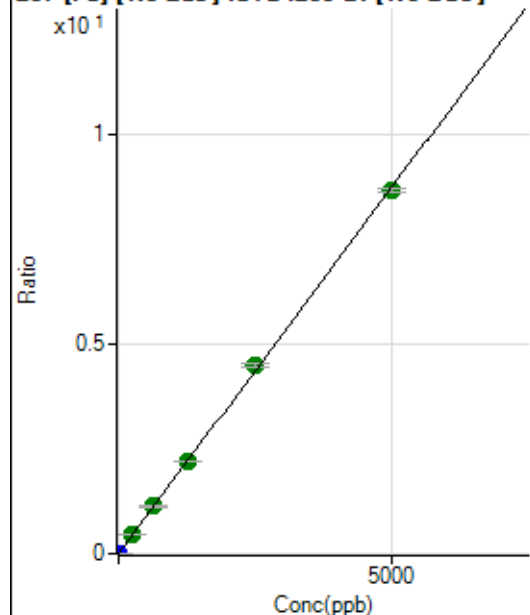
$$DL = 0.033$$

$$BEC = 0.06935$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1387.87	0.0001	P	21.0
2	☐	1.000	0.964	22490.72	0.0018	P	4.2
3	☐	250.000	255.726	5458308.39	0.4460	A	2.4
4	☐	625.000	652.781	14135300.90	1.1384	A	2.9
5	☐	1250.000	1261.680	28353588.75	2.2002	A	1.7
6	☐	2500.000	2574.678	55452188.06	4.4898	A	2.1
7	☐	5000.000	4955.982	105309758.43	8.6422	A	1.1
8	☐			42001.15	0.0042	P	0.6

$$y = 0.0017 * x + 1.1641E-004$$

$$R = 0.9998$$

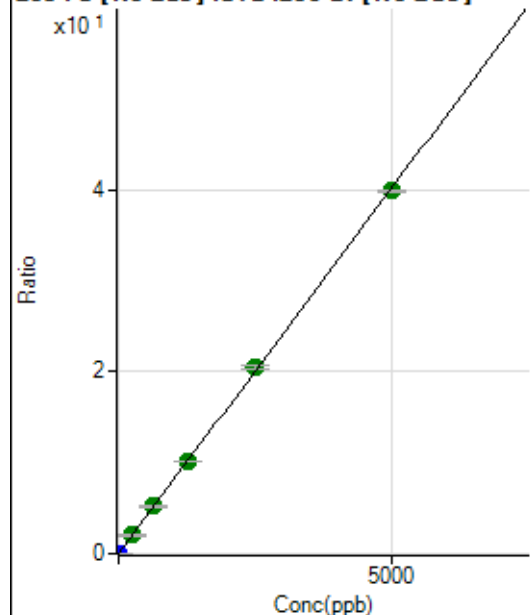
$$DL = 0.04208$$

$$BEC = 0.06676$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	6478.49	0.0005	P	15.7
2	☐	1.000	0.964	103576.23	0.0083	P	4.3
3	☐	250.000	251.318	24678300.26	2.0167	A	2.7
4	☐	625.000	652.191	64971034.45	5.2326	A	2.7
5	☐	1250.000	1267.203	131008973.60	10.1664	A	1.0
6	☐	2500.000	2552.964	252958215.12	20.4812	A	1.7
7	☐	5000.000	4965.752	485449962.77	39.8372	A	0.6
8	☐			192385.37	0.0194	P	0.7

$$y = 0.0080 * x + 5.4289E-004$$

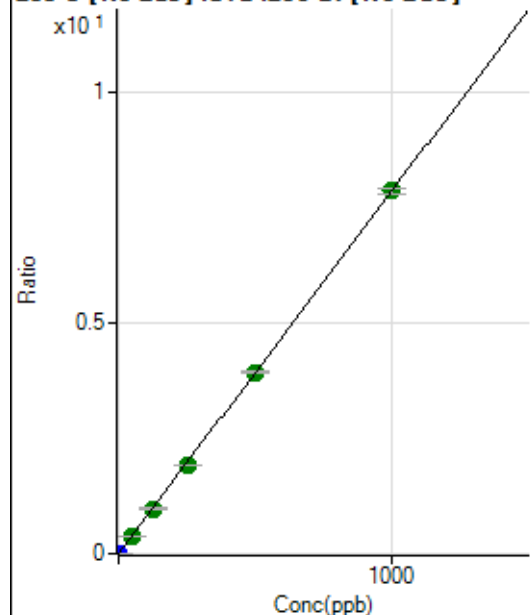
$$R = 0.9999$$

$$DL = 0.03187$$

$$BEC = 0.06767$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1931.29	0.0002	P	6.7
2	☐	1.000	0.952	95464.06	0.0076	P	4.0
3	☐	50.000	48.272	4635156.74	0.3788	A	2.2
4	☐	125.000	124.404	12116607.88	0.9759	A	2.8
5	☐	250.000	244.377	24701465.46	1.9168	A	1.3
6	☐	500.000	499.983	48436267.61	3.9215	A	1.3
7	☐	1000.000	1001.575	95733400.80	7.8555	A	1.4
8	☐			4785.40	0.0005	P	3.2

$$y = 0.0078 * x + 1.6159E-004$$

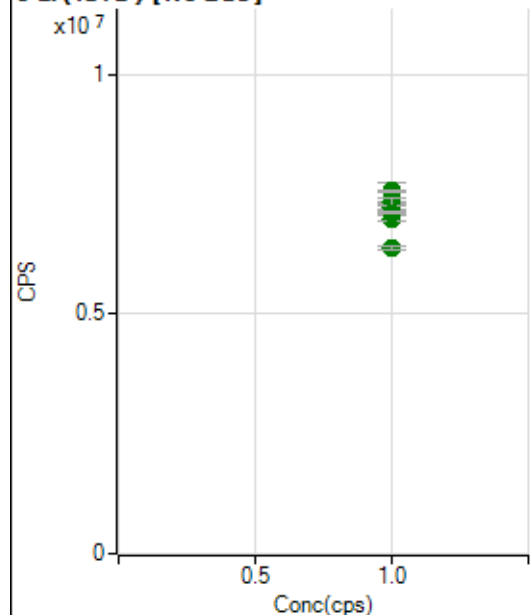
$$R = 1.0000$$

$$DL = 0.00412$$

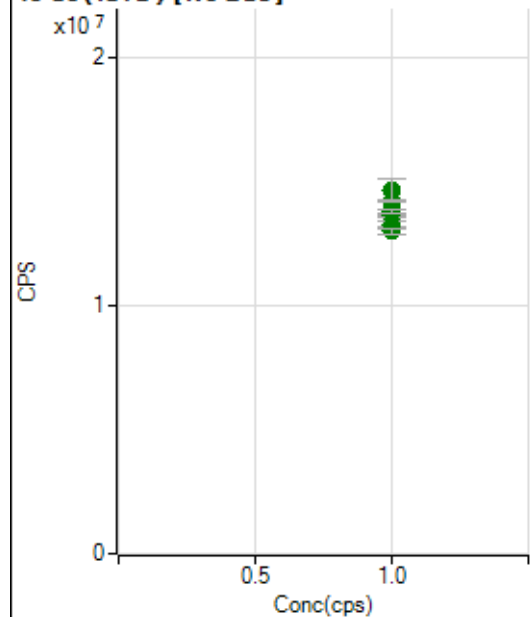
$$BEC = 0.0206$$

Weight: <None>

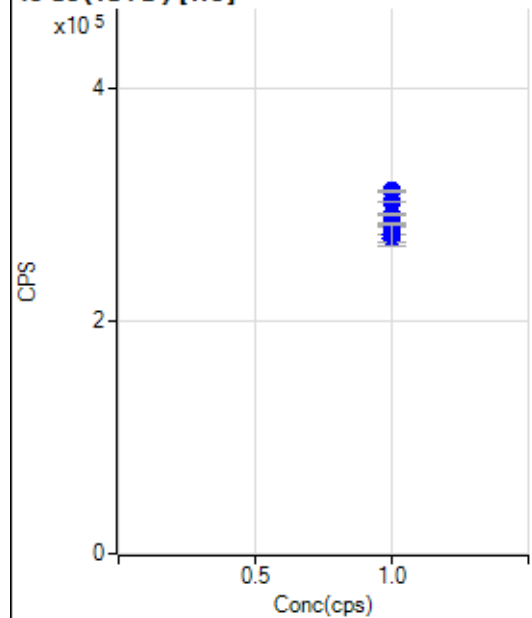
Min Conc: 0

6 Li (ISTD) [No Gas]

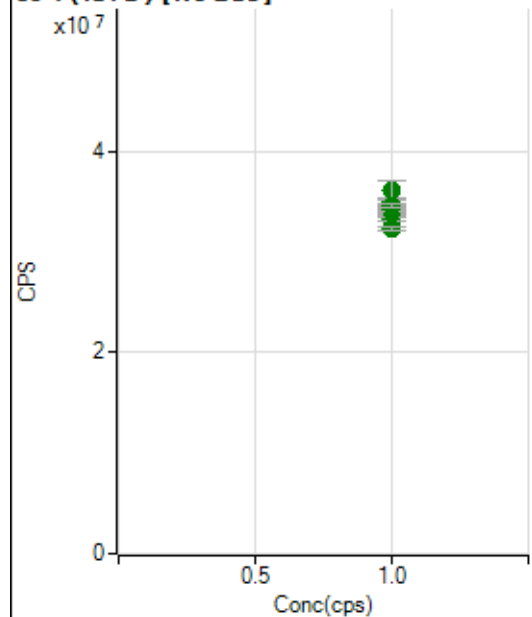
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		7209965.85		A	2.6
2	☐	1.000		7526367.29		A	5.6
3	☐	1.000		7566421.35		A	0.8
4	☐	1.000		7254457.53		A	2.0
5	☐	1.000		7337041.84		A	2.0
6	☐	1.000		6990080.83		A	2.0
7	☐	1.000		7117876.74		A	0.8
8	☐	1.000		6370782.26		A	1.3

45 Sc (ISTD) [No Gas]

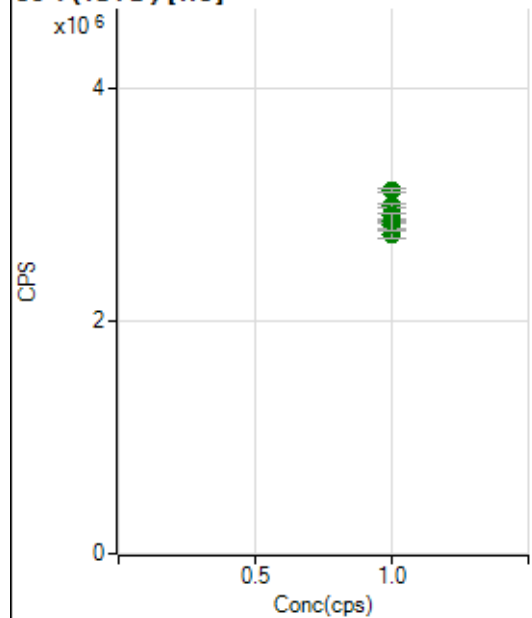
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		14235659.93		A	0.8
2	☐	1.000		14645351.87		A	6.3
3	☐	1.000		13830777.16		A	1.2
4	☐	1.000		13300007.86		A	1.7
5	☐	1.000		13654575.91		A	0.4
6	☐	1.000		13657125.63		A	0.7
7	☐	1.000		13804859.79		A	1.1
8	☐	1.000		13003590.08		A	1.9

45 Sc (ISTD) [He]

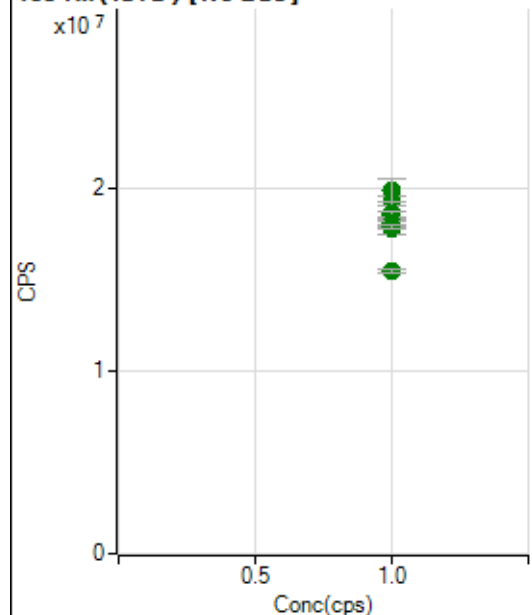
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		311994.11		P	0.5
2	☐	1.000		302635.37		P	0.4
3	☐	1.000		284144.46		P	0.5
4	☐	1.000		271218.23		P	2.9
5	☐	1.000		280545.12		P	0.2
6	☐	1.000		284037.13		P	0.7
7	☐	1.000		291423.62		P	0.4
8	☐	1.000		275025.09		P	7.2

89 Y (ISTD) [No Gas]

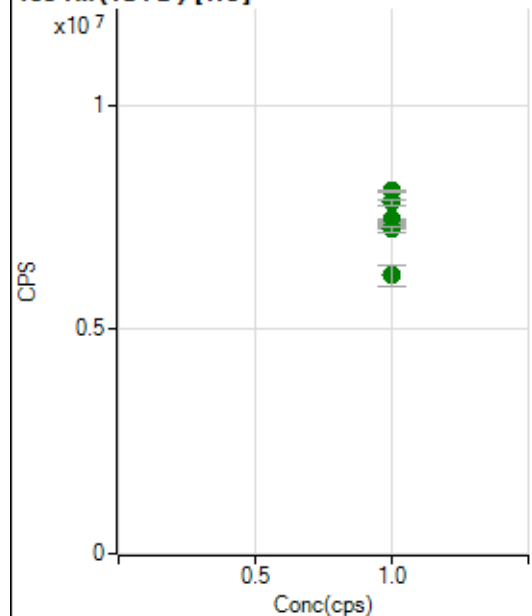
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		35025121.14		A	2.3
2	☐	1.000		36051458.63		A	5.4
3	☐	1.000		33943969.22		A	2.0
4	☐	1.000		33269116.72		A	1.5
5	☐	1.000		34091215.32		A	1.2
6	☐	1.000		34181905.88		A	1.0
7	☐	1.000		34572438.93		A	0.8
8	☐	1.000		32292827.85		A	1.8

89 Y (ISTD) [He]

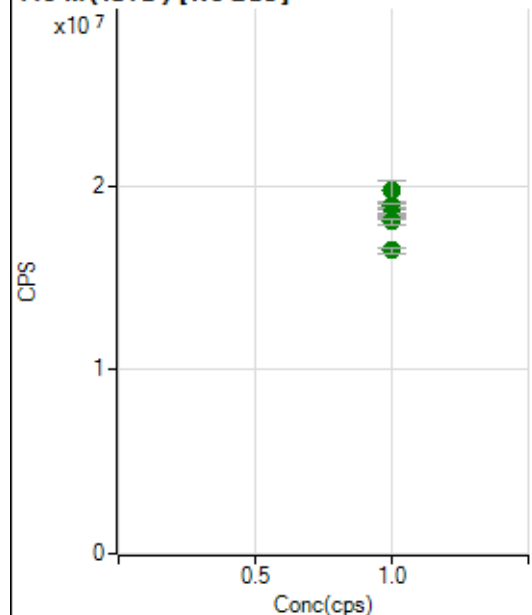
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3122003.39		A	1.0
2	☐	1.000		2992572.32		A	0.8
3	☐	1.000		2849863.05		A	0.7
4	☐	1.000		2749174.75		A	2.8
5	☐	1.000		2833544.06		A	2.2
6	☐	1.000		2872246.90		A	0.7
7	☐	1.000		2904185.65		A	1.5
8	☐	1.000		2854906.97		A	5.6

103 Rh (ISTD) [No Gas]

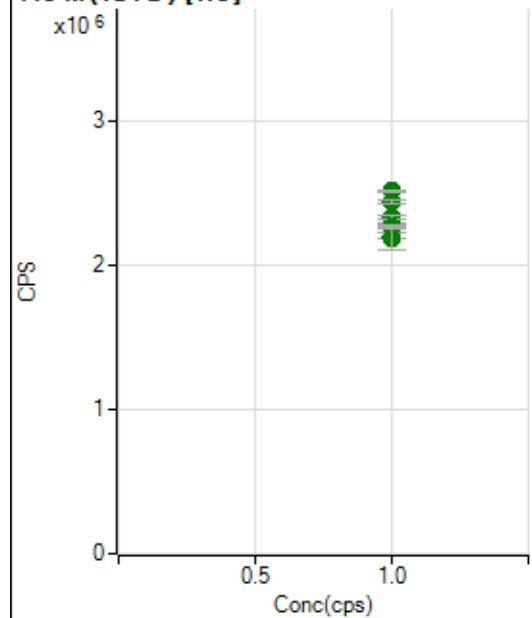
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		19278287.35		A	2.7
2	☐	1.000		19838240.82		A	6.4
3	☐	1.000		18528635.97		A	2.3
4	☐	1.000		17749486.54		A	2.7
5	☐	1.000		18568712.22		A	1.3
6	☐	1.000		18048168.62		A	1.3
7	☐	1.000		17886537.79		A	1.0
8	☐	1.000		15434039.91		A	1.6

103 Rh (ISTD) [He]

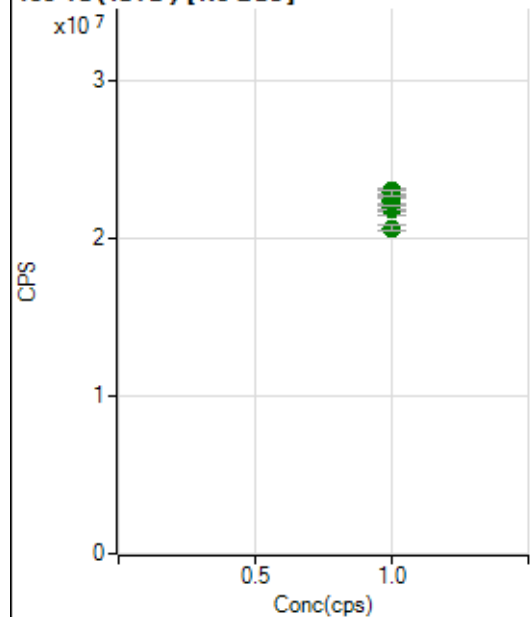
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		8090992.45		A	0.8
2	☐	1.000		7836233.36		A	1.6
3	☐	1.000		7448651.21		A	0.5
4	☐	1.000		7364246.77		A	3.0
5	☐	1.000		7373564.13		A	0.2
6	☐	1.000		7352665.86		A	0.9
7	☐	1.000		7228232.46		A	1.3
8	☐	1.000		6202696.50		A	7.5

115 In (ISTD) [No Gas]

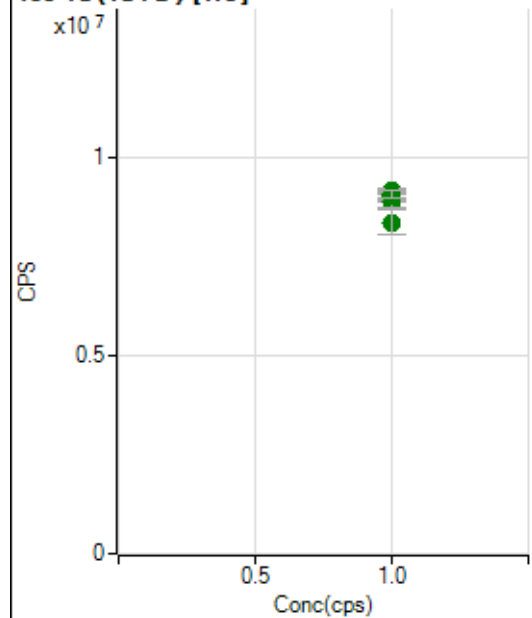
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		18957469.60		A	1.9
2	☐	1.000		19716958.45		A	5.7
3	☐	1.000		18867585.75		A	1.1
4	☐	1.000		18425477.64		A	2.6
5	☐	1.000		18387698.99		A	1.5
6	☐	1.000		18478079.92		A	0.6
7	☐	1.000		18039866.71		A	1.4
8	☐	1.000		16467396.56		A	2.2

115 In (ISTD) [He]

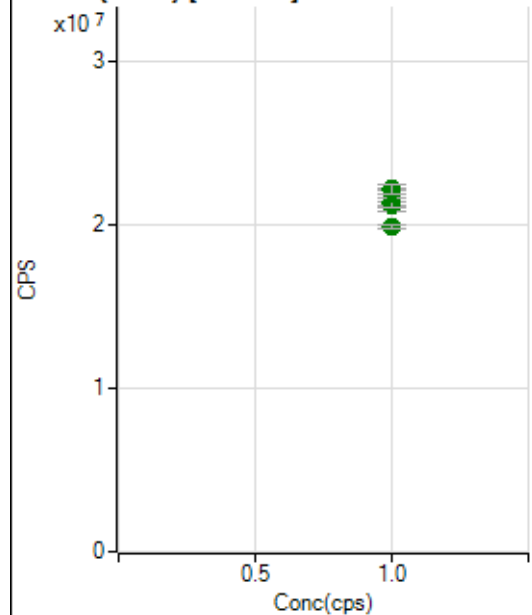
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		2515258.70		A	0.3
2	☐	1.000		2439570.88		A	1.2
3	☐	1.000		2330765.41		A	1.0
4	☐	1.000		2257095.63		A	2.8
5	☐	1.000		2272200.93		A	0.6
6	☐	1.000		2271458.76		A	0.4
7	☐	1.000		2202618.27		A	1.8
8	☐	1.000		2181305.45		A	6.7

159 Tb (ISTD) [No Gas]

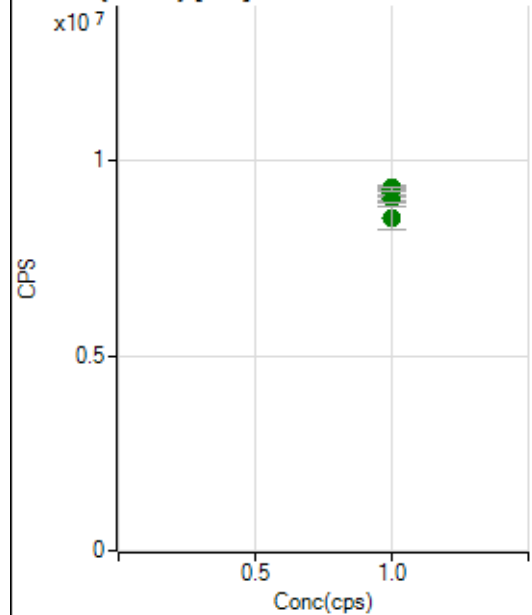
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		21796361.21		A	3.2
2	☐	1.000		22413167.72		A	5.8
3	☐	1.000		21999813.84		A	1.9
4	☐	1.000		22309020.22		A	2.6
5	☐	1.000		23004237.99		A	1.4
6	☐	1.000		22735901.05		A	0.4
7	☐	1.000		22884031.32		A	1.4
8	☐	1.000		20641782.47		A	1.5

159 Tb (ISTD) [He]

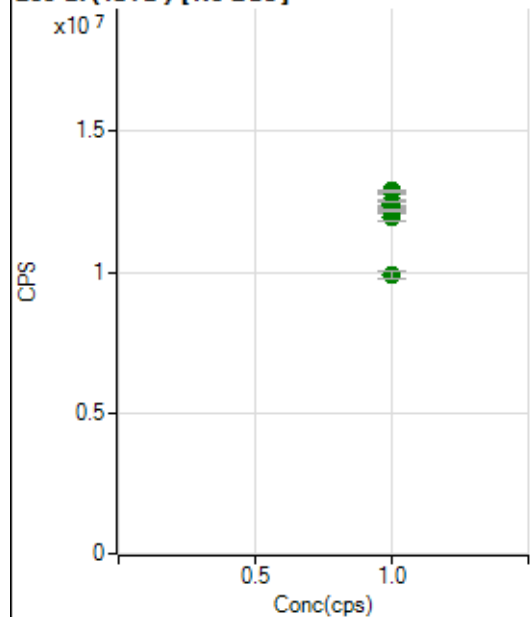
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		9171977.02		A	1.0
2	☐	1.000		8981249.17		A	2.0
3	☐	1.000		8918395.07		A	0.8
4	☐	1.000		8880638.83		A	2.8
5	☐	1.000		9058544.03		A	1.4
6	☐	1.000		9114104.80		A	0.3
7	☐	1.000		9093191.95		A	1.7
8	☐	1.000		8384168.35		A	7.1

165 Ho (ISTD) [No Gas]

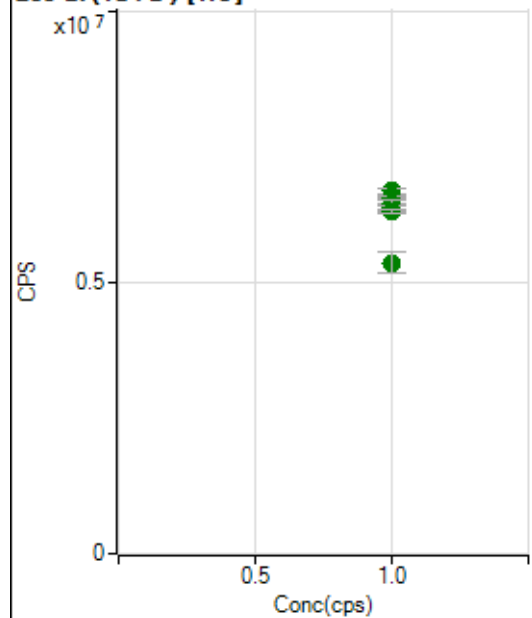
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		21146080.24		A	2.4
2	☐	1.000		21706955.51		A	4.8
3	☐	1.000		21337674.82		A	1.0
4	☐	1.000		21476975.51		A	3.6
5	☐	1.000		21855629.12		A	2.2
6	☐	1.000		22099530.51		A	1.7
7	☐	1.000		22221512.17		A	2.4
8	☐	1.000		19859345.95		A	1.3

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		9310583.54		A	1.7
2	☐	1.000		9047732.64		A	1.7
3	☐	1.000		9049893.75		A	1.0
4	☐	1.000		9009681.05		A	1.5
5	☐	1.000		9186165.00		A	0.8
6	☐	1.000		9217985.35		A	1.4
7	☐	1.000		9276786.60		A	1.3
8	☐	1.000		8538267.16		A	6.8

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		11964220.52		A	2.5
2	☐	1.000		12526245.09		A	3.8
3	☐	1.000		12240854.54		A	1.8
4	☐	1.000		12422684.54		A	2.8
5	☐	1.000		12886361.20		A	0.8
6	☐	1.000		12353926.90		A	2.4
7	☐	1.000		12186077.60		A	0.6
8	☐	1.000		9902667.84		A	3.4

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		6679788.30		A	1.9
2	☐	1.000		6503726.36		A	1.7
3	☐	1.000		6585528.51		A	0.8
4	☐	1.000		6374117.27		A	2.5
5	☐	1.000		6549877.33		A	0.6
6	☐	1.000		6451129.76		A	1.4
7	☐	1.000		6305830.53		A	0.7
8	☐	1.000		5351273.74		A	7.4

US EPA Tune Check Report

Operator Name Jaswal

Acq/Data Batch D:\Agilent\ICPMH\1\DATA\P8031725MS-2.b

Acq. Date-Time 2025-03-17 14:33:27

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		61079	610791.85			0.660	5.000
24		1103206	11032062.74			0.576	5.000
25		156276	1562761.76			0.889	5.000
26		178782	1787821.09			0.758	5.000
59		391954	3919535.28			0.648	5.000
113		42755	427550.51			0.586	5.000
115		534800	5348002.23			0.934	5.000
206		105751	1057507.73			1.535	5.000
207		87080	870797.61			1.018	5.000
208		222411	2224106.31			0.891	5.000
220		1	11.70			21.495	

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

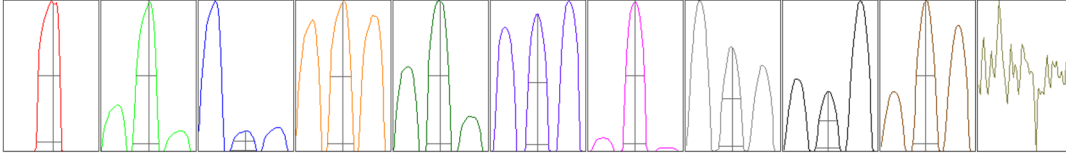
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	60468	60980	61102	61543	61302
24	1107105	1101509	1099488	1095944	1111984
25	157763	157604	154604	156094	155316
26	180726	178998	177157	179121	177908
59	389178	393345	391913	395416	389915
113	42992	42944	42868	42505	42466
115	534533	543063	531479	530278	534648
206	103895	106354	104782	105571	108152
207	85615	87291	86966	87829	87697
208	220111	221812	221215	224808	224107

US EPA Tune Check Report

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

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	92716.42	9.10	8.90 - 9.10	
24	1872382.13	24.05	23.90 - 24.10	
25	249539.64	25.00	24.90 - 25.10	
26	289000.06	26.00	25.90 - 26.10	
59	644193.73	59.00	58.90 - 59.10	
113	79101.31	113.00	112.90 - 113.10	
115	977174.80	115.00	114.90 - 115.10	
206	193451.34	206.00	205.90 - 206.10	
207	161391.19	206.95	206.90 - 207.10	
208	404027.38	207.95	207.90 - 208.10	
220			-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.69	0.790	0.900	
24	0.63	0.826	0.900	
25	0.67	0.824	0.900	
26	0.66	0.829	0.900	
59	0.64	0.786	0.900	
113	0.57	0.729	0.900	
115	0.58	0.732	0.900	
206	0.58	0.778	0.900	
207	0.57	0.762	0.900	
208	0.58	0.807	0.900	
220	0.48			

Integration Time [sec] 0.1

Acquisition Time [sec] 256.770000000002

Y Axis Linear

Tune Parameters

Plasma Parameters

Plasma Mode --- Nebulizer Gas 0.78 L/min Dilution Gas 0.40 L/min

US EPA Tune Check Report

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

Lens Parameters

Extract 1	-6.0 V	Omega Lens	8.9 V	Deflect	16.4 V
Extract 2	-200.0 V	Cell Entrance	-30 V	Plate Bias	-50 V
Omega Bias	-90 V	Cell Exit	-50 V		

Cell Parameters

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

QP Parameters

Mass Gain	106	Axis Gain	0.9964	QP Bias	-4.0 V
Mass Offset	125	Axis Offset	0.05		

Hardware Settings

Torch

Torch H	-0.4 mm	Torch V	1.5 mm
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EM

Discriminator	4.0 mV	Analog HV	2226 V	Pulse HV	1140 V
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[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		73717	737170.06			0.287	
89		175315	1753147.80			0.618	
205		77713	777127.50			0.469	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	74076	73682	73682	73520	73625
89	176783	174060	174643	175995	175093
205	77588	78097	77396	77377	78105

Integration Time [sec] 0.1

Tune Parameters

Plasma Parameters

Plasma Mode	---	Nebulizer Gas	0.78 L/min	Dilution Gas	0.40 L/min
RF Power	1600 W	Option Gas	---	Auxiliary Gas	0.90 L/min
RF Matching	1.80 V	Nebulizer Pump	0.10 rps	Plasma Gas	15.0 L/min
Sample Depth	9.0 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	-6.0 V	Omega Lens	8.9 V	Deflect	4.6 V
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US EPA Tune Check Report

Extract 2	-200.0 V	Cell Entrance	-50 V	Plate Bias	-60 V
Omega Bias	-90 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	106	Axis Gain	0.9964	QP Bias	-13.0 V
Mass Offset	125	Axis Offset	0.05		
Hardware Settings					
Torch					
Torch H	-0.4 mm	Torch V	1.5 mm		
EM					
Discriminator	4.0 mV	Analog HV	2226 V	Pulse HV	1140 V

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	TUNE	Instrumnet Name :	P8
Client Sample ID :	TUNE	Dilution Factor :	1
Date & Time Acquired :	2025-03-17 14:36:23	DataFile Name :	001SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2						ppb
Antimony	121-1						ppb
Arsenic	75-2						ppb
Barium	135-1						ppb
Barium	137-1						ppb
Beryllium	9-1						ppb
Bismuth	209-1				267		%
Bismuth	209-2				220		%
Bromine	81-1						cps
Cadmium	108-1						ppb
Cadmium	106-1						ppb
Cadmium	111-1						ppb
Calcium	43-1						ppb
Calcium	44-1						ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2						ppb
Cobalt	59-2						ppb
Copper	63-2						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				251		%
Holmium	165-2				218		%
Indium	115-1				249		%
Indium	115-2				209		%
Iron	54-2						ppb
Iron	56-2						ppb
Iron	57-2						ppb
Krypton	83-1						cps
Lead	206-1						ppb

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	TUNE	Instrumnet Name :	P8
Client Sample ID :	TUNE	Dilution Factor :	1
Date & Time Acquired :	2025-03-17 14:36:23	DataFile Name :	001SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1						ppb
Lead	208-1						ppb
Lithium	6-1				253		%
Magnesium	24-2						ppb
Manganese	55-2						ppb
Molybdenum	94-1						ppb
Molybdenum	95-1						ppb
Molybdenum	96-1						ppb
Molybdenum	97-1						ppb
Molybdenum	98-1						ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2						ppb
Phosphorus	31-2						ppb
Potassium	39-2						ppb
Rhodium	103-1				238		%
Rhodium	103-2				211		%
Scandium	45-1				238		%
Scandium	45-2				202		%
Selenium	82-1						ppb
Selenium	77-2						ppb
Selenium	78-2						ppb
Silicon	28-1						ppb
Silver	107-1						ppb
Silver	109-1						ppb
Sodium	23-2						ppb
Strontium	86-1						ppb
Strontium	88-1						ppb
Sulfur	34-1						ppb
Terbium	159-1				253		%
Terbium	159-2				222		%
Thallium	203-1						ppb
Thallium	205-1						ppb
Tin	118-1						ppb
Titanium	47-1						ppb
Uranium	238-1						ppb

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	TUNE	Instrumnet Name :	P8
Client Sample ID :	TUNE	Dilution Factor :	1
Date & Time Acquired :	2025-03-17 14:36:23	DataFile Name :	001SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2						ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				246		%
Yttrium	89-2				206		%
Zinc	66-2						ppb
Zirconium	90-1						ppb
Zirconium	91-1						ppb

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2025-03-17 15:05:19	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.10	0.24	-0.14	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.01	0.00	-0.01	0.00	N/A	ppb
Barium	135-1	0.01	-0.01	0.00	0.00	N/A	ppb
Barium	137-1	0.01	0.00	-0.01	0.00	N/A	ppb
Beryllium	9-1	0.00	0.00	-0.01	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Cadmium	108-1	0.01	-0.03	0.01	0.00	N/A	ppb
Cadmium	106-1	0.01	-0.20	0.19	0.00	N/A	ppb
Cadmium	111-1	0.00	-0.01	0.02	0.00	N/A	ppb
Calcium	43-1	0.65	0.92	-1.57	0.00	N/A	ppb
Calcium	44-1	2.27	-0.85	-1.42	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	0.01	0.01	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.02	-0.01	-0.02	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	-0.08	0.03	0.05	0.00	N/A	ppb
Iron	56-2	-0.03	0.01	0.02	0.00	N/A	ppb
Iron	57-2	-0.08	-0.01	0.09	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	0.01	0.00	-0.01	0.00	N/A	ppb

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2025-03-17 15:05:19	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.02	-0.01	-0.01	0.00	N/A	ppb
Lead	208-1	0.01	0.00	-0.01	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.03	0.06	-0.10	0.00	N/A	ppb
Manganese	55-2	-0.01	0.02	-0.01	0.00	N/A	ppb
Molybdenum	94-1	0.01	0.00	-0.01	0.00	N/A	ppb
Molybdenum	95-1	0.01	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.01	0.00	-0.01	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.01	0.00	-0.01	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	0.01	0.01	0.00	N/A	ppb
Phosphorus	31-2	-12.58	-17.36	-13.73	-14.56		ppb
Potassium	39-2	-0.30	-0.22	0.52	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	0.02	-0.04	0.02	0.00	N/A	ppb
Selenium	77-2	-0.08	-0.08	0.16	0.00	N/A	ppb
Selenium	78-2	0.00	-0.14	0.14	0.00	N/A	ppb
Silicon	28-1	2.70	-2.39	-0.31	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	-0.87	0.11	0.75	0.00	N/A	ppb
Strontium	86-1	0.01	0.00	-0.01	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	153.19	-64.54	-73.77	4.96	2589.70	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.00	0.00	0.00	0.00	N/A	ppb
Titanium	47-1	0.00	0.00	0.00	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2025-03-17 15:05:19	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	0.00	-0.01	0.01	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 :	LB135062	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2025-03-17 15:11:55	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.49	18.52	19.73	19.24	3.33	ppb
Antimony	121-1	2.22	2.01	2.20	2.14	5.50	ppb
Arsenic	75-2	1.27	1.15	1.03	1.15	10.17	ppb
Barium	135-1	10.67	9.66	10.93	10.42	6.46	ppb
Barium	137-1	10.84	9.80	10.97	10.54	6.12	ppb
Beryllium	9-1	1.13	1.01	1.11	1.09	5.99	ppb
Bismuth	209-1				105		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Cadmium	108-1	1.06	1.09	1.12	1.09	2.51	ppb
Cadmium	106-1	1.64	1.09	0.93	1.22	30.45	ppb
Cadmium	111-1	1.23	1.04	1.16	1.14	8.45	ppb
Calcium	43-1	518.07	485.30	549.61	517.66	6.21	ppb
Calcium	44-1	552.74	501.75	575.99	543.49	6.99	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.16	2.18	2.11	2.15	1.63	ppb
Cobalt	59-2	1.15	1.19	1.15	1.16	1.83	ppb
Copper	63-2	2.13	2.10	2.11	2.11	0.81	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				97		%
Indium	115-1				104		%
Indium	115-2				97		%
Iron	54-2	55.27	55.60	54.83	55.23	0.69	ppb
Iron	56-2	54.21	54.44	53.19	53.95	1.24	ppb
Iron	57-2	54.07	54.03	52.14	53.41	2.07	ppb
Krypton	83-1						cps
Lead	206-1	0.97	0.90	0.98	0.95	4.40	ppb

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2025-03-17 15:11:55	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.97	0.92	1.00	0.96	4.49	ppb
Lead	208-1	0.98	0.91	1.00	0.96	4.65	ppb
Lithium	6-1				104		%
Magnesium	24-2	536.84	523.97	530.59	530.47	1.21	ppb
Manganese	55-2	0.97	0.93	0.85	0.92	6.21	ppb
Molybdenum	94-1	6.13	5.67	6.27	6.02	5.25	ppb
Molybdenum	95-1	5.13	4.71	5.21	5.02	5.32	ppb
Molybdenum	96-1	5.25	4.73	5.37	5.11	6.67	ppb
Molybdenum	97-1	5.16	4.66	5.28	5.03	6.58	ppb
Molybdenum	98-1	5.17	4.71	5.23	5.04	5.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.10	1.08	1.12	1.10	1.50	ppb
Phosphorus	31-2	18.49	11.77	13.41	14.56	24.04	ppb
Potassium	39-2	491.10	493.00	486.09	490.06	0.73	ppb
Rhodium	103-1				103		%
Rhodium	103-2				97		%
Scandium	45-1				103		%
Scandium	45-2				97		%
Selenium	82-1	5.56	4.92	5.28	5.25	6.07	ppb
Selenium	77-2	5.44	6.60	6.61	6.21	10.84	ppb
Selenium	78-2	5.49	5.05	6.01	5.52	8.76	ppb
Silicon	28-1	0.39	-1.89	2.74	0.41	562.80	ppb
Silver	107-1	1.11	1.02	1.11	1.08	4.78	ppb
Silver	109-1	1.11	1.00	1.12	1.08	6.31	ppb
Sodium	23-2	522.49	524.09	518.48	521.69	0.55	ppb
Strontium	86-1	1.05	0.96	1.09	1.03	6.65	ppb
Strontium	88-1	1.06	0.96	1.07	1.03	5.83	ppb
Sulfur	34-1	144.61	-453.66	294.17	-4.96		ppb
Terbium	159-1				103		%
Terbium	159-2				98		%
Thallium	203-1	0.96	0.92	0.99	0.95	3.69	ppb
Thallium	205-1	0.98	0.91	0.98	0.96	4.15	ppb
Tin	118-1	5.58	5.11	5.72	5.47	5.79	ppb
Titanium	47-1	5.26	4.83	5.55	5.21	6.96	ppb
Uranium	238-1	0.96	0.91	0.99	0.95	4.11	ppb

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2025-03-17 15:11:55	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	5.49	5.40	5.34	5.41	1.39	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				96		%
Zinc	66-2	5.01	5.16	5.10	5.09	1.46	ppb
Zirconium	90-1	1.02	0.94	1.04	1.00	5.32	ppb
Zirconium	91-1	1.01	0.93	1.02	0.99	4.86	ppb

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2025-03-17 15:15:11	DataFile Name :	007CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	954.20	942.21	942.03	946.15	0.74	ppb
Antimony	121-1	50.79	53.28	51.56	51.88	2.46	ppb
Arsenic	75-2	51.47	51.10	51.05	51.20	0.45	ppb
Barium	135-1	252.98	263.85	254.28	257.04	2.31	ppb
Barium	137-1	254.58	266.20	259.51	260.10	2.24	ppb
Beryllium	9-1	50.48	50.24	50.18	50.30	0.32	ppb
Bismuth	209-1				102		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Cadmium	108-1	53.34	55.90	54.59	54.61	2.34	ppb
Cadmium	106-1	52.32	55.38	53.73	53.81	2.85	ppb
Cadmium	111-1	51.01	53.72	52.25	52.33	2.59	ppb
Calcium	43-1	5093.49	5273.02	5050.56	5139.02	2.30	ppb
Calcium	44-1	5129.20	5318.99	5101.70	5183.30	2.28	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	51.10	50.58	50.51	50.73	0.64	ppb
Cobalt	59-2	52.07	52.33	52.18	52.19	0.25	ppb
Copper	63-2	539.42	539.82	539.45	539.56	0.04	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				97		%
Indium	115-1				100		%
Indium	115-2				93		%
Iron	54-2	2592.00	2583.68	2609.01	2594.89	0.50	ppb
Iron	56-2	2573.86	2563.72	2583.58	2573.72	0.39	ppb
Iron	57-2	2547.12	2542.20	2541.60	2543.64	0.12	ppb
Krypton	83-1						cps
Lead	206-1	248.06	253.82	245.66	249.18	1.68	ppb

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2025-03-17 15:15:11	DataFile Name :	007CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	257.67	260.76	248.75	255.73	2.44	ppb
Lead	208-1	250.71	258.40	244.84	251.32	2.71	ppb
Lithium	6-1				105		%
Magnesium	24-2	5185.76	5170.06	5214.56	5190.13	0.43	ppb
Manganese	55-2	524.93	529.44	532.83	529.07	0.75	ppb
Molybdenum	94-1	512.79	522.00	493.44	509.41	2.86	ppb
Molybdenum	95-1	500.64	521.35	491.53	504.51	3.03	ppb
Molybdenum	96-1	498.92	514.92	500.91	504.92	1.73	ppb
Molybdenum	97-1	500.33	509.30	492.91	500.84	1.64	ppb
Molybdenum	98-1	501.28	516.63	499.48	505.80	1.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	51.52	51.46	51.78	51.59	0.34	ppb
Phosphorus	31-2	1044.78	1059.68	1041.74	1048.73	0.92	ppb
Potassium	39-2	2308.09	2296.95	2311.22	2305.42	0.33	ppb
Rhodium	103-1				96		%
Rhodium	103-2				92		%
Scandium	45-1				97		%
Scandium	45-2				91		%
Selenium	82-1	52.96	54.05	53.90	53.64	1.10	ppb
Selenium	77-2	50.43	58.08	62.68	57.06	10.84	ppb
Selenium	78-2	51.87	49.40	52.03	51.10	2.89	ppb
Silicon	28-1	50.17	50.41	48.63	49.74	1.95	ppb
Silver	107-1	53.79	56.62	55.11	55.17	2.57	ppb
Silver	109-1	54.65	55.47	55.49	55.21	0.87	ppb
Sodium	23-2	5019.09	4946.48	5031.07	4998.88	0.92	ppb
Strontium	86-1	49.13	50.83	49.28	49.75	1.90	ppb
Strontium	88-1	50.08	52.97	50.25	51.10	3.18	ppb
Sulfur	34-1	1228.95	1415.31	969.20	1204.48	18.60	ppb
Terbium	159-1				101		%
Terbium	159-2				97		%
Thallium	203-1	47.54	49.05	48.02	48.20	1.60	ppb
Thallium	205-1	48.47	48.83	49.44	48.91	1.01	ppb
Tin	118-1	49.89	52.36	50.74	50.99	2.47	ppb
Titanium	47-1	506.54	528.45	503.99	512.99	2.62	ppb
Uranium	238-1	48.21	49.35	47.25	48.27	2.18	ppb

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2025-03-17 15:15:11	DataFile Name :	007CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	50.63	51.20	51.11	50.98	0.60	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				97		%
Yttrium	89-2				91		%
Zinc	66-2	522.10	522.18	526.70	523.66	0.50	ppb
Zirconium	90-1	49.75	52.07	50.38	50.73	2.38	ppb
Zirconium	91-1	47.77	50.70	48.86	49.11	3.02	ppb

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2025-03-17 15:18:09	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2547.88	2452.47	2422.06	2474.14	2.65	ppb
Antimony	121-1	131.53	137.17	131.42	133.38	2.47	ppb
Arsenic	75-2	137.28	130.54	131.90	133.24	2.68	ppb
Barium	135-1	630.02	686.51	646.97	654.50	4.43	ppb
Barium	137-1	637.10	672.46	639.44	649.67	3.04	ppb
Beryllium	9-1	129.07	132.58	130.45	130.70	1.35	ppb
Bismuth	209-1				104		%
Bismuth	209-2				95		%
Bromine	81-1						cps
Cadmium	108-1	131.70	139.88	132.45	134.68	3.36	ppb
Cadmium	106-1	130.28	137.37	129.78	132.48	3.21	ppb
Cadmium	111-1	127.56	134.95	128.71	130.41	3.05	ppb
Calcium	43-1	13742.91	13990.71	13484.39	13739.34	1.84	ppb
Calcium	44-1	13342.37	13880.00	13228.65	13483.67	2.58	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	136.45	130.88	128.76	132.03	3.01	ppb
Cobalt	59-2	143.31	137.80	137.30	139.47	2.39	ppb
Copper	63-2	1466.41	1388.36	1363.09	1405.95	3.83	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				97		%
Indium	115-1				97		%
Indium	115-2				90		%
Iron	54-2	7262.11	6860.61	6787.41	6970.04	3.67	ppb
Iron	56-2	6968.56	6652.07	6566.02	6728.88	3.15	ppb
Iron	57-2	6841.22	6543.27	6460.57	6615.02	3.03	ppb
Krypton	83-1						cps
Lead	206-1	642.21	668.75	646.57	652.51	2.18	ppb

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2025-03-17 15:18:09	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	638.89	674.05	645.41	652.78	2.87	ppb
Lead	208-1	642.55	672.65	641.37	652.19	2.72	ppb
Lithium	6-1				101		%
Magnesium	24-2	13606.76	13197.81	12880.25	13228.27	2.75	ppb
Manganese	55-2	1389.53	1313.73	1298.42	1333.90	3.66	ppb
Molybdenum	94-1	1302.55	1344.95	1292.60	1313.37	2.12	ppb
Molybdenum	95-1	1298.57	1320.08	1303.17	1307.27	0.87	ppb
Molybdenum	96-1	1303.34	1310.72	1312.63	1308.90	0.37	ppb
Molybdenum	97-1	1254.70	1295.45	1307.74	1285.96	2.16	ppb
Molybdenum	98-1	1272.63	1332.88	1308.54	1304.68	2.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	140.29	133.17	131.40	134.95	3.49	ppb
Phosphorus	31-2	2832.35	2747.94	2713.98	2764.76	2.20	ppb
Potassium	39-2	6297.13	6078.33	6043.34	6139.60	2.24	ppb
Rhodium	103-1				92		%
Rhodium	103-2				91		%
Scandium	45-1				93		%
Scandium	45-2				87		%
Selenium	82-1	133.40	136.53	136.25	135.39	1.28	ppb
Selenium	77-2	132.39	148.33	133.00	137.91	6.55	ppb
Selenium	78-2	136.91	131.79	135.89	134.86	2.01	ppb
Silicon	28-1	130.82	137.84	131.52	133.39	2.90	ppb
Silver	107-1	131.91	141.16	133.04	135.37	3.73	ppb
Silver	109-1	130.31	140.04	131.57	133.97	3.95	ppb
Sodium	23-2	13671.22	13014.02	12930.19	13205.14	3.07	ppb
Strontium	86-1	131.00	134.93	127.59	131.17	2.80	ppb
Strontium	88-1	128.01	132.17	129.49	129.89	1.62	ppb
Sulfur	34-1	2423.36	2524.73	2074.54	2340.88	10.09	ppb
Terbium	159-1				102		%
Terbium	159-2				97		%
Thallium	203-1	127.65	134.92	129.60	130.72	2.88	ppb
Thallium	205-1	128.35	131.30	125.24	128.30	2.36	ppb
Tin	118-1	132.18	133.84	129.95	131.99	1.48	ppb
Titanium	47-1	1307.74	1320.00	1282.25	1303.33	1.48	ppb
Uranium	238-1	123.06	128.37	121.78	124.40	2.81	ppb

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2025-03-17 15:18:09	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	137.23	131.36	130.05	132.88	2.87	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				95		%
Yttrium	89-2				88		%
Zinc	66-2	1474.25	1412.31	1386.18	1424.25	3.18	ppb
Zirconium	90-1	128.14	131.68	126.84	128.89	1.94	ppb
Zirconium	91-1	129.64	131.32	129.39	130.12	0.81	ppb

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2025-03-17 15:20:54	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4789.91	4750.67	4755.34	4765.31	0.45	ppb
Antimony	121-1	253.07	256.34	254.90	254.77	0.64	ppb
Arsenic	75-2	253.76	256.70	262.81	257.76	1.79	ppb
Barium	135-1	1240.93	1264.70	1274.75	1260.13	1.38	ppb
Barium	137-1	1229.06	1262.61	1257.85	1249.84	1.45	ppb
Beryllium	9-1	252.98	250.98	258.21	254.06	1.47	ppb
Bismuth	209-1				108		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Cadmium	108-1	251.27	265.34	251.89	256.17	3.10	ppb
Cadmium	106-1	256.39	262.77	259.44	259.53	1.23	ppb
Cadmium	111-1	256.98	264.16	254.58	258.57	1.93	ppb
Calcium	43-1	25927.97	25811.87	25953.16	25897.67	0.29	ppb
Calcium	44-1	25812.19	25883.85	25961.92	25885.99	0.29	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	268.27	261.30	262.39	263.99	1.42	ppb
Cobalt	59-2	265.80	265.93	260.85	264.19	1.10	ppb
Copper	63-2	2699.84	2696.93	2680.47	2692.41	0.39	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				99		%
Indium	115-1				97		%
Indium	115-2				90		%
Iron	54-2	13276.54	13365.48	13091.77	13244.59	1.05	ppb
Iron	56-2	13114.27	12985.62	12854.29	12984.73	1.00	ppb
Iron	57-2	13377.06	13358.96	13229.85	13321.96	0.60	ppb
Krypton	83-1						cps
Lead	206-1	1260.40	1261.06	1262.50	1261.32	0.08	ppb

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2025-03-17 15:20:54	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	1250.24	1247.79	1287.01	1261.68	1.74	ppb
Lead	208-1	1265.07	1255.37	1281.17	1267.20	1.03	ppb
Lithium	6-1				102		%
Magnesium	24-2	25749.49	25811.78	25777.35	25779.54	0.12	ppb
Manganese	55-2	2598.84	2576.53	2560.70	2578.69	0.74	ppb
Molybdenum	94-1	2571.65	2558.48	2544.47	2558.20	0.53	ppb
Molybdenum	95-1	2574.77	2555.09	2508.29	2546.05	1.34	ppb
Molybdenum	96-1	2629.89	2577.27	2532.29	2579.82	1.89	ppb
Molybdenum	97-1	2588.72	2548.27	2547.54	2561.51	0.92	ppb
Molybdenum	98-1	2583.44	2561.06	2586.15	2576.88	0.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	257.42	257.26	256.19	256.95	0.26	ppb
Phosphorus	31-2	5389.16	5279.72	5384.94	5351.27	1.16	ppb
Potassium	39-2	11810.94	11466.91	11813.63	11697.16	1.70	ppb
Rhodium	103-1				96		%
Rhodium	103-2				91		%
Scandium	45-1				96		%
Scandium	45-2				90		%
Selenium	82-1	260.59	263.24	254.56	259.46	1.71	ppb
Selenium	77-2	257.33	253.51	251.28	254.04	1.20	ppb
Selenium	78-2	259.71	258.87	271.36	263.31	2.65	ppb
Silicon	28-1	253.78	254.15	259.11	255.68	1.16	ppb
Silver	107-1	255.69	269.35	256.73	260.59	2.92	ppb
Silver	109-1	255.29	264.14	254.78	258.07	2.04	ppb
Sodium	23-2	25497.11	25489.66	25327.90	25438.22	0.38	ppb
Strontium	86-1	251.67	252.73	259.41	254.61	1.65	ppb
Strontium	88-1	256.86	255.52	257.15	256.51	0.34	ppb
Sulfur	34-1	4505.36	4442.98	4319.32	4422.55	2.14	ppb
Terbium	159-1				106		%
Terbium	159-2				99		%
Thallium	203-1	251.05	246.83	252.96	250.28	1.25	ppb
Thallium	205-1	250.90	249.53	247.90	249.44	0.60	ppb
Tin	118-1	246.12	253.82	248.47	249.47	1.58	ppb
Titanium	47-1	2558.98	2503.22	2553.15	2538.45	1.21	ppb
Uranium	238-1	242.84	242.37	247.91	244.38	1.26	ppb

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2025-03-17 15:20:54	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	259.72	260.19	260.11	260.01	0.10	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				97		%
Yttrium	89-2				91		%
Zinc	66-2	2652.31	2678.12	2650.90	2660.44	0.58	ppb
Zirconium	90-1	253.25	250.91	252.89	252.35	0.50	ppb
Zirconium	91-1	258.08	252.61	252.31	254.33	1.28	ppb

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2025-03-17 15:23:41	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9227.05	9596.06	9406.91	9410.00	1.96	ppb
Antimony	121-1	510.27	508.02	505.50	507.93	0.47	ppb
Arsenic	75-2	504.16	509.36	512.11	508.54	0.79	ppb
Barium	135-1	2542.65	2535.74	2598.32	2558.90	1.34	ppb
Barium	137-1	2517.24	2510.38	2550.45	2526.02	0.85	ppb
Beryllium	9-1	519.04	505.63	512.93	512.53	1.31	ppb
Bismuth	209-1				103		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Cadmium	108-1	508.69	507.76	513.38	509.94	0.59	ppb
Cadmium	106-1	515.68	512.90	513.61	514.06	0.28	ppb
Cadmium	111-1	520.32	514.88	520.75	518.65	0.63	ppb
Calcium	43-1	52688.15	51161.75	52337.99	52062.63	1.54	ppb
Calcium	44-1	51916.79	50824.11	51278.05	51339.65	1.07	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	513.45	513.18	513.08	513.24	0.04	ppb
Cobalt	59-2	507.31	518.81	515.38	513.83	1.15	ppb
Copper	63-2	5235.49	5182.13	5188.28	5201.97	0.56	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				99		%
Indium	115-1				97		%
Indium	115-2				90		%
Iron	54-2	25528.04	25874.23	25219.86	25540.71	1.28	ppb
Iron	56-2	25353.14	25413.22	25230.79	25332.38	0.37	ppb
Iron	57-2	25327.49	25979.08	24729.17	25345.25	2.47	ppb
Krypton	83-1						cps
Lead	206-1	2602.09	2479.92	2571.86	2551.29	2.49	ppb

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2025-03-17 15:23:41	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2595.09	2512.48	2616.47	2574.68	2.13	ppb
Lead	208-1	2584.68	2502.86	2571.35	2552.96	1.72	ppb
Lithium	6-1				97		%
Magnesium	24-2	50116.49	50247.46	49947.86	50103.93	0.30	ppb
Manganese	55-2	5098.35	5198.15	5066.54	5121.01	1.34	ppb
Molybdenum	94-1	5137.79	5070.81	5010.15	5072.91	1.26	ppb
Molybdenum	95-1	5112.83	5061.14	5032.08	5068.68	0.81	ppb
Molybdenum	96-1	5088.47	5065.79	5054.35	5069.54	0.34	ppb
Molybdenum	97-1	5053.86	5100.22	4997.02	5050.37	1.02	ppb
Molybdenum	98-1	5139.46	5143.30	5028.39	5103.72	1.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	518.49	532.69	516.59	522.59	1.68	ppb
Phosphorus	31-2	10173.95	10321.38	10225.19	10240.17	0.73	ppb
Potassium	39-2	22742.21	22881.48	22824.78	22816.16	0.31	ppb
Rhodium	103-1				94		%
Rhodium	103-2				91		%
Scandium	45-1				96		%
Scandium	45-2				91		%
Selenium	82-1	514.40	513.88	510.08	512.78	0.46	ppb
Selenium	77-2	504.61	522.81	516.95	514.79	1.80	ppb
Selenium	78-2	523.71	512.76	521.83	519.43	1.13	ppb
Silicon	28-1	521.79	508.31	521.38	517.16	1.48	ppb
Silver	107-1	509.21	503.24	508.46	506.97	0.64	ppb
Silver	109-1	507.55	517.10	517.07	513.91	1.07	ppb
Sodium	23-2	48911.55	50425.78	48925.13	49420.82	1.76	ppb
Strontium	86-1	504.75	501.36	507.93	504.68	0.65	ppb
Strontium	88-1	512.61	502.26	505.49	506.79	1.05	ppb
Sulfur	34-1	9520.42	9139.32	9529.03	9396.26	2.37	ppb
Terbium	159-1				104		%
Terbium	159-2				99		%
Thallium	203-1	520.98	498.54	516.53	512.02	2.32	ppb
Thallium	205-1	512.89	490.75	506.16	503.27	2.26	ppb
Tin	118-1	512.71	502.44	508.91	508.02	1.02	ppb
Titanium	47-1	5123.13	5001.00	5115.37	5079.83	1.35	ppb
Uranium	238-1	505.73	492.58	501.64	499.98	1.35	ppb

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2025-03-17 15:23:41	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	509.60	507.70	501.79	506.37	0.80	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				92		%
Zinc	66-2	5244.82	5115.90	5171.56	5177.43	1.25	ppb
Zirconium	90-1	506.91	501.43	500.76	503.04	0.67	ppb
Zirconium	91-1	511.14	501.70	504.05	505.63	0.97	ppb

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2025-03-17 15:26:26	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18220.41	18274.21	18041.66	18178.76	0.67	ppb
Antimony	121-1	1008.08	997.34	975.68	993.70	1.66	ppb
Arsenic	75-2	979.95	993.30	1004.85	992.70	1.26	ppb
Barium	135-1	4985.53	4922.15	4984.25	4963.98	0.73	ppb
Barium	137-1	5006.60	4995.14	4948.57	4983.44	0.62	ppb
Beryllium	9-1	976.01	997.22	1002.74	991.99	1.42	ppb
Bismuth	209-1				102		%
Bismuth	209-2				94		%
Bromine	81-1						cps
Cadmium	108-1	999.65	999.43	977.05	992.05	1.31	ppb
Cadmium	106-1	992.73	993.13	982.52	989.46	0.61	ppb
Cadmium	111-1	1011.63	979.45	972.14	987.74	2.13	ppb
Calcium	43-1	104232.31	100759.54	100965.40	101985.75	1.91	ppb
Calcium	44-1	103491.86	101225.23	100527.53	101748.21	1.52	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	988.55	990.91	987.44	988.97	0.18	ppb
Cobalt	59-2	988.83	989.05	984.97	987.62	0.23	ppb
Copper	63-2	9887.13	9808.68	9792.52	9829.44	0.51	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				100		%
Indium	115-1				95		%
Indium	115-2				88		%
Iron	54-2	50178.71	49640.64	49311.97	49710.44	0.88	ppb
Iron	56-2	48749.96	48605.89	48485.68	48613.84	0.27	ppb
Iron	57-2	48194.17	48376.68	49097.42	48556.09	0.98	ppb
Krypton	83-1						cps
Lead	206-1	4946.38	4895.81	5062.19	4968.13	1.72	ppb

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2025-03-17 15:26:26	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	5018.59	4917.70	4931.66	4955.98	1.10	ppb
Lead	208-1	4990.21	4933.20	4973.85	4965.75	0.59	ppb
Lithium	6-1				99		%
Magnesium	24-2	96994.78	96844.89	96343.31	96727.66	0.35	ppb
Manganese	55-2	9983.91	9864.50	9875.22	9907.88	0.67	ppb
Molybdenum	94-1	9937.48	9954.51	9929.81	9940.60	0.13	ppb
Molybdenum	95-1	9964.70	9851.86	10023.73	9946.76	0.88	ppb
Molybdenum	96-1	9997.81	9822.72	9992.47	9937.67	1.00	ppb
Molybdenum	97-1	9977.94	9906.61	9980.15	9954.90	0.42	ppb
Molybdenum	98-1	9975.59	9777.57	10012.23	9921.80	1.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	989.33	975.43	992.17	985.64	0.91	ppb
Phosphorus	31-2	19805.89	19839.77	19624.03	19756.56	0.59	ppb
Potassium	39-2	45221.82	44840.84	44549.29	44870.65	0.75	ppb
Rhodium	103-1				93		%
Rhodium	103-2				89		%
Scandium	45-1				97		%
Scandium	45-2				93		%
Selenium	82-1	999.34	980.76	989.18	989.76	0.94	ppb
Selenium	77-2	939.04	1011.35	1018.49	989.62	4.44	ppb
Selenium	78-2	965.02	990.32	1001.65	985.67	1.90	ppb
Silicon	28-1	995.99	981.16	990.02	989.06	0.75	ppb
Silver	107-1	990.84	1008.28	977.82	992.31	1.54	ppb
Silver	109-1	988.68	1006.01	974.25	989.65	1.61	ppb
Sodium	23-2	96420.52	96881.18	96891.06	96730.92	0.28	ppb
Strontium	86-1	997.68	994.49	995.07	995.75	0.17	ppb
Strontium	88-1	987.14	992.83	1002.97	994.31	0.81	ppb
Sulfur	34-1	20646.63	20202.90	20518.17	20455.90	1.12	ppb
Terbium	159-1				105		%
Terbium	159-2				99		%
Thallium	203-1	1001.88	981.85	996.16	993.30	1.04	ppb
Thallium	205-1	985.90	987.37	1021.18	998.15	2.00	ppb
Tin	118-1	990.54	1005.88	989.16	995.20	0.93	ppb
Titanium	47-1	9985.88	9893.82	9949.77	9943.15	0.47	ppb
Uranium	238-1	985.60	1007.08	1012.04	1001.58	1.40	ppb

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2025-03-17 15:26:26	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	996.35	993.05	990.43	993.28	0.30	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				93		%
Zinc	66-2	9888.94	9817.38	9838.31	9848.21	0.37	ppb
Zirconium	90-1	1001.96	998.13	992.03	997.37	0.50	ppb
Zirconium	91-1	1009.90	970.83	1005.79	995.51	2.16	ppb

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2025-03-17 15:29:15	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	94005.61	109443.97	97858.93	100436.17	8.00	ppb
Antimony	121-1	0.36	0.38	0.37	0.37	2.88	ppb
Arsenic	75-2	0.51	0.48	0.50	0.50	2.96	ppb
Barium	135-1	1.93	1.95	1.91	1.93	1.09	ppb
Barium	137-1	1.93	1.93	1.92	1.93	0.49	ppb
Beryllium	9-1	0.18	0.17	0.17	0.17	0.49	ppb
Bismuth	209-1				83		%
Bismuth	209-2				80		%
Bromine	81-1						cps
Cadmium	108-1	0.44	0.37	0.44	0.42	9.65	ppb
Cadmium	106-1	-0.02	0.09	0.18	0.09	114.52	ppb
Cadmium	111-1	0.16	0.15	0.17	0.16	4.14	ppb
Calcium	43-1	494613.88	494560.71	508783.34	499319.31	1.64	ppb
Calcium	44-1	494195.36	495066.24	509075.27	499445.63	1.67	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.71	5.54	4.94	5.06	8.45	ppb
Cobalt	59-2	2.03	2.34	2.10	2.16	7.48	ppb
Copper	63-2	1.46	1.74	1.44	1.55	10.65	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				94		%
Holmium	165-2				92		%
Indium	115-1				87		%
Indium	115-2				87		%
Iron	54-2	235824.47	270876.47	243142.04	249947.66	7.40	ppb
Iron	56-2	237276.92	270345.25	242998.96	250207.05	7.06	ppb
Iron	57-2	233966.03	271945.19	244699.57	250203.60	7.83	ppb
Krypton	83-1						cps
Lead	206-1	2.33	2.34	2.35	2.34	0.40	ppb

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2025-03-17 15:29:15	DataFile Name :	012CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2.35	2.37	2.38	2.37	0.59	ppb
Lead	208-1	2.34	2.35	2.37	2.35	0.75	ppb
Lithium	6-1				88		%
Magnesium	24-2	468337.02	544728.10	488689.76	500584.96	7.90	ppb
Manganese	55-2	3.76	4.51	4.04	4.11	9.22	ppb
Molybdenum	94-1	2.13	2.16	2.27	2.19	3.43	ppb
Molybdenum	95-1	2.39	2.89	3.12	2.80	13.18	ppb
Molybdenum	96-1	1.98	1.91	1.95	1.95	1.91	ppb
Molybdenum	97-1	1.53	1.57	1.64	1.58	3.32	ppb
Molybdenum	98-1	1.25	1.17	1.18	1.20	3.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.09	3.61	3.20	3.30	8.37	ppb
Phosphorus	31-2	-11.44	-9.43	-11.07	-10.65		ppb
Potassium	39-2	233513.94	272275.09	248078.33	251289.12	7.79	ppb
Rhodium	103-1				80		%
Rhodium	103-2				77		%
Scandium	45-1				91		%
Scandium	45-2				88		%
Selenium	82-1	0.66	0.80	0.77	0.74	9.55	ppb
Selenium	77-2	0.67	1.31	1.45	1.14	36.29	ppb
Selenium	78-2	0.62	0.32	0.56	0.50	31.51	ppb
Silicon	28-1	4.21	3.67	3.28	3.72	12.62	ppb
Silver	107-1	0.10	0.08	0.08	0.09	12.88	ppb
Silver	109-1	0.10	0.09	0.08	0.09	10.31	ppb
Sodium	23-2	468375.39	543817.40	489823.76	500672.18	7.76	ppb
Strontium	86-1	3.16	3.17	3.26	3.20	1.70	ppb
Strontium	88-1	3.21	3.17	3.23	3.20	1.00	ppb
Sulfur	34-1	-1628.51	-1238.63	-1015.18	-1294.11		ppb
Terbium	159-1				95		%
Terbium	159-2				91		%
Thallium	203-1	0.12	0.10	0.09	0.10	14.50	ppb
Thallium	205-1	0.11	0.10	0.09	0.10	13.18	ppb
Tin	118-1	0.13	0.14	0.13	0.14	3.80	ppb
Titanium	47-1	1.17	1.43	1.62	1.41	16.08	ppb
Uranium	238-1	0.04	0.04	0.04	0.04	4.85	ppb

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2025-03-17 15:29:15	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.26	0.30	0.27	0.28	6.87	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				92		%
Yttrium	89-2				91		%
Zinc	66-2	17.40	20.33	17.68	18.47	8.75	ppb
Zirconium	90-1	0.46	0.45	0.46	0.45	0.91	ppb
Zirconium	91-1	0.46	0.45	0.47	0.46	2.57	ppb

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired :	2025-03-17 15:59:42	DataFile Name :	018ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	473.11	471.15	466.64	470.30	0.71	ppb
Antimony	121-1	202.56	205.44	201.68	203.23	0.97	ppb
Arsenic	75-2	206.31	204.45	206.43	205.73	0.54	ppb
Barium	135-1	99.23	101.17	99.76	100.05	1.00	ppb
Barium	137-1	104.89	103.86	103.25	104.00	0.79	ppb
Beryllium	9-1	106.95	108.07	107.01	107.34	0.59	ppb
Bismuth	209-1				109		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Cadmium	108-1	88.30	90.71	89.12	89.37	1.37	ppb
Cadmium	106-1	86.38	88.21	87.18	87.26	1.05	ppb
Cadmium	111-1	101.71	103.83	103.08	102.87	1.05	ppb
Calcium	43-1	1908.65	1986.42	1934.14	1943.07	2.04	ppb
Calcium	44-1	1992.03	2029.87	1989.96	2003.96	1.12	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	103.12	102.29	102.04	102.48	0.55	ppb
Cobalt	59-2	109.32	109.17	107.08	108.52	1.15	ppb
Copper	63-2	98.53	99.50	98.58	98.87	0.55	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				106		%
Holmium	165-2				104		%
Indium	115-1				105		%
Indium	115-2				101		%
Iron	54-2	2121.00	2095.57	2105.45	2107.34	0.61	ppb
Iron	56-2	2029.91	2040.76	2005.76	2025.48	0.88	ppb
Iron	57-2	1998.09	1993.64	1994.15	1995.29	0.12	ppb
Krypton	83-1						cps
Lead	206-1	211.72	200.63	200.31	204.22	3.18	ppb

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired :	2025-03-17 15:59:42	DataFile Name :	018ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	199.69	194.48	192.21	195.46	1.96	ppb
Lead	208-1	201.46	196.83	196.27	198.19	1.44	ppb
Lithium	6-1				104		%
Magnesium	24-2	1141.11	1141.45	1136.80	1139.79	0.23	ppb
Manganese	55-2	93.53	92.81	93.47	93.27	0.43	ppb
Molybdenum	94-1	0.30	0.31	0.29	0.30	3.34	ppb
Molybdenum	95-1	0.08	0.07	0.08	0.08	3.87	ppb
Molybdenum	96-1	0.12	0.12	0.12	0.12	1.09	ppb
Molybdenum	97-1	0.07	0.08	0.08	0.07	7.47	ppb
Molybdenum	98-1	0.08	0.08	0.07	0.08	8.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	103.93	104.99	104.26	104.39	0.52	ppb
Phosphorus	31-2	-14.99	-16.68	-15.36	-15.67		ppb
Potassium	39-2	1823.78	1819.04	1827.71	1823.51	0.24	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				96		%
Selenium	82-1	214.28	216.38	211.36	214.01	1.18	ppb
Selenium	77-2	207.78	220.40	222.86	217.01	3.73	ppb
Selenium	78-2	219.83	215.15	212.47	215.81	1.73	ppb
Silicon	28-1	-3.69	-2.55	-3.61	-3.28		ppb
Silver	107-1	52.31	52.61	53.22	52.71	0.88	ppb
Silver	109-1	53.50	54.04	53.49	53.68	0.59	ppb
Sodium	23-2	1986.92	2021.47	1957.15	1988.51	1.62	ppb
Strontium	86-1	0.23	0.23	0.24	0.23	0.94	ppb
Strontium	88-1	0.25	0.25	0.25	0.25	1.14	ppb
Sulfur	34-1	-527.57	-488.64	-1023.31	-679.84		ppb
Terbium	159-1				106		%
Terbium	159-2				103		%
Thallium	203-1	200.84	189.67	194.66	195.06	2.87	ppb
Thallium	205-1	200.98	189.28	194.15	194.80	3.02	ppb
Tin	118-1	-0.01	0.25	0.00	0.08	185.39	ppb
Titanium	47-1	0.01	0.02	0.01	0.01	65.83	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired :	2025-03-17 15:59:42	DataFile Name :	018ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	100.28	99.73	99.70	99.90	0.32	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				98		%
Zinc	66-2	186.02	186.22	185.72	185.99	0.14	ppb
Zirconium	90-1	0.12	0.12	0.12	0.12	0.85	ppb
Zirconium	91-1	0.20	0.19	0.19	0.19	2.99	ppb

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2025-03-17 16:02:47	DataFile Name :	019LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.96	19.87	19.55	20.13	3.67	ppb
Antimony	121-1	2.14	2.15	2.16	2.15	0.38	ppb
Arsenic	75-2	0.97	1.20	1.13	1.10	10.97	ppb
Barium	135-1	10.34	10.35	10.32	10.34	0.14	ppb
Barium	137-1	10.51	10.45	10.42	10.46	0.43	ppb
Beryllium	9-1	1.15	1.14	1.14	1.14	0.83	ppb
Bismuth	209-1				108		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Cadmium	108-1	1.14	1.14	1.21	1.16	3.41	ppb
Cadmium	106-1	0.33	0.22	0.00	0.18	93.12	ppb
Cadmium	111-1	1.07	1.02	1.06	1.05	2.74	ppb
Calcium	43-1	519.62	533.23	540.63	531.16	2.01	ppb
Calcium	44-1	563.32	550.55	555.26	556.37	1.16	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.16	2.19	2.12	2.16	1.58	ppb
Cobalt	59-2	1.15	1.15	1.19	1.16	1.73	ppb
Copper	63-2	2.03	1.99	2.04	2.02	1.20	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				103		%
Indium	115-1				105		%
Indium	115-2				102		%
Iron	54-2	56.69	56.45	56.34	56.49	0.32	ppb
Iron	56-2	53.65	53.91	54.38	53.98	0.69	ppb
Iron	57-2	55.48	52.44	51.49	53.13	3.92	ppb
Krypton	83-1						cps
Lead	206-1	0.99	1.00	1.02	1.01	1.81	ppb

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2025-03-17 16:02:47	DataFile Name :	019LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	1.02	1.04	1.03	1.03	0.88	ppb
Lead	208-1	1.01	1.03	1.01	1.01	0.97	ppb
Lithium	6-1				105		%
Magnesium	24-2	535.07	531.27	535.26	533.87	0.42	ppb
Manganese	55-2	0.96	0.87	0.92	0.92	4.56	ppb
Molybdenum	94-1	6.00	6.20	6.12	6.11	1.68	ppb
Molybdenum	95-1	5.05	5.20	5.06	5.10	1.70	ppb
Molybdenum	96-1	5.12	5.30	5.15	5.19	1.84	ppb
Molybdenum	97-1	5.04	5.23	5.13	5.13	1.83	ppb
Molybdenum	98-1	5.09	5.19	5.14	5.14	0.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.03	1.09	1.10	1.07	3.48	ppb
Phosphorus	31-2	15.28	21.84	18.65	18.59	17.65	ppb
Potassium	39-2	482.49	495.63	489.72	489.28	1.35	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				97		%
Selenium	82-1	5.40	5.78	5.47	5.55	3.67	ppb
Selenium	77-2	3.98	3.99	4.93	4.30	12.73	ppb
Selenium	78-2	5.06	5.52	6.85	5.81	15.99	ppb
Silicon	28-1	-1.25	-1.77	16.12	4.37	233.11	ppb
Silver	107-1	1.08	1.09	1.08	1.08	0.40	ppb
Silver	109-1	1.08	1.08	1.07	1.08	0.38	ppb
Sodium	23-2	525.07	531.77	532.26	529.70	0.76	ppb
Strontium	86-1	1.03	1.04	1.03	1.04	0.47	ppb
Strontium	88-1	1.04	1.07	1.06	1.06	1.06	ppb
Sulfur	34-1	-611.65	-544.24	-301.78	-485.89		ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	1.02	1.02	1.04	1.03	1.06	ppb
Thallium	205-1	1.02	1.02	1.04	1.02	1.01	ppb
Tin	118-1	5.39	5.38	5.38	5.38	0.08	ppb
Titanium	47-1	5.23	5.23	5.31	5.26	0.85	ppb
Uranium	238-1	0.97	0.97	0.98	0.97	0.43	ppb

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2025-03-17 16:02:47	DataFile Name :	019LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	5.35	5.41	5.39	5.38	0.60	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				100		%
Zinc	66-2	5.36	5.13	5.25	5.25	2.18	ppb
Zirconium	90-1	1.00	1.04	1.03	1.02	1.97	ppb
Zirconium	91-1	0.99	1.02	1.02	1.01	1.61	ppb

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired :	2025-03-17 16:06:04	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.96	-1.05	-1.00	-1.00		ppb
Antimony	121-1	0.02	0.01	0.01	0.01	53.65	ppb
Arsenic	75-2	0.01	0.02	0.02	0.02	44.63	ppb
Barium	135-1	-0.02	-0.02	-0.02	-0.02		ppb
Barium	137-1	-0.02	-0.02	-0.02	-0.02		ppb
Beryllium	9-1	0.00	0.00	0.00	0.00		ppb
Bismuth	209-1				127		%
Bismuth	209-2				116		%
Bromine	81-1						cps
Cadmium	108-1	-0.02	-0.01	0.02	0.00		ppb
Cadmium	106-1	-2.10	-1.63	-1.42	-1.72		ppb
Cadmium	111-1	-0.13	-0.11	-0.10	-0.11		ppb
Calcium	43-1	-12.36	-12.22	-11.87	-12.15		ppb
Calcium	44-1	-17.41	-16.47	-13.82	-15.90		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.11	-0.11	-0.12	-0.11		ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	-0.22	-0.21	-0.23	-0.22		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				119		%
Holmium	165-2				113		%
Indium	115-1				120		%
Indium	115-2				114		%
Iron	54-2	-1.48	-1.53	-1.47	-1.49		ppb
Iron	56-2	-0.97	-1.00	-0.94	-0.97		ppb
Iron	57-2	-0.22	-1.01	-0.90	-0.71		ppb
Krypton	83-1						cps
Lead	206-1	0.05	0.04	0.03	0.04	19.05	ppb

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired :	2025-03-17 16:06:04	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.05	0.05	0.03	0.04	28.67	ppb
Lead	208-1	0.05	0.04	0.03	0.04	23.43	ppb
Lithium	6-1				121		%
Magnesium	24-2	-1.74	-1.27	-1.32	-1.44		ppb
Manganese	55-2	-0.39	-0.38	-0.38	-0.39		ppb
Molybdenum	94-1	-0.03	-0.03	-0.03	-0.03		ppb
Molybdenum	95-1	0.00	-0.01	-0.01	0.00		ppb
Molybdenum	96-1	0.00	-0.01	-0.01	-0.01		ppb
Molybdenum	97-1	-0.01	-0.01	-0.01	-0.01		ppb
Molybdenum	98-1	-0.01	-0.01	0.00	-0.01		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.10	-0.08	-0.09	-0.09		ppb
Phosphorus	31-2	-27.28	-27.16	-27.11	-27.18		ppb
Potassium	39-2	-1.66	-0.05	0.78	-0.31		ppb
Rhodium	103-1				118		%
Rhodium	103-2				110		%
Scandium	45-1				118		%
Scandium	45-2				109		%
Selenium	82-1	0.05	-0.03	0.02	0.02	244.56	ppb
Selenium	77-2	0.13	0.14	-0.08	0.07	190.91	ppb
Selenium	78-2	0.15	0.04	-0.10	0.03	450.41	ppb
Silicon	28-1	-21.61	-20.88	-19.53	-20.67		ppb
Silver	107-1	0.00	0.00	0.00	0.00	13.67	ppb
Silver	109-1	0.00	0.00	0.00	0.00	33.04	ppb
Sodium	23-2	-27.77	-27.58	-26.93	-27.43		ppb
Strontium	86-1	-0.03	-0.02	-0.02	-0.03		ppb
Strontium	88-1	-0.01	-0.01	-0.01	-0.01		ppb
Sulfur	34-1	-2418.84	-2204.36	-1914.41	-2179.20		ppb
Terbium	159-1				120		%
Terbium	159-2				115		%
Thallium	203-1	0.04	0.03	0.03	0.03	21.68	ppb
Thallium	205-1	0.04	0.03	0.03	0.03	10.96	ppb
Tin	118-1	-0.08	-0.08	-0.09	-0.08		ppb
Titanium	47-1	-0.05	-0.04	-0.05	-0.04		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired :	2025-03-17 16:06:04	DataFile Name :	020CCBE.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				118		%
Yttrium	89-2				110		%
Zinc	66-2	0.41	0.35	0.33	0.36	11.98	ppb
Zirconium	90-1	-0.01	-0.01	-0.01	-0.01		ppb
Zirconium	91-1	-0.01	-0.01	-0.01	-0.01		ppb

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired :	2025-03-17 16:09:26	DataFile Name :	021ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	87824.86	85345.85	87498.26	86889.66	1.55	ppb
Antimony	121-1	2.87	2.89	2.91	2.89	0.68	ppb
Arsenic	75-2	0.34	0.37	0.31	0.34	8.75	ppb
Barium	135-1	12.99	12.89	13.27	13.05	1.52	ppb
Barium	137-1	13.27	13.31	13.47	13.35	0.80	ppb
Beryllium	9-1	0.33	0.32	0.31	0.32	2.78	ppb
Bismuth	209-1				97		%
Bismuth	209-2				93		%
Bromine	81-1						cps
Cadmium	108-1	14.26	13.85	13.67	13.93	2.17	ppb
Cadmium	106-1	-1.32	-1.28	-1.09	-1.23		ppb
Cadmium	111-1	0.40	0.42	0.42	0.42	2.74	ppb
Calcium	43-1	102575.40	99572.25	100932.74	101026.80	1.49	ppb
Calcium	44-1	102392.21	100218.15	101313.98	101308.12	1.07	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	20.10	20.07	20.26	20.14	0.50	ppb
Cobalt	59-2	1.18	1.20	1.23	1.20	1.96	ppb
Copper	63-2	8.15	8.19	8.10	8.14	0.55	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				102		%
Holmium	165-2				101		%
Indium	115-1				98		%
Indium	115-2				94		%
Iron	54-2	101644.90	98893.25	101004.08	100514.08	1.43	ppb
Iron	56-2	99425.62	99676.55	101086.92	100063.03	0.89	ppb
Iron	57-2	100024.69	101456.13	99816.58	100432.47	0.89	ppb
Krypton	83-1						cps
Lead	206-1	6.10	5.61	5.49	5.74	5.61	ppb

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired :	2025-03-17 16:09:26	DataFile Name :	021ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	5.72	5.27	5.14	5.37	5.65	ppb
Lead	208-1	5.78	5.38	5.23	5.46	5.22	ppb
Lithium	6-1				99		%
Magnesium	24-2	93202.47	94090.24	93979.87	93757.53	0.52	ppb
Manganese	55-2	7.03	7.04	6.90	6.99	1.13	ppb
Molybdenum	94-1	1614.50	1629.55	1612.12	1618.72	0.58	ppb
Molybdenum	95-1	1970.96	1986.98	1940.43	1966.12	1.20	ppb
Molybdenum	96-1	1944.24	1952.75	1913.04	1936.68	1.08	ppb
Molybdenum	97-1	1968.83	1965.26	1951.30	1961.80	0.47	ppb
Molybdenum	98-1	1980.88	1956.43	1958.83	1965.38	0.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.05	6.06	5.97	6.03	0.78	ppb
Phosphorus	31-2	105900.66	105938.54	106350.74	106063.31	0.24	ppb
Potassium	39-2	92146.18	91788.23	91292.86	91742.43	0.47	ppb
Rhodium	103-1				91		%
Rhodium	103-2				92		%
Scandium	45-1				98		%
Scandium	45-2				95		%
Selenium	82-1	0.18	0.31	0.13	0.21	46.26	ppb
Selenium	77-2	-0.08	-0.08	-0.08	-0.08		ppb
Selenium	78-2	0.30	-0.06	0.01	0.09	219.08	ppb
Silicon	28-1	15.81	15.58	15.09	15.49	2.35	ppb
Silver	107-1	0.07	0.06	0.06	0.06	7.20	ppb
Silver	109-1	0.07	0.06	0.06	0.07	10.52	ppb
Sodium	23-2	101424.43	100364.61	100255.19	100681.41	0.64	ppb
Strontium	86-1	33.63	33.44	33.29	33.45	0.51	ppb
Strontium	88-1	34.69	34.50	34.85	34.68	0.51	ppb
Sulfur	34-1	110003.50	107738.58	107696.82	108479.63	1.22	ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	0.30	0.35	0.38	0.35	11.64	ppb
Thallium	205-1	0.28	0.35	0.38	0.34	15.01	ppb
Tin	118-1	0.36	0.20	0.19	0.25	37.92	ppb
Titanium	47-1	2045.18	2061.74	2027.54	2044.82	0.84	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	9.21	ppb

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired :	2025-03-17 16:09:26	DataFile Name :	021ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.16	0.17	0.18	0.17	7.06	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				97		%
Zinc	66-2	19.45	19.16	19.10	19.24	0.97	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	5.83	ppb
Zirconium	91-1	0.02	0.02	0.02	0.02	12.19	ppb

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired :	2025-03-17 16:12:34	DataFile Name :	022ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	84310.10	85366.95	87450.00	85709.02	1.86	ppb
Antimony	121-1	22.84	22.91	22.92	22.89	0.19	ppb
Arsenic	75-2	21.05	21.16	21.39	21.20	0.82	ppb
Barium	135-1	33.69	33.31	33.34	33.45	0.63	ppb
Barium	137-1	33.25	33.58	33.57	33.46	0.55	ppb
Beryllium	9-1	20.98	20.89	20.59	20.82	0.97	ppb
Bismuth	209-1				101		%
Bismuth	209-2				95		%
Bromine	81-1						cps
Cadmium	108-1	31.08	30.31	30.58	30.66	1.28	ppb
Cadmium	106-1	15.77	15.98	15.56	15.77	1.34	ppb
Cadmium	111-1	19.89	20.05	20.27	20.07	0.95	ppb
Calcium	43-1	101994.66	99164.22	100754.71	100637.86	1.41	ppb
Calcium	44-1	103463.04	99775.38	103127.50	102121.97	2.00	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	39.91	39.89	40.33	40.05	0.62	ppb
Cobalt	59-2	21.37	21.01	21.42	21.27	1.06	ppb
Copper	63-2	26.40	26.02	26.24	26.22	0.73	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				96		%
Iron	54-2	100580.85	99867.23	100841.06	100429.71	0.50	ppb
Iron	56-2	100256.14	102048.17	100396.61	100900.31	0.99	ppb
Iron	57-2	100702.47	98871.61	100909.41	100161.16	1.12	ppb
Krypton	83-1						cps
Lead	206-1	25.54	24.58	25.81	25.31	2.54	ppb

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired :	2025-03-17 16:12:34	DataFile Name :	022ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	24.86	23.96	24.84	24.55	2.09	ppb
Lead	208-1	25.00	24.09	25.11	24.73	2.25	ppb
Lithium	6-1				98		%
Magnesium	24-2	92893.82	95286.87	93169.01	93783.23	1.40	ppb
Manganese	55-2	24.71	24.97	25.09	24.93	0.78	ppb
Molybdenum	94-1	1644.65	1626.61	1652.48	1641.25	0.81	ppb
Molybdenum	95-1	1962.43	2009.67	2008.15	1993.42	1.35	ppb
Molybdenum	96-1	1931.97	1984.49	1960.36	1958.94	1.34	ppb
Molybdenum	97-1	1981.60	1985.13	1994.48	1987.07	0.33	ppb
Molybdenum	98-1	1982.55	2012.92	2016.50	2003.99	0.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.30	25.46	25.36	25.37	0.31	ppb
Phosphorus	31-2	105324.78	105279.24	105761.63	105455.22	0.25	ppb
Potassium	39-2	92146.86	92519.97	93811.57	92826.13	0.94	ppb
Rhodium	103-1				95		%
Rhodium	103-2				94		%
Scandium	45-1				103		%
Scandium	45-2				99		%
Selenium	82-1	21.85	22.09	21.00	21.65	2.66	ppb
Selenium	77-2	25.19	18.25	20.66	21.37	16.51	ppb
Selenium	78-2	21.02	22.48	20.48	21.33	4.85	ppb
Silicon	28-1	14.64	13.47	17.22	15.11	12.67	ppb
Silver	107-1	18.77	18.73	19.06	18.85	0.96	ppb
Silver	109-1	18.91	18.90	18.83	18.88	0.23	ppb
Sodium	23-2	101553.22	100902.71	99435.35	100630.43	1.08	ppb
Strontium	86-1	33.78	34.46	34.57	34.27	1.26	ppb
Strontium	88-1	35.24	35.41	35.30	35.32	0.23	ppb
Sulfur	34-1	108083.50	106358.33	109745.11	108062.31	1.57	ppb
Terbium	159-1				106		%
Terbium	159-2				102		%
Thallium	203-1	20.02	19.46	20.52	20.00	2.67	ppb
Thallium	205-1	19.99	19.51	20.49	20.00	2.43	ppb
Tin	118-1	0.20	0.20	0.19	0.20	2.15	ppb
Titanium	47-1	2046.05	2043.59	2098.57	2062.74	1.51	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	6.23	ppb

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired :	2025-03-17 16:12:34	DataFile Name :	022ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	20.07	20.15	20.28	20.17	0.53	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				100		%
Zinc	66-2	36.93	37.09	37.68	37.23	1.05	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	4.80	ppb
Zirconium	91-1	0.02	0.03	0.03	0.03	23.69	ppb

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired :	2025-03-17 16:22:28	DataFile Name :	025CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	45358.05	45228.41	45435.35	45340.60	0.23	ppb
Antimony	121-1	504.82	506.85	499.16	503.61	0.79	ppb
Arsenic	75-2	473.68	478.23	479.30	477.07	0.63	ppb
Barium	135-1	2540.22	2513.65	2523.56	2525.81	0.53	ppb
Barium	137-1	2498.62	2512.87	2550.78	2520.76	1.07	ppb
Beryllium	9-1	512.29	503.93	507.82	508.02	0.82	ppb
Bismuth	209-1				93		%
Bismuth	209-2				91		%
Bromine	81-1						cps
Cadmium	108-1	502.35	497.43	500.60	500.13	0.50	ppb
Cadmium	106-1	505.98	503.49	501.71	503.72	0.43	ppb
Cadmium	111-1	502.57	489.91	499.31	497.26	1.32	ppb
Calcium	43-1	250040.38	243328.74	248189.88	247186.33	1.40	ppb
Calcium	44-1	252841.45	239631.92	246066.13	246179.83	2.68	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	491.98	487.42	492.90	490.77	0.60	ppb
Cobalt	59-2	475.64	476.37	487.56	479.85	1.39	ppb
Copper	63-2	4593.82	4623.94	4669.73	4629.17	0.83	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				101		%
Indium	115-1				94		%
Indium	115-2				93		%
Iron	54-2	119770.41	117160.54	118397.48	118442.81	1.10	ppb
Iron	56-2	118347.89	116353.02	118043.07	117581.32	0.91	ppb
Iron	57-2	118005.66	115753.30	117775.35	117178.10	1.06	ppb
Krypton	83-1						cps
Lead	206-1	2553.03	2433.38	2473.82	2486.75	2.45	ppb

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired :	2025-03-17 16:22:28	DataFile Name :	025CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2562.25	2473.50	2497.81	2511.19	1.83	ppb
Lead	208-1	2556.23	2486.27	2503.32	2515.28	1.45	ppb
Lithium	6-1				96		%
Magnesium	24-2	235104.58	233078.31	236553.07	234911.99	0.74	ppb
Manganese	55-2	4976.69	4946.60	4938.54	4953.94	0.41	ppb
Molybdenum	94-1	5078.25	4890.11	4865.27	4944.54	2.36	ppb
Molybdenum	95-1	5068.37	4817.22	4807.92	4897.84	3.02	ppb
Molybdenum	96-1	5071.60	4786.72	4843.25	4900.52	3.08	ppb
Molybdenum	97-1	5022.13	4844.61	4865.89	4910.88	1.97	ppb
Molybdenum	98-1	5088.41	4921.16	4952.34	4987.30	1.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	513.88	504.46	508.82	509.06	0.93	ppb
Phosphorus	31-2	9996.73	9881.64	9896.00	9924.79	0.63	ppb
Potassium	39-2	115129.82	114092.36	113171.12	114131.10	0.86	ppb
Rhodium	103-1				89		%
Rhodium	103-2				89		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	82-1	482.93	471.97	464.99	473.30	1.91	ppb
Selenium	77-2	473.02	477.50	481.92	477.48	0.93	ppb
Selenium	78-2	478.74	481.37	485.33	481.81	0.69	ppb
Silicon	28-1	439.10	415.90	430.56	428.52	2.74	ppb
Silver	107-1	492.77	495.04	491.31	493.04	0.38	ppb
Silver	109-1	485.72	496.11	484.22	488.68	1.33	ppb
Sodium	23-2	237451.38	234813.32	237635.07	236633.25	0.67	ppb
Strontium	86-1	504.57	488.55	490.93	494.68	1.75	ppb
Strontium	88-1	495.13	496.02	497.05	496.07	0.19	ppb
Sulfur	34-1	10146.37	9488.56	9474.75	9703.23	3.96	ppb
Terbium	159-1				100		%
Terbium	159-2				101		%
Thallium	203-1	516.42	494.64	501.71	504.26	2.20	ppb
Thallium	205-1	508.07	492.35	488.56	496.33	2.08	ppb
Tin	118-1	506.22	510.00	505.05	507.09	0.51	ppb
Titanium	47-1	5057.83	4818.22	4906.78	4927.61	2.46	ppb
Uranium	238-1	518.76	501.92	508.47	509.72	1.67	ppb

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired :	2025-03-17 16:22:28	DataFile Name :	025CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	504.21	498.54	499.40	500.72	0.61	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	4751.74	4684.56	4736.51	4724.27	0.75	ppb
Zirconium	90-1	513.77	492.95	488.38	498.37	2.72	ppb
Zirconium	91-1	507.79	486.33	481.64	491.92	2.83	ppb

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired :	2025-03-17 16:25:10	DataFile Name :	026CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.17	-0.26	0.37	0.09	356.16	ppb
Antimony	121-1	0.08	0.08	0.10	0.09	12.73	ppb
Arsenic	75-2	0.01	0.00	0.03	0.01	128.12	ppb
Barium	135-1	0.02	0.02	0.02	0.02	13.16	ppb
Barium	137-1	0.04	0.02	0.02	0.02	42.56	ppb
Beryllium	9-1	0.13	0.12	0.11	0.12	5.21	ppb
Bismuth	209-1				111		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Cadmium	108-1	0.07	0.03	0.02	0.04	68.65	ppb
Cadmium	106-1	-0.46	-0.62	-0.58	-0.55		ppb
Cadmium	111-1	0.00	0.00	0.00	0.00	180.85	ppb
Calcium	43-1	-1.82	-3.76	-4.01	-3.20		ppb
Calcium	44-1	-0.92	-1.71	-0.25	-0.96		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	0.02	-0.01	0.01	217.34	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	62.90	ppb
Copper	63-2	0.05	0.04	0.03	0.04	30.66	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				107		%
Holmium	165-2				108		%
Indium	115-1				109		%
Indium	115-2				106		%
Iron	54-2	1.12	1.49	1.22	1.28	14.98	ppb
Iron	56-2	1.17	1.24	1.22	1.21	3.09	ppb
Iron	57-2	0.90	1.46	0.86	1.07	31.22	ppb
Krypton	83-1						cps
Lead	206-1	0.10	0.08	0.09	0.09	11.97	ppb

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired :	2025-03-17 16:25:10	DataFile Name :	026CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.11	0.09	0.08	0.09	16.01	ppb
Lead	208-1	0.10	0.09	0.09	0.09	10.05	ppb
Lithium	6-1				104		%
Magnesium	24-2	0.41	0.55	0.54	0.50	16.24	ppb
Manganese	55-2	0.04	0.04	0.07	0.05	30.04	ppb
Molybdenum	94-1	0.17	0.14	0.13	0.15	16.42	ppb
Molybdenum	95-1	0.16	0.12	0.11	0.13	20.53	ppb
Molybdenum	96-1	0.15	0.12	0.11	0.13	18.64	ppb
Molybdenum	97-1	0.15	0.10	0.10	0.12	24.74	ppb
Molybdenum	98-1	0.15	0.11	0.11	0.13	20.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.06	0.09	0.07	0.07	18.30	ppb
Phosphorus	31-2	-21.25	-22.41	-20.43	-21.37		ppb
Potassium	39-2	32.62	32.92	30.42	31.99	4.26	ppb
Rhodium	103-1				105		%
Rhodium	103-2				104		%
Scandium	45-1				106		%
Scandium	45-2				100		%
Selenium	82-1	0.12	-0.06	0.04	0.03	259.77	ppb
Selenium	77-2	0.14	-0.08	0.15	0.07	180.81	ppb
Selenium	78-2	0.17	-0.01	0.27	0.15	97.02	ppb
Silicon	28-1	-3.60	0.44	-2.56	-1.91		ppb
Silver	107-1	0.06	0.05	0.04	0.05	13.70	ppb
Silver	109-1	0.06	0.04	0.04	0.05	16.82	ppb
Sodium	23-2	78.17	76.26	75.17	76.53	1.98	ppb
Strontium	86-1	-0.01	0.00	-0.01	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	15.94	ppb
Sulfur	34-1	-1492.77	-1463.54	-1364.01	-1440.10		ppb
Terbium	159-1				108		%
Terbium	159-2				107		%
Thallium	203-1	0.15	0.14	0.14	0.14	5.12	ppb
Thallium	205-1	0.15	0.15	0.14	0.15	4.49	ppb
Tin	118-1	0.00	0.02	0.00	0.00	280.88	ppb
Titanium	47-1	0.08	0.04	0.04	0.05	35.58	ppb
Uranium	238-1	0.01	0.00	0.00	0.00	55.98	ppb

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired :	2025-03-17 16:25:10	DataFile Name :	026CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	0.00	0.01	0.00	21.76	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				104		%
Zinc	66-2	0.23	0.22	0.22	0.22	1.09	ppb
Zirconium	90-1	0.03	0.03	0.02	0.02	11.94	ppb
Zirconium	91-1	0.02	0.02	0.03	0.02	8.92	ppb

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2025-03-17 16:28:31	DataFile Name :	027LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.07	20.37	20.25	19.90	3.61	ppb
Antimony	121-1	2.16	2.18	2.16	2.17	0.56	ppb
Arsenic	75-2	1.20	1.10	1.12	1.14	4.76	ppb
Barium	135-1	10.49	10.62	10.35	10.49	1.29	ppb
Barium	137-1	10.55	10.61	10.67	10.61	0.57	ppb
Beryllium	9-1	1.15	1.13	1.14	1.14	0.68	ppb
Bismuth	209-1				108		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Cadmium	108-1	1.27	1.16	1.15	1.19	5.71	ppb
Cadmium	106-1	0.46	0.72	0.71	0.63	23.36	ppb
Cadmium	111-1	1.09	1.15	1.14	1.13	2.54	ppb
Calcium	43-1	521.71	510.64	530.46	520.94	1.91	ppb
Calcium	44-1	553.97	564.26	557.61	558.61	0.93	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.15	2.06	2.19	2.13	3.02	ppb
Cobalt	59-2	1.14	1.14	1.14	1.14	0.06	ppb
Copper	63-2	2.03	2.04	2.05	2.04	0.38	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				108		%
Holmium	165-2				107		%
Indium	115-1				109		%
Indium	115-2				107		%
Iron	54-2	55.63	57.46	55.41	56.17	2.01	ppb
Iron	56-2	54.45	54.70	54.37	54.51	0.32	ppb
Iron	57-2	53.03	54.75	52.40	53.39	2.27	ppb
Krypton	83-1						cps
Lead	206-1	1.03	1.03	1.04	1.03	0.69	ppb

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2025-03-17 16:28:31	DataFile Name :	027LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	1.03	1.05	1.04	1.04	1.12	ppb
Lead	208-1	1.03	1.04	1.04	1.04	0.55	ppb
Lithium	6-1				107		%
Magnesium	24-2	521.90	516.69	518.51	519.03	0.51	ppb
Manganese	55-2	0.98	0.91	0.94	0.95	3.66	ppb
Molybdenum	94-1	5.97	6.02	6.11	6.03	1.21	ppb
Molybdenum	95-1	5.03	4.95	5.06	5.02	1.10	ppb
Molybdenum	96-1	5.15	5.04	5.14	5.11	1.13	ppb
Molybdenum	97-1	5.07	5.02	5.08	5.06	0.60	ppb
Molybdenum	98-1	5.08	5.00	5.05	5.05	0.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.14	1.14	1.07	1.12	3.48	ppb
Phosphorus	31-2	19.71	23.10	18.12	20.31	12.54	ppb
Potassium	39-2	500.71	502.02	504.89	502.54	0.43	ppb
Rhodium	103-1				106		%
Rhodium	103-2				106		%
Scandium	45-1				107		%
Scandium	45-2				103		%
Selenium	82-1	5.44	5.69	5.52	5.55	2.27	ppb
Selenium	77-2	3.44	4.47	6.66	4.86	33.86	ppb
Selenium	78-2	7.01	6.84	5.48	6.44	12.98	ppb
Silicon	28-1	-1.04	-1.85	-1.04	-1.31		ppb
Silver	107-1	1.08	1.09	1.09	1.08	0.60	ppb
Silver	109-1	1.08	1.10	1.11	1.10	1.11	ppb
Sodium	23-2	563.51	554.42	558.08	558.67	0.82	ppb
Strontium	86-1	1.04	1.04	1.06	1.05	0.96	ppb
Strontium	88-1	1.02	1.03	1.03	1.03	0.58	ppb
Sulfur	34-1	-878.20	-940.66	-656.61	-825.16		ppb
Terbium	159-1				108		%
Terbium	159-2				108		%
Thallium	203-1	1.06	1.07	1.05	1.06	1.10	ppb
Thallium	205-1	1.05	1.07	1.07	1.06	1.16	ppb
Tin	118-1	5.36	5.45	5.37	5.39	0.91	ppb
Titanium	47-1	5.24	5.02	5.18	5.15	2.18	ppb
Uranium	238-1	0.95	0.95	0.96	0.95	0.58	ppb

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2025-03-17 16:28:31	DataFile Name :	027LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	5.34	5.32	5.37	5.34	0.53	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	5.21	5.40	3.08	ppb
Zirconium	90-1	0.98	1.01	1.00	1.00	1.19	ppb
Zirconium	91-1	0.99	1.00	1.01	1.00	0.77	ppb

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	PB167080BL	Instrumnet Name :	P8
Client Sample ID :	PB167080BL	Dilution Factor :	1
Date & Time Acquired :	2025-03-17 16:35:06	DataFile Name :	029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.23	-0.11	-0.27	-0.20		ppb
Antimony	121-1	0.01	0.01	0.01	0.01	24.83	ppb
Arsenic	75-2	0.01	0.00	-0.01	0.00		ppb
Barium	135-1	0.00	-0.01	0.00	0.00		ppb
Barium	137-1	-0.01	-0.01	-0.01	-0.01		ppb
Beryllium	9-1	0.04	0.05	0.04	0.04	7.06	ppb
Bismuth	209-1				110		%
Bismuth	209-2				109		%
Bromine	81-1						cps
Cadmium	108-1	-0.01	-0.02	0.00	-0.01		ppb
Cadmium	106-1	-0.37	-0.56	-0.52	-0.48		ppb
Cadmium	111-1	-0.02	-0.03	-0.02	-0.02		ppb
Calcium	43-1	-6.21	-6.60	-5.96	-6.26		ppb
Calcium	44-1	-4.14	-4.06	-4.47	-4.23		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	-0.03	-0.01	-0.02		ppb
Cobalt	59-2	0.00	-0.01	0.00	0.00		ppb
Copper	63-2	-0.07	-0.07	-0.08	-0.07		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				108		%
Indium	115-1				111		%
Indium	115-2				109		%
Iron	54-2	-0.12	-0.10	-0.21	-0.15		ppb
Iron	56-2	-0.12	-0.11	-0.06	-0.10		ppb
Iron	57-2	-0.09	-0.21	-0.17	-0.15		ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.01	0.02	0.02	18.91	ppb

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	PB167080BL	Instrumnet Name :	P8
Client Sample ID :	PB167080BL	Dilution Factor :	1
Date & Time Acquired :	2025-03-17 16:35:06	DataFile Name :	029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.03	0.02	0.03	0.02	10.52	ppb
Lead	208-1	0.02	0.02	0.02	0.02	5.32	ppb
Lithium	6-1				104		%
Magnesium	24-2	-1.20	-1.16	-0.97	-1.11		ppb
Manganese	55-2	-0.09	-0.06	-0.06	-0.07		ppb
Molybdenum	94-1	0.01	0.00	0.01	0.01	58.90	ppb
Molybdenum	95-1	0.01	0.00	0.01	0.00	136.51	ppb
Molybdenum	96-1	0.01	0.00	0.00	0.00	115.07	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00		ppb
Molybdenum	98-1	0.01	0.00	0.00	0.00	22.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.01	0.01	0.00		ppb
Phosphorus	31-2	-19.87	-20.21	-18.88	-19.66		ppb
Potassium	39-2	8.31	9.72	8.54	8.85	8.52	ppb
Rhodium	103-1				109		%
Rhodium	103-2				107		%
Scandium	45-1				108		%
Scandium	45-2				106		%
Selenium	82-1	0.05	-0.02	0.02	0.02	240.67	ppb
Selenium	77-2	0.14	0.14	0.58	0.29	89.30	ppb
Selenium	78-2	0.03	-0.04	0.43	0.14	179.03	ppb
Silicon	28-1	-7.34	-6.61	-7.03	-6.99		ppb
Silver	107-1	0.01	0.01	0.01	0.01	9.46	ppb
Silver	109-1	0.01	0.01	0.01	0.01	6.27	ppb
Sodium	23-2	24.93	24.71	26.31	25.32	3.43	ppb
Strontium	86-1	-0.02	-0.02	-0.01	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-832.79	-575.67	-768.84	-725.77		ppb
Terbium	159-1				108		%
Terbium	159-2				109		%
Thallium	203-1	0.04	0.04	0.04	0.04	1.78	ppb
Thallium	205-1	0.04	0.04	0.04	0.04	6.98	ppb
Tin	118-1	-0.02	-0.01	-0.01	-0.01		ppb
Titanium	47-1	0.00	0.00	0.00	0.00		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	PB167080BL	Instrumnet Name :	P8
Client Sample ID :	PB167080BL	Dilution Factor :	1
Date & Time Acquired :	2025-03-17 16:35:06	DataFile Name :	029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	0.00	0.00	0.00	506.80	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				109		%
Zinc	66-2	0.14	0.18	0.11	0.15	21.50	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00		ppb
Zirconium	91-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	PB167080BS	Instrumnet Name :	P8
Client Sample ID :	PB167080BS	Dilution Factor :	1
Date & Time Acquired :	2025-03-17 16:38:23	DataFile Name :	030LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10015.20	9786.02	9918.62	9906.61	1.16	ppb
Antimony	121-1	543.85	540.65	536.69	540.40	0.66	ppb
Arsenic	75-2	525.90	531.95	529.31	529.05	0.57	ppb
Barium	135-1	2760.23	2735.56	2737.90	2744.57	0.50	ppb
Barium	137-1	2691.27	2680.05	2683.81	2685.04	0.21	ppb
Beryllium	9-1	532.52	548.29	543.49	541.43	1.49	ppb
Bismuth	209-1				107		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Cadmium	108-1	544.66	536.57	539.73	540.32	0.75	ppb
Cadmium	106-1	547.02	545.30	542.20	544.84	0.45	ppb
Cadmium	111-1	546.25	546.93	546.71	546.63	0.06	ppb
Calcium	43-1	53670.44	54116.29	55580.19	54455.64	1.83	ppb
Calcium	44-1	54485.16	54429.59	54451.90	54455.55	0.05	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	537.26	526.45	550.33	538.01	2.22	ppb
Cobalt	59-2	537.87	537.57	533.00	536.15	0.51	ppb
Copper	63-2	5409.29	5346.87	5444.04	5400.07	0.91	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				108		%
Indium	115-1				103		%
Indium	115-2				98		%
Iron	54-2	27032.09	26585.05	27554.69	27057.28	1.79	ppb
Iron	56-2	26027.76	25858.64	27131.05	26339.15	2.62	ppb
Iron	57-2	26393.81	26602.72	26981.95	26659.49	1.12	ppb
Krypton	83-1						cps
Lead	206-1	2682.77	2586.85	2705.36	2658.32	2.37	ppb

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	PB167080BS	Instrumnet Name :	P8
Client Sample ID :	PB167080BS	Dilution Factor :	1
Date & Time Acquired :	2025-03-17 16:38:23	DataFile Name :	030LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2650.58	2624.82	2727.33	2667.57	2.00	ppb
Lead	208-1	2656.25	2636.03	2722.03	2671.44	1.68	ppb
Lithium	6-1				102		%
Magnesium	24-2	53311.81	52260.36	53163.64	52911.93	1.08	ppb
Manganese	55-2	5347.06	5314.81	5533.07	5398.31	2.18	ppb
Molybdenum	94-1	5376.73	5432.26	5281.45	5363.48	1.42	ppb
Molybdenum	95-1	5378.16	5450.22	5276.29	5368.22	1.63	ppb
Molybdenum	96-1	5387.00	5501.17	5197.05	5361.74	2.87	ppb
Molybdenum	97-1	5321.79	5415.33	5145.49	5294.20	2.59	ppb
Molybdenum	98-1	5346.96	5368.32	5265.79	5327.02	1.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	548.13	549.10	550.62	549.28	0.23	ppb
Phosphorus	31-2	10646.28	10586.69	10691.69	10641.55	0.49	ppb
Potassium	39-2	24172.28	24350.31	24750.22	24424.27	1.21	ppb
Rhodium	103-1				98		%
Rhodium	103-2				97		%
Scandium	45-1				103		%
Scandium	45-2				100		%
Selenium	82-1	537.02	543.03	518.71	532.92	2.38	ppb
Selenium	77-2	521.14	530.48	537.31	529.64	1.53	ppb
Selenium	78-2	533.41	555.73	528.05	539.06	2.72	ppb
Silicon	28-1	435.74	419.41	435.65	430.27	2.18	ppb
Silver	107-1	549.48	539.26	547.86	545.53	1.01	ppb
Silver	109-1	545.37	544.30	539.40	543.02	0.59	ppb
Sodium	23-2	52717.83	52294.85	52469.92	52494.20	0.40	ppb
Strontium	86-1	535.14	529.07	524.15	529.45	1.04	ppb
Strontium	88-1	534.94	543.92	529.20	536.02	1.38	ppb
Sulfur	34-1	11089.00	10327.92	10563.69	10660.20	3.65	ppb
Terbium	159-1				109		%
Terbium	159-2				107		%
Thallium	203-1	533.42	516.86	544.73	531.67	2.64	ppb
Thallium	205-1	533.78	510.81	525.05	523.21	2.22	ppb
Tin	118-1	534.02	534.80	535.12	534.65	0.11	ppb
Titanium	47-1	5389.87	5359.04	5301.40	5350.10	0.84	ppb
Uranium	238-1	515.72	507.64	541.42	521.59	3.38	ppb

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	PB167080BS	Instrumnet Name :	P8
Client Sample ID :	PB167080BS	Dilution Factor :	1
Date & Time Acquired :	2025-03-17 16:38:23	DataFile Name :	030LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	535.82	531.15	551.24	539.41	1.95	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				100		%
Zinc	66-2	5317.10	5311.41	5445.13	5357.88	1.41	ppb
Zirconium	90-1	537.52	541.65	526.26	535.14	1.49	ppb
Zirconium	91-1	537.44	544.46	520.33	534.08	2.32	ppb

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	Q1528-02DLX5	Instrumnet Name :	P8
Client Sample ID :	22725DL	Dilution Factor :	5
Date & Time Acquired :	2025-03-17 16:41:06	DataFile Name :	031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1617.94	1604.17	1609.79	1610.63	0.43	ppb
Antimony	121-1	6.85	6.89	6.89	6.88	0.36	ppb
Arsenic	75-2	167.42	172.53	180.06	173.34	3.67	ppb
Barium	135-1	20.07	20.30	19.88	20.08	1.04	ppb
Barium	137-1	20.15	20.37	20.14	20.22	0.63	ppb
Beryllium	9-1	0.12	0.12	0.11	0.11	3.96	ppb
Bismuth	209-1				175		%
Bismuth	209-2				161		%
Bromine	81-1						cps
Cadmium	108-1	0.99	0.97	0.91	0.96	4.09	ppb
Cadmium	106-1	0.64	0.51	0.54	0.56	12.11	ppb
Cadmium	111-1	0.24	0.22	0.21	0.22	5.82	ppb
Calcium	43-1	1959.53	1930.45	1923.02	1937.67	1.00	ppb
Calcium	44-1	3247.97	3154.61	3167.02	3189.87	1.59	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	6.07	6.07	6.05	6.07	0.20	ppb
Cobalt	59-2	1.82	1.82	1.81	1.82	0.34	ppb
Copper	63-2	51.95	52.00	51.73	51.89	0.28	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				166		%
Holmium	165-2				156		%
Indium	115-1				163		%
Indium	115-2				146		%
Iron	54-2	5625.46	5523.32	5557.31	5568.70	0.93	ppb
Iron	56-2	5523.09	5545.29	5449.85	5506.08	0.91	ppb
Iron	57-2	5586.04	5591.19	5293.05	5490.09	3.11	ppb
Krypton	83-1						cps
Lead	206-1	15.80	15.86	15.64	15.77	0.72	ppb

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	Q1528-02DLX5	Instrumnet Name :	P8
Client Sample ID :	22725DL	Dilution Factor :	5
Date & Time Acquired :	2025-03-17 16:41:06	DataFile Name :	031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	15.69	15.80	15.60	15.70	0.63	ppb
Lead	208-1	15.70	15.80	15.61	15.71	0.61	ppb
Lithium	6-1				168		%
Magnesium	24-2	970.12	972.88	964.55	969.18	0.44	ppb
Manganese	55-2	46.09	45.77	45.56	45.81	0.58	ppb
Molybdenum	94-1	6.05	6.22	5.86	6.04	2.99	ppb
Molybdenum	95-1	2.27	2.42	2.41	2.36	3.49	ppb
Molybdenum	96-1	2.60	2.67	2.59	2.62	1.61	ppb
Molybdenum	97-1	2.22	2.25	2.26	2.24	0.77	ppb
Molybdenum	98-1	2.20	2.23	2.16	2.20	1.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.19	5.20	5.05	5.15	1.63	ppb
Phosphorus	31-2	104678.16	100114.90	99090.92	101294.66	2.94	ppb
Potassium	39-2	137081.65	138368.95	136413.15	137287.91	0.72	ppb
Rhodium	103-1				160		%
Rhodium	103-2				148		%
Scandium	45-1				160		%
Scandium	45-2				138		%
Selenium	82-1	40.68	45.79	44.18	43.55	6.00	ppb
Selenium	77-2	42.47	44.22	38.83	41.84	6.58	ppb
Selenium	78-2	41.74	40.07	41.05	40.95	2.06	ppb
Silicon	28-1	4309.00	4160.36	4175.41	4214.93	1.94	ppb
Silver	107-1	0.10	0.09	0.09	0.09	3.12	ppb
Silver	109-1	0.10	0.10	0.09	0.09	6.22	ppb
Sodium	23-2	45906.38	45212.87	45361.48	45493.58	0.80	ppb
Strontium	86-1	8.69	8.96	8.74	8.80	1.59	ppb
Strontium	88-1	9.32	9.17	9.24	9.24	0.82	ppb
Sulfur	34-1	5315.73	4857.31	4855.06	5009.37	5.30	ppb
Terbium	159-1				166		%
Terbium	159-2				155		%
Thallium	203-1	0.26	0.24	0.22	0.24	8.35	ppb
Thallium	205-1	0.25	0.24	0.22	0.24	7.61	ppb
Tin	118-1	2.47	2.53	2.47	2.49	1.43	ppb
Titanium	47-1	84.50	82.30	82.69	83.16	1.41	ppb
Uranium	238-1	0.10	0.10	0.11	0.10	2.03	ppb

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	Q1528-02DLX5	Instrumnet Name :	P8
Client Sample ID :	22725DL	Dilution Factor :	5
Date & Time Acquired :	2025-03-17 16:41:06	DataFile Name :	031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	5.72	5.68	5.63	5.68	0.81	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				157		%
Yttrium	89-2				141		%
Zinc	66-2	417.50	413.43	412.56	414.50	0.64	ppb
Zirconium	90-1	2.41	2.38	2.26	2.35	3.21	ppb
Zirconium	91-1	2.40	2.42	2.30	2.37	2.81	ppb

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	Q1538-01DLX5	Instrumnet Name :	P8
Client Sample ID :	BELL-25-0004DL	Dilution Factor :	5
Date & Time Acquired :	2025-03-17 16:44:17	DataFile Name :	032AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4534.65	4527.87	4593.10	4551.87	0.79	ppb
Antimony	121-1	2.80	2.77	2.75	2.77	0.85	ppb
Arsenic	75-2	54.75	57.33	58.38	56.82	3.29	ppb
Barium	135-1	21.23	21.07	20.80	21.03	1.02	ppb
Barium	137-1	20.98	21.12	20.84	20.98	0.68	ppb
Beryllium	9-1	0.08	0.08	0.08	0.08	1.34	ppb
Bismuth	209-1				127		%
Bismuth	209-2				119		%
Bromine	81-1						cps
Cadmium	108-1	188.41	182.81	181.50	184.24	1.99	ppb
Cadmium	106-1	0.38	0.15	0.75	0.43	71.44	ppb
Cadmium	111-1	6.45	6.53	6.48	6.49	0.67	ppb
Calcium	43-1	1785.76	1757.21	1764.76	1769.24	0.84	ppb
Calcium	44-1	3357.40	3428.12	3429.09	3404.87	1.21	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.35	3.47	3.46	3.42	1.96	ppb
Cobalt	59-2	0.26	0.24	0.26	0.25	4.43	ppb
Copper	63-2	369.44	358.76	368.53	365.57	1.62	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				128		%
Holmium	165-2				124		%
Indium	115-1				122		%
Indium	115-2				117		%
Iron	54-2	96.76	95.27	97.76	96.60	1.30	ppb
Iron	56-2	94.18	94.27	95.29	94.58	0.65	ppb
Iron	57-2	92.91	91.54	96.37	93.61	2.66	ppb
Krypton	83-1						cps
Lead	206-1	22.82	22.99	22.34	22.72	1.50	ppb

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	Q1538-01DLX5	Instrumnet Name :	P8
Client Sample ID :	BELL-25-0004DL	Dilution Factor :	5
Date & Time Acquired :	2025-03-17 16:44:17	DataFile Name :	032AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	21.91	22.35	21.56	21.94	1.80	ppb
Lead	208-1	22.24	22.47	21.88	22.20	1.35	ppb
Lithium	6-1				132		%
Magnesium	24-2	1212.10	1214.03	1231.18	1219.10	0.86	ppb
Manganese	55-2	120.54	119.58	123.04	121.05	1.48	ppb
Molybdenum	94-1	21220.21	21487.13	21551.72	21419.69	0.82	ppb
Molybdenum	95-1	26153.19	26553.45	25830.00	26178.88	1.38	ppb
Molybdenum	96-1	25507.63	25929.92	25661.17	25699.57	0.83	ppb
Molybdenum	97-1	25991.62	26219.41	26029.11	26080.05	0.47	ppb
Molybdenum	98-1	25618.13	26561.86	25961.11	26047.03	1.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.57	2.53	2.61	2.57	1.45	ppb
Phosphorus	31-2	19557.28	19303.42	19690.35	19517.01	1.01	ppb
Potassium	39-2	736734.91	733993.12	738524.53	736417.52	0.31	ppb
Rhodium	103-1				118		%
Rhodium	103-2				113		%
Scandium	45-1				128		%
Scandium	45-2				113		%
Selenium	82-1	28.08	29.45	29.37	28.97	2.67	ppb
Selenium	77-2	21.93	21.17	23.71	22.27	5.86	ppb
Selenium	78-2	24.09	21.92	24.00	23.34	5.26	ppb
Silicon	28-1	7619.37	7894.39	7987.76	7833.84	2.44	ppb
Silver	107-1	0.10	0.10	0.10	0.10	2.49	ppb
Silver	109-1	0.12	0.11	0.12	0.12	2.35	ppb
Sodium	23-2	392844.56	387156.07	392423.06	390807.90	0.81	ppb
Strontium	86-1	72.31	72.85	70.79	71.98	1.48	ppb
Strontium	88-1	76.26	76.67	76.67	76.53	0.31	ppb
Sulfur	34-1	10756.48	10801.95	10799.02	10785.82	0.24	ppb
Terbium	159-1				126		%
Terbium	159-2				124		%
Thallium	203-1	0.24	0.23	0.22	0.23	5.35	ppb
Thallium	205-1	0.24	0.23	0.22	0.23	4.99	ppb
Tin	118-1	2.21	2.21	2.23	2.22	0.41	ppb
Titanium	47-1	14.45	13.68	13.01	13.72	5.26	ppb
Uranium	238-1	0.04	0.04	0.04	0.04	2.82	ppb

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	Q1538-01DLX5	Instrumnet Name :	P8
Client Sample ID :	BELL-25-0004DL	Dilution Factor :	5
Date & Time Acquired :	2025-03-17 16:44:17	DataFile Name :	032AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	2.78	2.70	2.80	2.76	1.88	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				123		%
Yttrium	89-2				118		%
Zinc	66-2	2095.05	2116.24	2090.92	2100.74	0.65	ppb
Zirconium	90-1	0.29	0.30	0.29	0.29	1.67	ppb
Zirconium	91-1	0.30	0.33	0.32	0.31	4.59	ppb

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	Q1538-01DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	BELL-25-0004DUPDL	Dilution Factor :	5
Date & Time Acquired :	2025-03-17 16:47:35	DataFile Name :	033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4668.44	4710.45	4689.25	4689.38	0.45	ppb
Antimony	121-1	2.72	2.73	2.74	2.73	0.27	ppb
Arsenic	75-2	56.07	56.07	56.76	56.30	0.71	ppb
Barium	135-1	20.92	21.14	21.01	21.02	0.52	ppb
Barium	137-1	20.78	21.07	21.03	20.96	0.74	ppb
Beryllium	9-1	0.10	0.09	0.09	0.09	4.00	ppb
Bismuth	209-1				123		%
Bismuth	209-2				126		%
Bromine	81-1						cps
Cadmium	108-1	186.40	191.27	187.31	188.33	1.37	ppb
Cadmium	106-1	0.40	0.26	0.64	0.43	44.64	ppb
Cadmium	111-1	6.49	6.55	6.59	6.54	0.74	ppb
Calcium	43-1	1843.50	1777.03	1786.01	1802.18	2.00	ppb
Calcium	44-1	3499.73	3486.48	3568.38	3518.19	1.25	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.45	3.45	3.41	3.44	0.69	ppb
Cobalt	59-2	0.25	0.26	0.25	0.25	2.59	ppb
Copper	63-2	367.97	377.56	366.75	370.76	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				122		%
Holmium	165-2				128		%
Indium	115-1				120		%
Indium	115-2				123		%
Iron	54-2	99.86	100.75	99.56	100.06	0.61	ppb
Iron	56-2	96.24	98.95	98.62	97.94	1.51	ppb
Iron	57-2	97.17	95.52	98.94	97.21	1.76	ppb
Krypton	83-1						cps
Lead	206-1	22.74	22.61	22.56	22.64	0.42	ppb

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	Q1538-01DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	BELL-25-0004DUPDL	Dilution Factor :	5
Date & Time Acquired :	2025-03-17 16:47:35	DataFile Name :	033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	21.68	21.74	21.78	21.74	0.23	ppb
Lead	208-1	22.18	22.08	22.02	22.09	0.38	ppb
Lithium	6-1				131		%
Magnesium	24-2	1239.79	1249.99	1250.67	1246.82	0.49	ppb
Manganese	55-2	122.02	123.88	123.72	123.21	0.84	ppb
Molybdenum	94-1	21289.37	21526.38	21253.50	21356.41	0.69	ppb
Molybdenum	95-1	25905.67	26095.60	26080.13	26027.13	0.41	ppb
Molybdenum	96-1	25573.83	25619.31	25597.65	25596.93	0.09	ppb
Molybdenum	97-1	25490.50	26259.42	25983.52	25911.15	1.50	ppb
Molybdenum	98-1	26269.20	26169.55	26070.17	26169.64	0.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.51	1.51	1.52	1.52	0.49	ppb
Phosphorus	31-2	19868.41	20292.50	20548.08	20236.33	1.70	ppb
Potassium	39-2	744290.13	763520.79	746672.82	751494.58	1.39	ppb
Rhodium	103-1				115		%
Rhodium	103-2				119		%
Scandium	45-1				126		%
Scandium	45-2				119		%
Selenium	82-1	28.24	27.91	27.75	27.96	0.89	ppb
Selenium	77-2	20.88	16.74	20.75	19.46	12.11	ppb
Selenium	78-2	20.23	20.42	20.84	20.50	1.53	ppb
Silicon	28-1	8184.74	8201.06	8410.27	8265.36	1.52	ppb
Silver	107-1	0.09	0.09	0.09	0.09	1.12	ppb
Silver	109-1	0.11	0.11	0.12	0.11	1.56	ppb
Sodium	23-2	401573.23	409130.97	397172.03	402625.41	1.50	ppb
Strontium	86-1	71.47	71.63	71.31	71.47	0.23	ppb
Strontium	88-1	76.77	77.13	76.03	76.64	0.73	ppb
Sulfur	34-1	11544.33	11055.44	10886.91	11162.23	3.06	ppb
Terbium	159-1				122		%
Terbium	159-2				129		%
Thallium	203-1	0.18	0.18	0.18	0.18	2.26	ppb
Thallium	205-1	0.18	0.18	0.17	0.18	3.40	ppb
Tin	118-1	2.22	2.28	2.27	2.26	1.30	ppb
Titanium	47-1	13.29	13.08	13.04	13.14	1.03	ppb
Uranium	238-1	0.04	0.04	0.04	0.04	1.99	ppb

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	Q1538-01DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	BELL-25-0004DUPDL	Dilution Factor :	5
Date & Time Acquired :	2025-03-17 16:47:35	DataFile Name :	033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	2.75	2.79	2.71	2.75	1.59	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				121		%
Yttrium	89-2				124		%
Zinc	66-2	2132.95	2154.72	2126.07	2137.92	0.70	ppb
Zirconium	90-1	0.25	0.26	0.26	0.26	0.84	ppb
Zirconium	91-1	0.29	0.28	0.28	0.28	2.55	ppb

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	Q1538-01LDLX25	Instrumnet Name :	P8
Client Sample ID :	BELL-25-0004LDL	Dilution Factor :	25
Date & Time Acquired :	2025-03-17 16:50:51	DataFile Name :	034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	912.35	923.04	923.71	919.70	0.69	ppb
Antimony	121-1	0.48	0.48	0.47	0.48	0.90	ppb
Arsenic	75-2	6.75	6.75	6.61	6.70	1.21	ppb
Barium	135-1	4.33	4.40	4.33	4.35	0.99	ppb
Barium	137-1	4.40	4.39	4.29	4.36	1.40	ppb
Beryllium	9-1	0.07	0.07	0.07	0.07	3.85	ppb
Bismuth	209-1				112		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Cadmium	108-1	38.41	38.46	38.07	38.31	0.55	ppb
Cadmium	106-1	-1.26	-1.13	-1.88	-1.42		ppb
Cadmium	111-1	1.24	1.24	1.18	1.22	2.61	ppb
Calcium	43-1	430.05	434.22	447.51	437.26	2.09	ppb
Calcium	44-1	872.08	890.62	885.68	882.80	1.09	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.72	0.73	0.72	0.72	1.29	ppb
Cobalt	59-2	0.05	0.06	0.05	0.05	6.92	ppb
Copper	63-2	69.73	70.45	71.20	70.46	1.04	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				113		%
Indium	115-1				109		%
Indium	115-2				107		%
Iron	54-2	32.92	32.43	32.65	32.67	0.75	ppb
Iron	56-2	31.72	31.89	32.24	31.95	0.83	ppb
Iron	57-2	32.25	32.34	32.65	32.41	0.64	ppb
Krypton	83-1						cps
Lead	206-1	4.67	4.79	4.74	4.73	1.24	ppb

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	Q1538-01LDLX25	Instrumnet Name :	P8
Client Sample ID :	BELL-25-0004LDL	Dilution Factor :	25
Date & Time Acquired :	2025-03-17 16:50:51	DataFile Name :	034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	4.68	4.60	4.60	4.62	0.95	ppb
Lead	208-1	4.66	4.70	4.63	4.67	0.74	ppb
Lithium	6-1				116		%
Magnesium	24-2	248.16	242.34	244.88	245.13	1.19	ppb
Manganese	55-2	27.83	27.72	27.84	27.80	0.24	ppb
Molybdenum	94-1	4187.79	4173.38	4185.62	4182.26	0.19	ppb
Molybdenum	95-1	5089.78	5080.64	5063.78	5078.07	0.26	ppb
Molybdenum	96-1	4968.01	5017.02	4914.50	4966.51	1.03	ppb
Molybdenum	97-1	4990.32	5029.46	4983.48	5001.09	0.50	ppb
Molybdenum	98-1	5070.50	5033.76	5039.55	5047.94	0.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.51	0.51	0.51	0.51	0.69	ppb
Phosphorus	31-2	2095.62	2133.41	2150.47	2126.50	1.32	ppb
Potassium	39-2	149858.38	149701.87	149553.77	149704.67	0.10	ppb
Rhodium	103-1				105		%
Rhodium	103-2				102		%
Scandium	45-1				110		%
Scandium	45-2				103		%
Selenium	82-1	4.51	4.97	5.03	4.83	5.89	ppb
Selenium	77-2	2.35	3.05	3.95	3.12	25.81	ppb
Selenium	78-2	3.66	4.32	3.32	3.77	13.51	ppb
Silicon	28-1	1756.45	1796.86	1791.75	1781.69	1.24	ppb
Silver	107-1	0.02	0.02	0.02	0.02	2.59	ppb
Silver	109-1	0.03	0.03	0.03	0.03	3.75	ppb
Sodium	23-2	78971.51	79370.77	79835.70	79392.66	0.54	ppb
Strontium	86-1	14.48	14.37	14.50	14.45	0.48	ppb
Strontium	88-1	15.52	15.40	15.50	15.47	0.44	ppb
Sulfur	34-1	391.06	511.52	568.00	490.19	18.44	ppb
Terbium	159-1				112		%
Terbium	159-2				112		%
Thallium	203-1	0.06	0.06	0.06	0.06	3.30	ppb
Thallium	205-1	0.06	0.06	0.05	0.06	5.67	ppb
Tin	118-1	0.56	0.56	0.56	0.56	0.64	ppb
Titanium	47-1	2.90	2.91	2.98	2.93	1.51	ppb
Uranium	238-1	0.01	0.01	0.00	0.01	17.37	ppb

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	Q1538-01LDLX25	Instrumnet Name :	P8
Client Sample ID :	BELL-25-0004LDL	Dilution Factor :	25
Date & Time Acquired :	2025-03-17 16:50:51	DataFile Name :	034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.53	0.56	0.58	0.56	4.16	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				107		%
Zinc	66-2	357.93	364.43	359.25	360.54	0.95	ppb
Zirconium	90-1	0.06	0.06	0.06	0.06	2.90	ppb
Zirconium	91-1	0.08	0.08	0.07	0.08	6.96	ppb

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	Q1538-01MSDLX5	Instrumnet Name :	P8
Client Sample ID :	BELL-25-0004MSDL	Dilution Factor :	5
Date & Time Acquired :	2025-03-17 16:54:01	DataFile Name :	035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5211.92	5327.13	5186.35	5241.80	1.43	ppb
Antimony	121-1	131.47	132.85	136.29	133.54	1.86	ppb
Arsenic	75-2	62.34	62.58	63.35	62.76	0.84	ppb
Barium	135-1	100.37	100.75	100.74	100.62	0.22	ppb
Barium	137-1	108.46	108.70	109.82	108.99	0.66	ppb
Beryllium	9-1	131.19	128.91	129.31	129.81	0.94	ppb
Bismuth	209-1				123		%
Bismuth	209-2				124		%
Bromine	81-1						cps
Cadmium	108-1	277.74	281.64	279.15	279.51	0.71	ppb
Cadmium	106-1	103.68	104.76	104.00	104.15	0.53	ppb
Cadmium	111-1	107.68	110.41	109.17	109.09	1.25	ppb
Calcium	43-1	3417.66	3408.77	3426.40	3417.61	0.26	ppb
Calcium	44-1	5020.01	5085.03	5181.62	5095.55	1.60	ppb
Carbon	12-1		OR				cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	98.45	98.36	98.29	98.37	0.08	ppb
Cobalt	59-2	107.38	105.55	103.28	105.40	1.95	ppb
Copper	63-2	539.51	540.91	533.13	537.85	0.77	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				125		%
Holmium	165-2				130		%
Indium	115-1				121		%
Indium	115-2				125		%
Iron	54-2	1036.84	1040.36	1032.87	1036.69	0.36	ppb
Iron	56-2	1016.38	1018.74	1003.03	1012.72	0.84	ppb
Iron	57-2	947.35	946.15	938.33	943.95	0.52	ppb
Krypton	83-1						cps
Lead	206-1	118.10	115.45	115.83	116.46	1.23	ppb

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	Q1538-01MSDLX5	Instrumnet Name :	P8
Client Sample ID :	BELL-25-0004MSDL	Dilution Factor :	5
Date & Time Acquired :	2025-03-17 16:54:01	DataFile Name :	035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	117.88	115.04	113.94	115.62	1.76	ppb
Lead	208-1	116.49	114.32	114.07	114.96	1.16	ppb
Lithium	6-1				131		%
Magnesium	24-2	2927.01	2919.56	2875.36	2907.31	0.96	ppb
Manganese	55-2	316.46	320.42	317.97	318.28	0.63	ppb
Molybdenum	94-1	21470.22	21133.38	21081.08	21228.23	0.99	ppb
Molybdenum	95-1	25615.69	25697.32	25815.56	25709.52	0.39	ppb
Molybdenum	96-1	25798.80	25507.70	24684.09	25330.19	2.28	ppb
Molybdenum	97-1	25318.22	25173.84	25136.78	25209.62	0.38	ppb
Molybdenum	98-1	26315.50	25845.12	25816.59	25992.40	1.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	96.37	97.30	95.58	96.42	0.90	ppb
Phosphorus	31-2	19600.71	19342.87	19191.37	19378.32	1.07	ppb
Potassium	39-2	730737.64	739994.63	731282.67	734004.98	0.71	ppb
Rhodium	103-1				116		%
Rhodium	103-2				119		%
Scandium	45-1				125		%
Scandium	45-2				120		%
Selenium	82-1	400.82	398.84	393.33	397.66	0.98	ppb
Selenium	77-2	407.36	402.80	408.32	406.16	0.73	ppb
Selenium	78-2	406.52	407.80	406.83	407.05	0.16	ppb
Silicon	28-1	7754.02	8025.86	8284.00	8021.30	3.30	ppb
Silver	107-1	8.57	8.71	8.71	8.66	0.94	ppb
Silver	109-1	8.56	8.77	8.63	8.65	1.28	ppb
Sodium	23-2	394080.45	400378.32	392273.29	395577.35	1.08	ppb
Strontium	86-1	198.89	197.84	194.44	197.05	1.18	ppb
Strontium	88-1	194.27	196.11	195.75	195.38	0.50	ppb
Sulfur	34-1	10514.88	10785.27	10852.89	10717.68	1.67	ppb
Terbium	159-1				124		%
Terbium	159-2				130		%
Thallium	203-1	98.35	95.78	94.32	96.15	2.12	ppb
Thallium	205-1	93.90	93.66	93.21	93.59	0.37	ppb
Tin	118-1	18.67	19.09	18.97	18.91	1.16	ppb
Titanium	47-1	14.00	14.13	14.36	14.16	1.29	ppb
Uranium	238-1	97.61	94.76	95.84	96.07	1.50	ppb

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	Q1538-01MSDLX5	Instrumnet Name :	P8
Client Sample ID :	BELL-25-0004MSDL	Dilution Factor :	5
Date & Time Acquired :	2025-03-17 16:54:01	DataFile Name :	035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	103.72	103.70	102.81	103.41	0.50	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				122		%
Yttrium	89-2				124		%
Zinc	66-2	2277.60	2277.39	2245.54	2266.84	0.81	ppb
Zirconium	90-1	102.14	102.16	100.58	101.63	0.89	ppb
Zirconium	91-1	103.72	103.36	100.59	102.56	1.67	ppb

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	Q1538-01MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	BELL-25-0004MSDDL	Dilution Factor :	5
Date & Time Acquired :	2025-03-17 16:57:00	DataFile Name :	036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5353.79	5219.98	5402.96	5325.58	1.78	ppb
Antimony	121-1	131.74	137.84	136.06	135.21	2.32	ppb
Arsenic	75-2	61.49	63.49	65.67	63.55	3.29	ppb
Barium	135-1	101.73	102.29	100.89	101.64	0.69	ppb
Barium	137-1	112.13	113.50	110.05	111.89	1.55	ppb
Beryllium	9-1	130.63	134.55	131.80	132.32	1.52	ppb
Bismuth	209-1				126		%
Bismuth	209-2				126		%
Bromine	81-1						cps
Cadmium	108-1	280.92	287.43	281.46	283.27	1.27	ppb
Cadmium	106-1	104.90	109.28	105.13	106.44	2.32	ppb
Cadmium	111-1	120.15	111.44	125.38	118.99	5.92	ppb
Calcium	43-1	3425.05	3449.13	3405.13	3426.44	0.64	ppb
Calcium	44-1	5172.14	5237.95	5157.46	5189.18	0.83	ppb
Carbon	12-1		OR				cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	99.81	98.71	99.73	99.41	0.62	ppb
Cobalt	59-2	105.21	104.82	105.67	105.23	0.40	ppb
Copper	63-2	546.01	534.14	549.20	543.12	1.46	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				128		%
Holmium	165-2				132		%
Indium	115-1				125		%
Indium	115-2				127		%
Iron	54-2	1058.20	1048.84	1048.38	1051.81	0.53	ppb
Iron	56-2	1047.33	1034.21	1042.21	1041.25	0.63	ppb
Iron	57-2	977.42	953.84	978.16	969.81	1.43	ppb
Krypton	83-1						cps
Lead	206-1	118.86	117.91	117.74	118.17	0.51	ppb

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	Q1538-01MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	BELL-25-0004MSDDL	Dilution Factor :	5
Date & Time Acquired :	2025-03-17 16:57:00	DataFile Name :	036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	116.54	117.90	114.96	116.47	1.26	ppb
Lead	208-1	115.30	116.59	116.08	115.99	0.56	ppb
Lithium	6-1				135		%
Magnesium	24-2	3011.05	2979.96	3042.39	3011.14	1.04	ppb
Manganese	55-2	328.61	324.54	329.04	327.40	0.76	ppb
Molybdenum	94-1	21696.11	21418.14	22072.38	21728.88	1.51	ppb
Molybdenum	95-1	26216.28	25596.93	26233.74	26015.65	1.39	ppb
Molybdenum	96-1	25573.87	25440.04	26195.68	25736.53	1.57	ppb
Molybdenum	97-1	26183.47	25850.18	26024.65	26019.44	0.64	ppb
Molybdenum	98-1	26182.71	25381.34	26477.00	26013.68	2.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	97.98	97.06	98.67	97.90	0.82	ppb
Phosphorus	31-2	19929.43	19655.98	19706.03	19763.81	0.74	ppb
Potassium	39-2	747414.14	745662.26	756338.73	749805.04	0.76	ppb
Rhodium	103-1				121		%
Rhodium	103-2				120		%
Scandium	45-1				132		%
Scandium	45-2				123		%
Selenium	82-1	403.64	407.68	412.76	408.03	1.12	ppb
Selenium	77-2	399.85	415.32	419.02	411.40	2.47	ppb
Selenium	78-2	425.29	422.15	417.01	421.48	0.99	ppb
Silicon	28-1	7832.74	8204.73	8250.63	8096.03	2.83	ppb
Silver	107-1	8.16	8.35	8.30	8.27	1.15	ppb
Silver	109-1	8.16	8.42	8.27	8.28	1.63	ppb
Sodium	23-2	401824.38	403741.78	401573.93	402380.03	0.29	ppb
Strontium	86-1	199.88	197.74	203.74	200.45	1.52	ppb
Strontium	88-1	200.63	198.73	199.89	199.75	0.48	ppb
Sulfur	34-1	10604.50	10954.86	10904.04	10821.13	1.75	ppb
Terbium	159-1				127		%
Terbium	159-2				132		%
Thallium	203-1	96.37	97.07	95.83	96.42	0.64	ppb
Thallium	205-1	94.28	95.11	95.77	95.05	0.78	ppb
Tin	118-1	19.21	19.39	19.32	19.31	0.46	ppb
Titanium	47-1	14.38	14.70	14.49	14.52	1.11	ppb
Uranium	238-1	96.83	97.37	96.48	96.90	0.46	ppb

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	Q1538-01MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	BELL-25-0004MSDDL	Dilution Factor :	5
Date & Time Acquired :	2025-03-17 16:57:00	DataFile Name :	036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	104.47	104.37	104.73	104.52	0.17	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				126		%
Yttrium	89-2				127		%
Zinc	66-2	2270.08	2296.39	2323.51	2296.66	1.16	ppb
Zirconium	90-1	104.53	101.71	105.68	103.97	1.97	ppb
Zirconium	91-1	105.94	104.20	107.72	105.96	1.66	ppb

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	Q1538-01ADLX5	Instrumnet Name :	P8
Client Sample ID :	BELL-25-0004ADL	Dilution Factor :	5
Date & Time Acquired :	2025-03-17 17:00:03	DataFile Name :	037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5413.35	5413.92	5433.97	5420.41	0.22	ppb
Antimony	121-1	131.14	134.74	135.86	133.91	1.84	ppb
Arsenic	75-2	62.92	65.24	64.18	64.12	1.81	ppb
Barium	135-1	100.70	103.30	100.78	101.59	1.46	ppb
Barium	137-1	108.56	112.87	111.22	110.88	1.96	ppb
Beryllium	9-1	131.11	130.20	133.01	131.44	1.09	ppb
Bismuth	209-1				122		%
Bismuth	209-2				122		%
Bromine	81-1						cps
Cadmium	108-1	274.31	290.13	279.29	281.24	2.88	ppb
Cadmium	106-1	105.95	107.58	106.42	106.65	0.79	ppb
Cadmium	111-1	109.76	111.58	109.73	110.36	0.96	ppb
Calcium	43-1	3475.01	3487.29	3557.43	3506.57	1.27	ppb
Calcium	44-1	5117.53	5313.34	5337.07	5255.98	2.29	ppb
Carbon	12-1		OR				cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	100.72	99.78	100.35	100.28	0.47	ppb
Cobalt	59-2	107.26	105.37	105.97	106.20	0.91	ppb
Copper	63-2	549.45	539.49	549.20	546.05	1.04	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				123		%
Holmium	165-2				127		%
Indium	115-1				120		%
Indium	115-2				123		%
Iron	54-2	1058.37	1047.44	1051.12	1052.31	0.53	ppb
Iron	56-2	1047.24	1057.07	1039.37	1047.89	0.85	ppb
Iron	57-2	970.24	963.49	973.07	968.93	0.51	ppb
Krypton	83-1						cps
Lead	206-1	117.45	117.46	116.97	117.29	0.24	ppb

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	Q1538-01ADLX5	Instrumnet Name :	P8
Client Sample ID :	BELL-25-0004ADL	Dilution Factor :	5
Date & Time Acquired :	2025-03-17 17:00:03	DataFile Name :	037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	115.35	116.56	115.36	115.76	0.60	ppb
Lead	208-1	114.91	115.69	115.28	115.29	0.34	ppb
Lithium	6-1				133		%
Magnesium	24-2	3095.27	3079.42	3147.55	3107.41	1.15	ppb
Manganese	55-2	331.29	329.73	327.26	329.43	0.62	ppb
Molybdenum	94-1	21590.25	21981.16	21599.05	21723.49	1.03	ppb
Molybdenum	95-1	26020.56	25797.84	26318.08	26045.49	1.00	ppb
Molybdenum	96-1	25953.92	26025.27	25968.62	25982.61	0.14	ppb
Molybdenum	97-1	25522.14	26323.73	25982.46	25942.77	1.55	ppb
Molybdenum	98-1	26413.71	26419.30	26557.98	26463.66	0.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	97.82	97.56	97.57	97.65	0.15	ppb
Phosphorus	31-2	19931.56	19919.53	19838.28	19896.46	0.26	ppb
Potassium	39-2	770377.76	747787.93	751781.15	756648.94	1.59	ppb
Rhodium	103-1				117		%
Rhodium	103-2				117		%
Scandium	45-1				129		%
Scandium	45-2				119		%
Selenium	82-1	399.80	410.42	406.90	405.71	1.33	ppb
Selenium	77-2	415.45	420.12	420.80	418.79	0.70	ppb
Selenium	78-2	418.66	414.91	411.98	415.18	0.81	ppb
Silicon	28-1	7967.80	8293.54	8417.75	8226.36	2.82	ppb
Silver	107-1	8.27	8.67	8.46	8.47	2.36	ppb
Silver	109-1	8.21	8.45	8.41	8.36	1.54	ppb
Sodium	23-2	400708.32	399925.47	401510.12	400714.64	0.20	ppb
Strontium	86-1	201.10	202.66	201.08	201.61	0.45	ppb
Strontium	88-1	199.27	197.69	199.14	198.70	0.44	ppb
Sulfur	34-1	10665.87	11267.85	11157.60	11030.44	2.91	ppb
Terbium	159-1				123		%
Terbium	159-2				127		%
Thallium	203-1	96.47	97.10	95.81	96.46	0.67	ppb
Thallium	205-1	94.18	95.99	94.51	94.90	1.01	ppb
Tin	118-1	18.78	19.46	19.15	19.13	1.80	ppb
Titanium	47-1	14.30	14.97	15.14	14.80	3.01	ppb
Uranium	238-1	96.54	94.99	96.18	95.90	0.85	ppb

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	Q1538-01ADLX5	Instrumnet Name :	P8
Client Sample ID :	BELL-25-0004ADL	Dilution Factor :	5
Date & Time Acquired :	2025-03-17 17:00:03	DataFile Name :	037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	105.73	104.86	105.41	105.33	0.42	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				122		%
Yttrium	89-2				124		%
Zinc	66-2	2310.76	2289.70	2312.36	2304.27	0.55	ppb
Zirconium	90-1	103.03	104.36	103.14	103.51	0.71	ppb
Zirconium	91-1	105.66	104.28	105.96	105.30	0.85	ppb

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired :	2025-03-17 17:03:09	DataFile Name :	038CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47861.03	47868.77	49066.87	48265.56	1.44	ppb
Antimony	121-1	494.78	517.78	503.39	505.31	2.30	ppb
Arsenic	75-2	485.09	476.41	494.92	485.47	1.91	ppb
Barium	135-1	2487.74	2562.56	2537.52	2529.27	1.51	ppb
Barium	137-1	2482.62	2526.80	2531.60	2513.67	1.07	ppb
Beryllium	9-1	524.55	531.21	525.53	527.10	0.68	ppb
Bismuth	209-1				94		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Cadmium	108-1	482.89	495.40	488.00	488.76	1.29	ppb
Cadmium	106-1	490.63	495.53	489.55	491.90	0.65	ppb
Cadmium	111-1	492.62	510.16	503.42	502.07	1.76	ppb
Calcium	43-1	250293.23	254414.21	250405.14	251704.19	0.93	ppb
Calcium	44-1	247307.71	255950.50	249198.22	250818.81	1.81	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	507.17	503.52	508.21	506.30	0.49	ppb
Cobalt	59-2	476.99	478.21	485.86	480.36	1.00	ppb
Copper	63-2	4629.43	4600.89	4744.34	4658.22	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				101		%
Holmium	165-2				108		%
Indium	115-1				98		%
Indium	115-2				101		%
Iron	54-2	120695.59	120649.94	122818.37	121387.97	1.02	ppb
Iron	56-2	120743.92	119031.41	123203.95	120993.09	1.73	ppb
Iron	57-2	118782.98	121685.40	119566.11	120011.50	1.25	ppb
Krypton	83-1						cps
Lead	206-1	2471.85	2476.93	2488.98	2479.25	0.35	ppb

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired :	2025-03-17 17:03:09	DataFile Name :	038CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2486.28	2503.91	2467.86	2486.02	0.73	ppb
Lead	208-1	2496.98	2502.89	2487.75	2495.87	0.31	ppb
Lithium	6-1				107		%
Magnesium	24-2	246315.87	245116.50	247864.09	246432.16	0.56	ppb
Manganese	55-2	5120.55	5117.76	5233.75	5157.35	1.28	ppb
Molybdenum	94-1	4935.29	5020.98	4969.94	4975.41	0.87	ppb
Molybdenum	95-1	4790.19	5043.25	4923.47	4918.97	2.57	ppb
Molybdenum	96-1	4756.06	5059.57	4837.80	4884.48	3.22	ppb
Molybdenum	97-1	4751.70	4992.12	4781.46	4841.76	2.71	ppb
Molybdenum	98-1	4857.58	5006.27	4873.94	4912.60	1.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	505.14	512.74	510.72	509.54	0.77	ppb
Phosphorus	31-2	10383.83	10438.74	10595.09	10472.55	1.05	ppb
Potassium	39-2	116120.26	118683.21	120734.81	118512.76	1.95	ppb
Rhodium	103-1				91		%
Rhodium	103-2				94		%
Scandium	45-1				103		%
Scandium	45-2				104		%
Selenium	82-1	533.42	551.90	540.00	541.78	1.73	ppb
Selenium	77-2	534.30	531.20	546.61	537.37	1.52	ppb
Selenium	78-2	540.97	535.52	560.83	545.77	2.44	ppb
Silicon	28-1	870.26	954.37	977.82	934.15	6.05	ppb
Silver	107-1	492.55	496.89	482.30	490.58	1.53	ppb
Silver	109-1	489.77	496.05	495.78	493.87	0.72	ppb
Sodium	23-2	241319.46	242981.58	247065.90	243788.98	1.21	ppb
Strontium	86-1	483.33	494.58	498.58	492.16	1.61	ppb
Strontium	88-1	487.40	498.48	485.14	490.34	1.46	ppb
Sulfur	34-1	10059.23	10248.09	9968.44	10091.92	1.41	ppb
Terbium	159-1				102		%
Terbium	159-2				108		%
Thallium	203-1	492.08	506.01	503.63	500.57	1.49	ppb
Thallium	205-1	496.52	494.10	504.42	498.35	1.08	ppb
Tin	118-1	495.41	509.83	509.30	504.85	1.62	ppb
Titanium	47-1	4919.07	4991.50	4962.08	4957.55	0.73	ppb
Uranium	238-1	496.40	511.22	495.07	500.90	1.79	ppb

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired :	2025-03-17 17:03:09	DataFile Name :	038CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	504.99	514.33	517.93	512.42	1.30	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				107		%
Zinc	66-2	4782.19	4816.31	4918.58	4839.03	1.47	ppb
Zirconium	90-1	495.46	497.80	502.11	498.46	0.68	ppb
Zirconium	91-1	487.44	496.23	491.15	491.61	0.90	ppb

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P8
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired :	2025-03-17 17:07:01	DataFile Name :	039CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.59	0.31	0.31	0.40	40.46	ppb
Antimony	121-1	0.05	0.06	0.06	0.05	11.96	ppb
Arsenic	75-2	0.32	0.41	0.32	0.35	14.12	ppb
Barium	135-1	0.03	0.03	0.02	0.03	8.66	ppb
Barium	137-1	0.03	0.03	0.03	0.03	7.89	ppb
Beryllium	9-1	0.10	0.09	0.10	0.10	6.00	ppb
Bismuth	209-1				111		%
Bismuth	209-2				113		%
Bromine	81-1						cps
Cadmium	108-1	0.06	0.05	0.00	0.04	85.20	ppb
Cadmium	106-1	-1.93	-1.58	-1.66	-1.72		ppb
Cadmium	111-1	-0.12	-0.10	-0.10	-0.10		ppb
Calcium	43-1	-0.31	-0.63	-2.44	-1.13		ppb
Calcium	44-1	11.86	12.04	10.02	11.30	9.89	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	0.01	0.00	0.00	479.09	ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	19.33	ppb
Copper	63-2	0.02	0.05	0.02	0.03	62.01	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				111		%
Indium	115-1				108		%
Indium	115-2				110		%
Iron	54-2	1.66	1.67	1.48	1.60	6.59	ppb
Iron	56-2	1.71	1.58	1.43	1.57	8.99	ppb
Iron	57-2	1.57	1.40	1.47	1.48	5.77	ppb
Krypton	83-1						cps
Lead	206-1	0.12	0.11	0.13	0.12	6.12	ppb

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P8
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired :	2025-03-17 17:07:01	DataFile Name :	039CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.13	0.12	0.13	0.12	4.96	ppb
Lead	208-1	0.12	0.11	0.12	0.12	4.29	ppb
Lithium	6-1				114		%
Magnesium	24-2	1.47	2.00	1.32	1.60	22.61	ppb
Manganese	55-2	0.04	0.08	0.04	0.05	36.45	ppb
Molybdenum	94-1	0.46	0.42	0.38	0.42	9.47	ppb
Molybdenum	95-1	0.50	0.45	0.45	0.47	6.92	ppb
Molybdenum	96-1	0.47	0.43	0.42	0.44	6.03	ppb
Molybdenum	97-1	0.48	0.44	0.44	0.45	5.73	ppb
Molybdenum	98-1	0.47	0.44	0.43	0.45	4.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.05	0.07	0.03	0.05	34.56	ppb
Phosphorus	31-2	-16.63	-19.04	-18.41	-18.02		ppb
Potassium	39-2	145.04	150.44	132.53	142.67	6.44	ppb
Rhodium	103-1				105		%
Rhodium	103-2				108		%
Scandium	45-1				108		%
Scandium	45-2				103		%
Selenium	82-1	0.85	0.88	0.65	0.80	15.73	ppb
Selenium	77-2	0.35	0.15	0.34	0.28	40.64	ppb
Selenium	78-2	0.53	0.94	0.77	0.75	27.27	ppb
Silicon	28-1	138.53	131.34	123.40	131.09	5.77	ppb
Silver	107-1	0.02	0.02	0.02	0.02	4.75	ppb
Silver	109-1	0.02	0.02	0.02	0.02	9.88	ppb
Sodium	23-2	179.88	185.11	168.95	177.98	4.63	ppb
Strontium	86-1	-0.01	-0.01	-0.01	-0.01		ppb
Strontium	88-1	0.01	0.01	0.00	0.01	16.78	ppb
Sulfur	34-1	-1940.68	-1862.75	-1907.94	-1903.79		ppb
Terbium	159-1				110		%
Terbium	159-2				113		%
Thallium	203-1	0.06	0.06	0.06	0.06	7.67	ppb
Thallium	205-1	0.06	0.06	0.06	0.06	2.17	ppb
Tin	118-1	0.01	0.01	0.01	0.01	14.88	ppb
Titanium	47-1	0.13	0.11	0.11	0.12	9.08	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	14.42	ppb

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P8
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired :	2025-03-17 17:07:01	DataFile Name :	039CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.01	0.02	0.01	0.01	29.55	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				110		%
Zinc	66-2	0.67	0.57	0.54	0.59	12.14	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	13.88	ppb
Zirconium	91-1	0.02	0.02	0.02	0.02	11.38	ppb

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	Q1528-02DL2X25	Instrumnet Name :	P8
Client Sample ID :	22725DL2	Dilution Factor :	25
Date & Time Acquired :	2025-03-17 17:10:19	DataFile Name :	040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	310.80	312.95	303.56	309.11	1.59	ppb
Antimony	121-1	1.12	1.12	1.09	1.11	1.20	ppb
Arsenic	75-2	10.89	10.90	11.28	11.02	2.02	ppb
Barium	135-1	4.11	4.21	4.07	4.13	1.76	ppb
Barium	137-1	4.07	4.22	4.06	4.12	2.24	ppb
Beryllium	9-1	0.08	0.08	0.07	0.08	4.24	ppb
Bismuth	209-1				121		%
Bismuth	209-2				122		%
Bromine	81-1						cps
Cadmium	108-1	0.21	0.19	0.22	0.21	8.03	ppb
Cadmium	106-1	-2.14	-1.22	-1.84	-1.74		ppb
Cadmium	111-1	-0.12	-0.05	-0.11	-0.09		ppb
Calcium	43-1	369.62	370.12	375.08	371.61	0.81	ppb
Calcium	44-1	756.50	775.95	788.38	773.61	2.08	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.15	1.19	1.17	1.17	1.48	ppb
Cobalt	59-2	0.36	0.35	0.35	0.35	2.09	ppb
Copper	63-2	9.43	9.70	9.42	9.52	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				121		%
Holmium	165-2				121		%
Indium	115-1				119		%
Indium	115-2				118		%
Iron	54-2	1008.29	1029.02	1005.13	1014.15	1.28	ppb
Iron	56-2	1056.46	1081.50	1042.24	1060.06	1.88	ppb
Iron	57-2	998.99	1019.99	1000.71	1006.56	1.16	ppb
Krypton	83-1						cps
Lead	206-1	3.32	3.33	3.34	3.33	0.41	ppb

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	Q1528-02DL2X25	Instrumnet Name :	P8
Client Sample ID :	22725DL2	Dilution Factor :	25
Date & Time Acquired :	2025-03-17 17:10:19	DataFile Name :	040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	3.30	3.28	3.29	3.29	0.31	ppb
Lead	208-1	3.30	3.27	3.30	3.29	0.53	ppb
Lithium	6-1				121		%
Magnesium	24-2	181.91	184.47	180.76	182.38	1.04	ppb
Manganese	55-2	8.73	9.05	8.60	8.79	2.61	ppb
Molybdenum	94-1	1.50	1.38	1.34	1.41	5.76	ppb
Molybdenum	95-1	0.69	0.62	0.61	0.64	6.81	ppb
Molybdenum	96-1	0.73	0.71	0.67	0.70	4.24	ppb
Molybdenum	97-1	0.67	0.58	0.57	0.61	9.12	ppb
Molybdenum	98-1	0.66	0.60	0.59	0.61	6.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.06	1.13	1.09	1.09	3.04	ppb
Phosphorus	31-2	9931.54	10079.46	9761.45	9924.15	1.60	ppb
Potassium	39-2	27969.58	27856.95	27437.96	27754.83	1.01	ppb
Rhodium	103-1				115		%
Rhodium	103-2				115		%
Scandium	45-1				117		%
Scandium	45-2				110		%
Selenium	82-1	7.04	6.74	6.34	6.71	5.21	ppb
Selenium	77-2	5.84	4.83	6.59	5.76	15.34	ppb
Selenium	78-2	6.46	5.32	4.06	5.28	22.70	ppb
Silicon	28-1	943.92	958.13	948.40	950.15	0.76	ppb
Silver	107-1	0.02	0.02	0.02	0.02	6.37	ppb
Silver	109-1	0.02	0.02	0.02	0.02	5.36	ppb
Sodium	23-2	8945.23	8975.71	8847.31	8922.75	0.75	ppb
Strontium	86-1	1.71	1.66	1.68	1.68	1.34	ppb
Strontium	88-1	1.72	1.68	1.71	1.70	1.09	ppb
Sulfur	34-1	-381.90	-588.27	-589.99	-520.05		ppb
Terbium	159-1				120		%
Terbium	159-2				123		%
Thallium	203-1	0.04	0.03	0.04	0.04	10.08	ppb
Thallium	205-1	0.04	0.04	0.04	0.04	9.77	ppb
Tin	118-1	0.52	0.53	0.51	0.52	2.16	ppb
Titanium	47-1	12.22	12.24	12.25	12.24	0.15	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	5.31	ppb

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	Q1528-02DL2X25	Instrumnet Name :	P8
Client Sample ID :	22725DL2	Dilution Factor :	25
Date & Time Acquired :	2025-03-17 17:10:19	DataFile Name :	040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	1.08	1.13	1.09	1.10	2.56	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				116		%
Yttrium	89-2				114		%
Zinc	66-2	69.00	70.61	68.49	69.37	1.60	ppb
Zirconium	90-1	0.52	0.49	0.47	0.49	4.50	ppb
Zirconium	91-1	0.54	0.49	0.47	0.50	6.54	ppb

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	Q1538-01DL2X25	Instrumnet Name :	P8
Client Sample ID :	BELL-25-0004DL2	Dilution Factor :	25
Date & Time Acquired :	2025-03-17 17:13:33	DataFile Name :	041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	885.70	888.96	881.94	885.53	0.40	ppb
Antimony	121-1	0.47	0.46	0.44	0.46	2.50	ppb
Arsenic	75-2	4.13	4.08	4.16	4.12	0.90	ppb
Barium	135-1	4.34	4.23	4.28	4.28	1.30	ppb
Barium	137-1	4.18	4.20	4.20	4.19	0.24	ppb
Beryllium	9-1	0.06	0.06	0.07	0.07	11.68	ppb
Bismuth	209-1				112		%
Bismuth	209-2				110		%
Bromine	81-1						cps
Cadmium	108-1	34.97	33.13	34.02	34.04	2.70	ppb
Cadmium	106-1	-1.60	-1.99	-2.07	-1.89		ppb
Cadmium	111-1	1.04	1.17	0.99	1.06	8.72	ppb
Calcium	43-1	345.66	361.76	348.16	351.86	2.46	ppb
Calcium	44-1	731.41	762.07	757.61	750.36	2.21	ppb
Carbon	12-1			OR			cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.68	0.65	0.65	0.66	2.36	ppb
Cobalt	59-2	0.05	0.04	0.05	0.05	7.46	ppb
Copper	63-2	69.76	68.82	69.89	69.49	0.84	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				113		%
Holmium	165-2				114		%
Indium	115-1				109		%
Indium	115-2				109		%
Iron	54-2	19.10	18.98	18.69	18.92	1.12	ppb
Iron	56-2	18.64	18.29	18.37	18.44	1.01	ppb
Iron	57-2	18.18	17.77	19.12	18.36	3.76	ppb
Krypton	83-1						cps
Lead	206-1	4.67	4.73	4.80	4.73	1.34	ppb

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	Q1538-01DL2X25	Instrumnet Name :	P8
Client Sample ID :	BELL-25-0004DL2	Dilution Factor :	25
Date & Time Acquired :	2025-03-17 17:13:33	DataFile Name :	041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	4.51	4.54	4.68	4.57	1.94	ppb
Lead	208-1	4.62	4.64	4.71	4.65	1.01	ppb
Lithium	6-1				111		%
Magnesium	24-2	237.73	232.13	236.94	235.60	1.29	ppb
Manganese	55-2	23.82	23.30	23.57	23.56	1.11	ppb
Molybdenum	94-1	4092.61	4069.55	4102.90	4088.35	0.42	ppb
Molybdenum	95-1	4922.06	4946.54	4961.19	4943.26	0.40	ppb
Molybdenum	96-1	4858.50	4888.69	4822.82	4856.67	0.68	ppb
Molybdenum	97-1	4990.50	4934.35	4890.85	4938.57	1.01	ppb
Molybdenum	98-1	5005.26	4993.01	5002.46	5000.25	0.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.52	0.53	0.57	0.54	4.86	ppb
Phosphorus	31-2	2024.23	2003.35	1993.54	2007.04	0.78	ppb
Potassium	39-2	146891.03	146141.89	147225.16	146752.69	0.38	ppb
Rhodium	103-1				104		%
Rhodium	103-2				104		%
Scandium	45-1				110		%
Scandium	45-2				102		%
Selenium	82-1	4.41	3.88	4.39	4.23	7.17	ppb
Selenium	77-2	3.50	4.28	2.36	3.38	28.57	ppb
Selenium	78-2	3.85	3.41	3.55	3.60	6.19	ppb
Silicon	28-1	1553.19	1643.33	1552.31	1582.94	3.30	ppb
Silver	107-1	0.02	0.02	0.02	0.02	4.61	ppb
Silver	109-1	0.02	0.02	0.03	0.02	2.47	ppb
Sodium	23-2	76274.85	75614.83	76065.18	75984.95	0.44	ppb
Strontium	86-1	14.27	14.14	14.13	14.18	0.56	ppb
Strontium	88-1	15.32	15.18	15.08	15.20	0.78	ppb
Sulfur	34-1	156.31	135.08	148.92	146.77	7.34	ppb
Terbium	159-1				113		%
Terbium	159-2				114		%
Thallium	203-1	0.05	0.05	0.05	0.05	6.25	ppb
Thallium	205-1	0.05	0.05	0.05	0.05	2.76	ppb
Tin	118-1	0.46	0.46	0.47	0.46	1.41	ppb
Titanium	47-1	1.80	1.80	1.86	1.82	1.94	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	6.59	ppb

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	Q1538-01DL2X25	Instrumnet Name :	P8
Client Sample ID :	BELL-25-0004DL2	Dilution Factor :	25
Date & Time Acquired :	2025-03-17 17:13:33	DataFile Name :	041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.53	0.56	0.53	0.54	2.70	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				108		%
Zinc	66-2	351.24	345.58	353.17	350.00	1.13	ppb
Zirconium	90-1	0.06	0.06	0.06	0.06	3.96	ppb
Zirconium	91-1	0.06	0.07	0.06	0.07	5.05	ppb

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	CCV03	Instrumnet Name :	P8
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired :	2025-03-17 17:16:41	DataFile Name :	042CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	46953.93	46509.37	46814.50	46759.27	0.49	ppb
Antimony	121-1	488.24	497.56	479.38	488.39	1.86	ppb
Arsenic	75-2	467.84	467.89	473.45	469.72	0.69	ppb
Barium	135-1	2443.18	2532.49	2469.74	2481.80	1.85	ppb
Barium	137-1	2493.65	2513.46	2475.64	2494.25	0.76	ppb
Beryllium	9-1	516.59	531.59	530.19	526.13	1.57	ppb
Bismuth	209-1				95		%
Bismuth	209-2				95		%
Bromine	81-1						cps
Cadmium	108-1	481.24	480.08	476.06	479.12	0.57	ppb
Cadmium	106-1	476.31	487.08	486.65	483.35	1.26	ppb
Cadmium	111-1	484.15	497.01	475.08	485.41	2.27	ppb
Calcium	43-1	246454.81	249381.51	242400.12	246078.82	1.42	ppb
Calcium	44-1	246111.18	246105.64	244649.90	245622.24	0.34	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	499.06	493.66	482.94	491.88	1.67	ppb
Cobalt	59-2	483.49	479.88	471.04	478.13	1.34	ppb
Copper	63-2	4691.65	4589.28	4545.36	4608.77	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				102		%
Holmium	165-2				107		%
Indium	115-1				96		%
Indium	115-2				99		%
Iron	54-2	120304.77	119530.34	119899.57	119911.56	0.32	ppb
Iron	56-2	118289.02	119266.18	118736.25	118763.82	0.41	ppb
Iron	57-2	119208.44	119645.47	119812.81	119555.57	0.26	ppb
Krypton	83-1						cps
Lead	206-1	2520.85	2517.66	2512.39	2516.96	0.17	ppb

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	CCV03	Instrumnet Name :	P8
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired :	2025-03-17 17:16:41	DataFile Name :	042CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2495.97	2531.12	2502.18	2509.76	0.75	ppb
Lead	208-1	2481.52	2515.77	2514.12	2503.80	0.77	ppb
Lithium	6-1				98		%
Magnesium	24-2	240911.05	239845.35	238515.72	239757.37	0.50	ppb
Manganese	55-2	5042.57	5043.09	5082.88	5056.18	0.46	ppb
Molybdenum	94-1	4855.93	4926.30	4875.36	4885.86	0.74	ppb
Molybdenum	95-1	4824.50	4926.76	4792.04	4847.76	1.45	ppb
Molybdenum	96-1	4826.81	4997.11	4795.39	4873.11	2.23	ppb
Molybdenum	97-1	4797.51	4865.13	4781.86	4814.83	0.92	ppb
Molybdenum	98-1	4827.41	4894.64	4885.94	4869.33	0.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	514.63	505.60	507.12	509.11	0.95	ppb
Phosphorus	31-2	10166.94	10037.13	10097.28	10100.45	0.64	ppb
Potassium	39-2	115787.38	114685.79	116025.84	115499.67	0.62	ppb
Rhodium	103-1				91		%
Rhodium	103-2				92		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	82-1	488.12	497.67	493.44	493.08	0.97	ppb
Selenium	77-2	498.94	481.20	504.27	494.80	2.44	ppb
Selenium	78-2	489.18	498.92	494.43	494.18	0.99	ppb
Silicon	28-1	518.60	550.81	551.01	540.14	3.45	ppb
Silver	107-1	478.21	479.11	480.76	479.36	0.27	ppb
Silver	109-1	474.30	481.45	471.58	475.78	1.07	ppb
Sodium	23-2	240684.62	241640.37	241207.34	241177.44	0.20	ppb
Strontium	86-1	488.05	492.44	491.56	490.68	0.47	ppb
Strontium	88-1	485.57	488.83	493.80	489.40	0.85	ppb
Sulfur	34-1	9417.20	9750.44	9492.74	9553.46	1.83	ppb
Terbium	159-1				103		%
Terbium	159-2				105		%
Thallium	203-1	497.65	494.04	498.89	496.86	0.51	ppb
Thallium	205-1	499.82	501.61	498.14	499.85	0.35	ppb
Tin	118-1	485.95	492.44	492.16	490.18	0.75	ppb
Titanium	47-1	4790.44	4928.27	4896.82	4871.84	1.48	ppb
Uranium	238-1	495.00	505.63	501.39	500.68	1.07	ppb

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	CCV03	Instrumnet Name :	P8
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired :	2025-03-17 17:16:41	DataFile Name :	042CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	499.56	506.92	500.02	502.17	0.82	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				105		%
Zinc	66-2	4767.53	4787.25	4718.54	4757.78	0.74	ppb
Zirconium	90-1	491.07	494.49	492.84	492.80	0.35	ppb
Zirconium	91-1	486.66	505.82	491.18	494.55	2.03	ppb

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	CCB03	Instrumnet Name :	P8
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired :	2025-03-17 17:19:27	DataFile Name :	043CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.12	0.29	0.05	0.15	82.56	ppb
Antimony	121-1	0.07	0.07	0.08	0.07	6.81	ppb
Arsenic	75-2	0.08	0.12	0.11	0.10	19.61	ppb
Barium	135-1	0.03	0.01	0.02	0.02	35.88	ppb
Barium	137-1	0.03	0.02	0.02	0.03	26.83	ppb
Beryllium	9-1	0.11	0.10	0.10	0.11	6.11	ppb
Bismuth	209-1				111		%
Bismuth	209-2				110		%
Bromine	81-1						cps
Cadmium	108-1	0.06	0.04	0.01	0.04	63.23	ppb
Cadmium	106-1	-1.45	-1.59	-1.87	-1.64		ppb
Cadmium	111-1	-0.08	-0.10	-0.12	-0.10		ppb
Calcium	43-1	-1.49	-3.12	-2.96	-2.52		ppb
Calcium	44-1	0.37	-0.26	-0.87	-0.25		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	-0.01	0.01	0.00		ppb
Cobalt	59-2	0.00	0.01	0.00	0.00	130.83	ppb
Copper	63-2	-0.01	-0.04	-0.01	-0.02		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				110		%
Indium	115-1				110		%
Indium	115-2				111		%
Iron	54-2	1.19	0.96	1.15	1.10	11.26	ppb
Iron	56-2	1.09	1.10	1.12	1.10	1.70	ppb
Iron	57-2	1.28	0.52	0.87	0.89	42.43	ppb
Krypton	83-1						cps
Lead	206-1	0.14	0.13	0.12	0.13	8.44	ppb

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	CCB03	Instrumnet Name :	P8
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired :	2025-03-17 17:19:27	DataFile Name :	043CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.16	0.14	0.12	0.14	14.54	ppb
Lead	208-1	0.15	0.13	0.12	0.13	10.42	ppb
Lithium	6-1				108		%
Magnesium	24-2	0.59	0.75	0.77	0.70	13.69	ppb
Manganese	55-2	0.06	0.04	0.08	0.06	28.95	ppb
Molybdenum	94-1	0.30	0.25	0.23	0.26	14.54	ppb
Molybdenum	95-1	0.32	0.25	0.26	0.28	11.99	ppb
Molybdenum	96-1	0.29	0.27	0.24	0.27	9.67	ppb
Molybdenum	97-1	0.28	0.25	0.23	0.25	11.58	ppb
Molybdenum	98-1	0.30	0.24	0.24	0.26	12.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.04	0.06	0.06	0.05	15.39	ppb
Phosphorus	31-2	-17.24	-21.33	-17.63	-18.73		ppb
Potassium	39-2	98.88	97.92	96.49	97.76	1.23	ppb
Rhodium	103-1				106		%
Rhodium	103-2				106		%
Scandium	45-1				105		%
Scandium	45-2				101		%
Selenium	82-1	0.51	0.49	0.48	0.49	3.29	ppb
Selenium	77-2	0.81	1.06	0.15	0.67	70.09	ppb
Selenium	78-2	0.58	0.59	0.38	0.52	22.53	ppb
Silicon	28-1	60.17	56.19	54.51	56.96	5.11	ppb
Silver	107-1	0.04	0.04	0.02	0.03	22.43	ppb
Silver	109-1	0.04	0.03	0.03	0.03	23.01	ppb
Sodium	23-2	129.77	126.88	125.88	127.51	1.59	ppb
Strontium	86-1	0.00	-0.01	-0.01	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	17.91	ppb
Sulfur	34-1	-1861.33	-1817.25	-1829.86	-1836.15		ppb
Terbium	159-1				109		%
Terbium	159-2				111		%
Thallium	203-1	0.07	0.06	0.06	0.06	9.32	ppb
Thallium	205-1	0.07	0.05	0.05	0.06	12.50	ppb
Tin	118-1	0.01	0.02	0.01	0.01	17.06	ppb
Titanium	47-1	0.11	0.06	0.09	0.09	28.18	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	22.64	ppb

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	CCB03	Instrumnet Name :	P8
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired :	2025-03-17 17:19:27	DataFile Name :	043CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.01	0.00	0.01	0.01	32.01	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				106		%
Zinc	66-2	0.51	0.54	0.52	0.52	2.61	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	9.28	ppb
Zirconium	91-1	0.02	0.02	0.02	0.02	5.91	ppb

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	TUNE	Instrumnet Name :	P8
Client Sample ID :	TUNE	Dilution Factor :	1
Date & Time Acquired :	2025-03-17 14:36:23	DataFile Name :	001SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1250	393	663	769	56.96	cps
Antimony	121-1	207	207	197	203	2.84	cps
Arsenic	75-2	1007	343	2180	1177	79.05	cps
Barium	135-1	14940	23205	52317	30154	65.11	cps
Barium	137-1	26436	40490	89030	51985	63.18	cps
Beryllium	9-1	21795	31488	71620	41634	63.45	cps
Bismuth	209-1	14229551	24348637	57332724	31970304	70.50	cps
Bismuth	209-2	11393103	4528534	28092729	14671455	82.60	cps
Bromine	81-1	5088	4591	5164	4948	6.29	cps
Cadmium	108-1	637	943	2034	1205	60.95	cps
Cadmium	106-1	12841	19610	49103	27185	70.93	cps
Cadmium	111-1	17183	26149	61910	35080	67.46	cps
Calcium	43-1	1700	1617	1960	1759	10.18	cps
Calcium	44-1	54894	55491	64166	58184	8.92	cps
Carbon	12-1	7595256	2983187	3142644	4573696	57.24	cps
Carbon	12-2	127419	48578	29420	68472	75.86	cps
Chlorine	35-1	112092	123941	148093	128042	14.33	cps
Chlorine	35-2	1380	1060	850	1097	24.34	cps
Chromium	52-2	14265	4981	21389	13545	60.74	cps
Cobalt	59-2	32795	12069	69732	38199	76.46	cps
Copper	63-2	26671	11515	36853	25013	50.97	cps
Dysprosium	156-1	693	1187	2664	1515	67.69	cps
Dysprosium	156-2	73	40	143	86	61.65	cps
Erbium	164-1	130	293	523	316	62.62	cps
Erbium	164-2	67	27	157	83	79.90	cps
Gadolinium	160-1	223	327	860	470	72.70	cps
Gadolinium	160-2	110	33	160	101	63.10	cps
Holmium	165-1	24203929	40185564	95002629	53130707	69.89	cps
Holmium	165-2	16306976	6149734	38548805	20335172	81.49	cps
Indium	115-1	21272116	35474408	85036839	47261121	70.83	cps
Indium	115-2	4190796	1611039	9971970	5257935	81.43	cps
Iron	54-2	6488	2137	3114	3913	58.35	cps
Iron	56-2	97504	31465	43999	57656	60.83	cps
Iron	57-2	2334	857	1260	1483	51.46	cps
Krypton	83-1	4011	673	547	1744	112.67	cps
Lead	206-1	43331	69447	146422	86400	62.03	cps

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	TUNE	Instrumnet Name :	P8
Client Sample ID :	TUNE	Dilution Factor :	1
Date & Time Acquired :	2025-03-17 14:36:23	DataFile Name :	001SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	37552	58717	125556	73942	62.12	cps
Lead	208-1	173730	272172	574482	340128	61.40	cps
Lithium	6-1	8627779	13476946	32675108	18259944	69.65	cps
Magnesium	24-2	14297	4944	14385	11209	48.40	cps
Manganese	55-2	17972	5728	10264	11321	54.67	cps
Molybdenum	94-1	11743	17602	39237	22860	63.35	cps
Molybdenum	95-1	19065	28574	64335	37325	63.95	cps
Molybdenum	96-1	20414	30688	69783	40295	64.64	cps
Molybdenum	97-1	11596	17325	40608	23176	66.30	cps
Molybdenum	98-1	30382	45514	104551	60149	65.16	cps
Neodymium	150-1	10	13	23	16	44.60	cps
Neodymium	150-2	3	0	10	4	114.60	cps
Nickel	60-2	12223	4648	21066	12645	64.98	cps
Phosphorus	31-2	303	190	110	201	48.31	cps
Potassium	39-2	23106	13717	12729	16517	34.67	cps
Rhodium	103-1	20760952	33840918	82901980	45834617	71.48	cps
Rhodium	103-2	13539627	5177137	32550315	17089027	82.08	cps
Scandium	45-1	15832655	24955917	60984621	33924398	70.38	cps
Scandium	45-2	507348	186408	1192546	628767	81.74	cps
Selenium	82-1	504	910	2174	1196	72.83	cps
Selenium	77-2	27	0	30	19	87.05	cps
Selenium	78-2	80	30	133	81	63.71	cps
Silicon	28-1	2087934	1046446	1060788	1398390	42.71	cps
Silver	107-1	283	380	760	474	53.11	cps
Silver	109-1	167	243	487	299	55.90	cps
Sodium	23-2	66415	38649	37625	47563	34.34	cps
Strontium	86-1	6172	1127	880	2726	109.55	cps
Strontium	88-1	337	373	740	483	46.15	cps
Sulfur	34-1	359044	338737	407549	368443	9.60	cps
Terbium	159-1	25068461	41235804	99243889	55182718	70.68	cps
Terbium	159-2	16083991	5988047	38945425	20339155	83.02	cps
Thallium	203-1	26565	41418	88318	52100	61.87	cps
Thallium	205-1	63042	100955	209908	124635	61.17	cps
Tin	118-1	1020	1217	2947	1728	61.37	cps
Titanium	47-1	477	463	673	538	21.87	cps
Uranium	238-1	159328	257035	552583	322982	63.39	cps

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	TUNE	Instrumnet Name :	P8
Client Sample ID :	TUNE	Dilution Factor :	1
Date & Time Acquired :	2025-03-17 14:36:23	DataFile Name :	001SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	6765	2510	14983	8086	78.41	cps
Ytterbium	172-1	97	140	317	184	63.18	cps
Ytterbium	172-2	50	23	183	86	100.20	cps
Ytterbium	176-1	3651	5839	14976	8155	73.66	cps
Ytterbium	176-2	1277	513	3211	1667	83.41	cps
Yttrium	89-1	39441074	63805066	155280111	86175417	70.87	cps
Yttrium	89-2	4937828	1962257	12393718	6431267	83.56	cps
Zinc	66-2	4131	1657	4951	3579	47.91	cps
Zirconium	90-1	2700	3701	8039	4813	58.96	cps
Zirconium	91-1	443	750	1357	850	54.68	cps

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2025-03-17 15:05:19	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	267	330	257	284	13.98	cps
Antimony	121-1	157	107	110	124	22.46	cps
Arsenic	75-2	33	20	13	22	45.83	cps
Barium	135-1	490	383	380	418	14.98	cps
Barium	137-1	773	690	533	666	18.31	cps
Beryllium	9-1	1147	1161	1056	1122	5.09	cps
Bismuth	209-1	11622222	12117366	12153074	11964221	2.48	cps
Bismuth	209-2	6705834	6791953	6541579	6679788	1.90	cps
Bromine	81-1	10377	9917	10024	10106	2.38	cps
Cadmium	108-1	57	30	57	48	32.23	cps
Cadmium	106-1	13583	14261	14337	14061	2.95	cps
Cadmium	111-1	9639	10165	10207	10003	3.16	cps
Calcium	43-1	2837	2917	2574	2776	6.47	cps
Calcium	44-1	114272	109345	107574	110397	3.14	cps
Carbon	12-1	6720600	6512901	6435204	6556235	2.25	cps
Carbon	12-2	47389	48095	47396	47627	0.85	cps
Chlorine	35-1	198278	197275	198410	197988	0.31	cps
Chlorine	35-2	1080	950	1043	1024	6.54	cps
Chromium	52-2	1660	1820	1823	1768	5.28	cps
Cobalt	59-2	537	507	550	531	4.18	cps
Copper	63-2	10230	9657	9547	9811	3.74	cps
Dysprosium	156-1	13	47	23	28	61.59	cps
Dysprosium	156-2	10	7	10	9	21.63	cps
Erbium	164-1	127	147	113	129	13.02	cps
Erbium	164-2	73	63	47	61	22.04	cps
Gadolinium	160-1	200	263	240	234	13.66	cps
Gadolinium	160-2	67	67	60	64	5.98	cps
Holmium	165-1	20749121	21715306	20973813	21146080	2.39	cps
Holmium	165-2	9202999	9239499	9489253	9310584	1.67	cps
Indium	115-1	18540935	19178043	19153431	18957470	1.90	cps
Indium	115-2	2509957	2524685	2511134	2515259	0.33	cps
Iron	54-2	967	1003	1010	993	2.35	cps
Iron	56-2	12999	13173	13250	13141	0.98	cps
Iron	57-2	337	347	367	350	4.36	cps
Krypton	83-1	617	460	397	491	23.06	cps
Lead	206-1	1927	1583	1513	1675	13.21	cps

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2025-03-17 15:05:19	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	1680	1263	1220	1388	18.30	cps
Lead	208-1	7441	6141	5854	6478	13.05	cps
Lithium	6-1	7007964	7383745	7238188	7209966	2.63	cps
Magnesium	24-2	2950	2937	2850	2913	1.86	cps
Manganese	55-2	2120	2200	2077	2132	2.93	cps
Molybdenum	94-1	1243	1093	1050	1129	8.99	cps
Molybdenum	95-1	683	450	450	528	25.53	cps
Molybdenum	96-1	873	697	627	732	17.36	cps
Molybdenum	97-1	417	333	380	377	11.09	cps
Molybdenum	98-1	1017	760	633	803	24.31	cps
Neodymium	150-1	13	33	13	20	57.74	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	1403	1560	1547	1503	5.78	cps
Phosphorus	31-2	233	183	220	212	12.20	cps
Potassium	39-2	17931	17791	18148	17957	1.00	cps
Rhodium	103-1	18720582	19771476	19342804	19278287	2.74	cps
Rhodium	103-2	8041891	8163991	8067095	8090992	0.80	cps
Scandium	45-1	14109474	14333678	14263828	14235660	0.81	cps
Scandium	45-2	313826	310762	311394	311994	0.52	cps
Selenium	82-1	43	3	43	30	76.96	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	20	13	27	20	33.35	cps
Silicon	28-1	1702384	1555714	1618834	1625644	4.53	cps
Silver	107-1	353	377	323	351	7.62	cps
Silver	109-1	180	200	290	223	26.24	cps
Sodium	23-2	70754	71193	72075	71341	0.94	cps
Strontium	86-1	1110	927	837	958	14.54	cps
Strontium	88-1	1417	1137	1193	1249	11.85	cps
Sulfur	34-1	1026850	1009259	1002909	1013006	1.22	cps
Terbium	159-1	21039101	22430442	21919541	21796361	3.23	cps
Terbium	159-2	9120705	9279504	9115723	9171977	1.02	cps
Thallium	203-1	840	827	730	799	7.51	cps
Thallium	205-1	2080	1747	1807	1878	9.46	cps
Tin	118-1	3444	3544	3427	3472	1.82	cps
Titanium	47-1	657	690	647	664	3.41	cps
Uranium	238-1	2020	1860	1914	1931	4.22	cps

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2025-03-17 15:05:19	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	107	97	83	96	12.25	cps
Ytterbium	172-1	67	73	87	76	13.48	cps
Ytterbium	172-2	47	20	37	34	39.11	cps
Ytterbium	176-1	4194	4414	4041	4216	4.45	cps
Ytterbium	176-2	920	1020	960	967	5.21	cps
Yttrium	89-1	34101804	35596340	35377219	35025121	2.30	cps
Yttrium	89-2	3146163	3087351	3132496	3122003	0.99	cps
Zinc	66-2	447	413	450	437	4.64	cps
Zirconium	90-1	2634	2604	2670	2636	1.27	cps
Zirconium	91-1	467	530	523	507	6.87	cps

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2025-03-17 15:11:55	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3921	3727	3987	3878	3.48	cps
Antimony	121-1	78443	78135	77387	77989	0.70	cps
Arsenic	75-2	1170	1080	970	1073	9.33	cps
Barium	135-1	91395	91080	92949	91808	1.09	cps
Barium	137-1	160039	159177	160742	159986	0.49	cps
Beryllium	9-1	15284	15216	15161	15220	0.40	cps
Bismuth	209-1	12375999	13053396	12149340	12526245	3.76	cps
Bismuth	209-2	6500106	6395261	6615812	6503726	1.70	cps
Bromine	81-1	9507	9223	9350	9360	1.52	cps
Cadmium	108-1	817	920	850	862	6.12	cps
Cadmium	106-1	15656	16630	14841	15709	5.70	cps
Cadmium	111-1	21685	21858	20812	21452	2.61	cps
Calcium	43-1	72813	73255	72860	72976	0.33	cps
Calcium	44-1	1327684	1302164	1303402	1311083	1.10	cps
Carbon	12-1	6652278	6656573	6686224	6665025	0.28	cps
Carbon	12-2	51042	51911	51185	51379	0.91	cps
Chlorine	35-1	207664	208229	208378	208090	0.18	cps
Chlorine	35-2	1127	1010	1023	1053	6.06	cps
Chromium	52-2	21696	21853	21399	21650	1.07	cps
Cobalt	59-2	20128	20598	20084	20270	1.41	cps
Copper	63-2	40702	40087	40591	40460	0.81	cps
Dysprosium	156-1	53	57	53	54	3.54	cps
Dysprosium	156-2	10	13	23	16	44.60	cps
Erbium	164-1	147	140	173	153	11.51	cps
Erbium	164-2	37	37	50	41	18.72	cps
Gadolinium	160-1	203	253	270	242	14.32	cps
Gadolinium	160-2	47	47	53	49	7.86	cps
Holmium	165-1	21436106	22865316	20819445	21706956	4.83	cps
Holmium	165-2	9121151	8875793	9146254	9047733	1.65	cps
Indium	115-1	19125702	21002418	19022755	19716958	5.65	cps
Indium	115-2	2447055	2406549	2465109	2439571	1.23	cps
Iron	54-2	22745	22802	22698	22748	0.23	cps
Iron	56-2	407238	407592	401964	405598	0.78	cps
Iron	57-2	10267	10227	9967	10154	1.61	cps
Krypton	83-1	443	537	463	481	10.21	cps
Lead	206-1	25999	25619	25706	25775	0.77	cps

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2025-03-17 15:11:55	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	22453	22386	22633	22491	0.57	cps
Lead	208-1	104048	102750	103931	103576	0.69	cps
Lithium	6-1	7239732	8010859	7328511	7526367	5.61	cps
Magnesium	24-2	313335	304917	311423	309892	1.42	cps
Manganese	55-2	6358	6195	5898	6150	3.79	cps
Molybdenum	94-1	88013	88724	89036	88591	0.59	cps
Molybdenum	95-1	107024	107197	107552	107258	0.25	cps
Molybdenum	96-1	119407	117340	120968	119238	1.53	cps
Molybdenum	97-1	66736	65661	67567	66655	1.43	cps
Molybdenum	98-1	171924	171064	172227	171738	0.35	cps
Neodymium	150-1	17	43	17	26	60.23	cps
Neodymium	150-2	0	7	10	6	91.64	cps
Nickel	60-2	6828	6742	6962	6844	1.62	cps
Phosphorus	31-2	527	460	480	489	7.00	cps
Potassium	39-2	223613	223701	222730	223348	0.24	cps
Rhodium	103-1	19179146	21305891	19029686	19838241	6.42	cps
Rhodium	103-2	7950072	7696684	7861945	7836233	1.64	cps
Scandium	45-1	14565111	15601967	13768978	14645352	6.28	cps
Scandium	45-2	302401	301442	304063	302635	0.44	cps
Selenium	82-1	3567	3447	3354	3456	3.09	cps
Selenium	77-2	73	90	90	84	11.40	cps
Selenium	78-2	263	247	290	267	8.20	cps
Silicon	28-1	1677106	1711855	1662738	1683900	1.50	cps
Silver	107-1	54042	54748	53717	54169	0.97	cps
Silver	109-1	50954	50552	51255	50920	0.69	cps
Sodium	23-2	654892	654601	653967	654487	0.07	cps
Strontium	86-1	14558	14538	14915	14670	1.45	cps
Strontium	88-1	120245	118767	119738	119583	0.63	cps
Sulfur	34-1	1058653	1032598	1023160	1038137	1.77	cps
Terbium	159-1	21737564	23921220	21580719	22413168	5.84	cps
Terbium	159-2	9163698	8812997	8967052	8981249	1.96	cps
Thallium	203-1	31234	31622	31625	31494	0.71	cps
Thallium	205-1	76581	75234	75153	75656	1.06	cps
Tin	118-1	162293	163871	164842	163669	0.79	cps
Titanium	47-1	36292	35755	36169	36072	0.78	cps
Uranium	238-1	95015	95291	96086	95464	0.58	cps

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2025-03-17 15:11:55	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	39117	38378	38261	38585	1.20	cps
Ytterbium	172-1	83	80	53	72	22.77	cps
Ytterbium	172-2	33	37	40	37	9.10	cps
Ytterbium	176-1	4301	4604	4074	4326	6.15	cps
Ytterbium	176-2	923	803	873	867	6.96	cps
Yttrium	89-1	35113524	38275889	34764963	36051459	5.37	cps
Yttrium	89-2	2966615	3006650	3004452	2992572	0.75	cps
Zinc	66-2	8903	9123	9106	9044	1.36	cps
Zirconium	90-1	74430	75181	75402	75005	0.68	cps
Zirconium	91-1	16433	16527	16336	16432	0.58	cps

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2025-03-17 15:15:11	DataFile Name :	007CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	168915	165412	165324	166550	1.23	cps
Antimony	121-1	1842252	1864551	1856359	1854388	0.61	cps
Arsenic	75-2	44503	44767	44597	44623	0.30	cps
Barium	135-1	2215120	2228776	2209991	2217962	0.44	cps
Barium	137-1	3842064	3875618	3887323	3868335	0.61	cps
Beryllium	9-1	659117	662071	650389	657192	0.92	cps
Bismuth	209-1	12173029	12056933	12492602	12240855	1.84	cps
Bismuth	209-2	6630378	6601915	6524292	6585529	0.83	cps
Bromine	81-1	8816	8573	9073	8821	2.84	cps
Cadmium	108-1	39607	40038	40232	39959	0.80	cps
Cadmium	106-1	67980	68609	68918	68502	0.70	cps
Cadmium	111-1	507956	515532	516273	513254	0.90	cps
Calcium	43-1	661833	669447	653769	661683	1.18	cps
Calcium	44-1	10907739	11049569	10808361	10921890	1.11	cps
Carbon	12-1	7516932	7477229	7431645	7475269	0.57	cps
Carbon	12-2	55206	55126	55772	55368	0.64	cps
Chlorine	35-1	231666	233423	232057	232382	0.40	cps
Chlorine	35-2	1030	1163	1117	1103	6.13	cps
Chromium	52-2	449312	441072	440275	443553	1.13	cps
Cobalt	59-2	836135	833274	830740	833383	0.32	cps
Copper	63-2	7478081	7421593	7413983	7437886	0.47	cps
Dysprosium	156-1	70	60	97	76	25.09	cps
Dysprosium	156-2	13	33	17	21	50.75	cps
Erbium	164-1	180	167	133	160	15.02	cps
Erbium	164-2	67	53	53	58	13.33	cps
Gadolinium	160-1	237	213	273	241	12.54	cps
Gadolinium	160-2	37	57	63	52	26.57	cps
Holmium	165-1	21580830	21258946	21173249	21337675	1.01	cps
Holmium	165-2	8979769	9017414	9152497	9049894	1.00	cps
Indium	115-1	18980180	18620686	19001891	18867586	1.13	cps
Indium	115-2	2351739	2333214	2307343	2330765	0.96	cps
Iron	54-2	966236	955144	964166	961849	0.61	cps
Iron	56-2	17710827	17494754	17624076	17609886	0.62	cps
Iron	57-2	442271	437754	437500	439175	0.61	cps
Krypton	83-1	433	437	450	440	2.00	cps
Lead	206-1	6111654	6193946	6211454	6172351	0.86	cps

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2025-03-17 15:15:11	DataFile Name :	007CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	5470874	5483712	5420339	5458308	0.61	cps
Lead	208-1	24489782	25000387	24544732	24678300	1.14	cps
Lithium	6-1	7561250	7631561	7506453	7566421	0.83	cps
Magnesium	24-2	2837049	2804997	2828141	2823396	0.59	cps
Manganese	55-2	2206945	2207387	2220737	2211689	0.35	cps
Molybdenum	94-1	7115117	6983206	6829442	6975922	2.05	cps
Molybdenum	95-1	10179869	10220913	9969630	10123471	1.33	cps
Molybdenum	96-1	11051059	10996397	11067163	11038206	0.34	cps
Molybdenum	97-1	6300262	6183296	6191178	6224912	1.05	cps
Molybdenum	98-1	16257699	16155024	16158603	16190442	0.36	cps
Neodymium	150-1	167	147	150	154	6.94	cps
Neodymium	150-2	13	3	3	7	86.65	cps
Nickel	60-2	239459	237185	238608	238418	0.48	cps
Phosphorus	31-2	9920	9973	9807	9900	0.86	cps
Potassium	39-2	932261	920142	925436	925946	0.66	cps
Rhodium	103-1	18873326	18050116	18662466	18528636	2.31	cps
Rhodium	103-2	7401464	7470179	7474310	7448651	0.55	cps
Scandium	45-1	13954601	13636476	13901255	13830777	1.23	cps
Scandium	45-2	285758	283387	283289	284144	0.49	cps
Selenium	82-1	33030	32495	33531	33019	1.57	cps
Selenium	77-2	640	747	803	730	11.36	cps
Selenium	78-2	2217	2140	2247	2201	2.50	cps
Silicon	28-1	3262621	3195953	3198914	3219162	1.17	cps
Silver	107-1	2671141	2712577	2716306	2700008	0.93	cps
Silver	109-1	2572222	2518560	2592488	2561090	1.49	cps
Sodium	23-2	5382364	5261420	5348434	5330739	1.17	cps
Strontium	86-1	622085	620534	622401	621674	0.16	cps
Strontium	88-1	5482390	5591176	5487079	5520215	1.11	cps
Sulfur	34-1	1178682	1179422	1134943	1164349	2.19	cps
Terbium	159-1	22317441	21529893	22152108	21999814	1.89	cps
Terbium	159-2	8876101	8874440	9004644	8918395	0.84	cps
Thallium	203-1	1487548	1520152	1541805	1516502	1.80	cps
Thallium	205-1	3626301	3618578	3796347	3680408	2.73	cps
Tin	118-1	1460503	1478710	1474397	1471203	0.65	cps
Titanium	47-1	3288719	3352725	3259696	3300380	1.44	cps
Uranium	238-1	4604911	4669056	4631503	4635157	0.70	cps

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2025-03-17 15:15:11	DataFile Name :	007CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	340320	341257	340573	340717	0.14	cps
Ytterbium	172-1	63	123	110	99	31.86	cps
Ytterbium	172-2	43	40	40	41	4.68	cps
Ytterbium	176-1	11415	10855	11258	11176	2.59	cps
Ytterbium	176-2	3987	4057	4107	4051	1.49	cps
Yttrium	89-1	34383801	33150948	34297159	33943969	2.03	cps
Yttrium	89-2	2827635	2865056	2856899	2849863	0.69	cps
Zinc	66-2	835116	828318	835191	832875	0.47	cps
Zirconium	90-1	3438631	3470504	3473414	3460850	0.56	cps
Zirconium	91-1	735767	752854	750601	746407	1.24	cps

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2025-03-17 15:18:09	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	413836	415073	416352	415087	0.30	cps
Antimony	121-1	4830105	4826231	4845707	4834014	0.21	cps
Arsenic	75-2	111722	112031	112030	111928	0.16	cps
Barium	135-1	5584225	5829913	5757757	5723965	2.21	cps
Barium	137-1	9732980	9842540	9808275	9794598	0.57	cps
Beryllium	9-1	1623583	1622562	1659656	1635267	1.29	cps
Bismuth	209-1	12534251	12035708	12698094	12422685	2.78	cps
Bismuth	209-2	6191189	6434881	6496282	6374117	2.53	cps
Bromine	81-1	8203	8129	8583	8305	2.93	cps
Cadmium	108-1	98928	100664	99895	99829	0.87	cps
Cadmium	106-1	149665	150437	149749	149950	0.28	cps
Cadmium	111-1	1270513	1287196	1287018	1281576	0.75	cps
Calcium	43-1	1707541	1694528	1688219	1696763	0.58	cps
Calcium	44-1	27035910	27413292	27010367	27153190	0.83	cps
Carbon	12-1	7420826	7568867	7420181	7469958	1.15	cps
Carbon	12-2	55484	56766	55364	55871	1.39	cps
Chlorine	35-1	321114	327978	334921	328004	2.10	cps
Chlorine	35-2	1720	1640	1653	1671	2.57	cps
Chromium	52-2	1099294	1098813	1097930	1098679	0.06	cps
Cobalt	59-2	2112699	2116806	2142118	2123874	0.75	cps
Copper	63-2	18656447	18405526	18353816	18471929	0.88	cps
Dysprosium	156-1	137	150	113	133	13.92	cps
Dysprosium	156-2	20	33	27	27	24.99	cps
Erbium	164-1	140	220	207	189	22.69	cps
Erbium	164-2	67	73	83	74	11.26	cps
Gadolinium	160-1	293	273	260	276	6.09	cps
Gadolinium	160-2	43	53	40	46	15.23	cps
Holmium	165-1	22143603	20639127	21648196	21476976	3.57	cps
Holmium	165-2	8881704	9003358	9143982	9009681	1.46	cps
Indium	115-1	18729761	17877632	18669040	18425478	2.58	cps
Indium	115-2	2191877	2263963	2315447	2257096	2.75	cps
Iron	54-2	2484768	2446005	2457827	2462866	0.81	cps
Iron	56-2	44019963	43785584	43896388	43900645	0.27	cps
Iron	57-2	1090469	1086782	1089861	1089038	0.18	cps
Krypton	83-1	473	477	407	452	8.73	cps
Lead	206-1	16289449	16287954	16614404	16397269	1.15	cps

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2025-03-17 15:18:09	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	13965507	14147944	14292451	14135301	1.16	cps
Lead	208-1	64617386	64953805	65341912	64971034	0.56	cps
Lithium	6-1	7292432	7095219	7375722	7254458	1.99	cps
Magnesium	24-2	6832732	6905719	6845209	6861220	0.57	cps
Manganese	55-2	5362336	5282789	5303043	5316056	0.78	cps
Molybdenum	94-1	17707788	17762380	17412926	17627698	1.07	cps
Molybdenum	95-1	25872718	25550540	25728273	25717177	0.63	cps
Molybdenum	96-1	28286547	27634852	28229171	28050190	1.29	cps
Molybdenum	97-1	15480928	15527571	15988787	15665762	1.79	cps
Molybdenum	98-1	40442847	41148576	41206077	40932500	1.04	cps
Neodymium	150-1	347	323	330	333	3.61	cps
Neodymium	150-2	17	7	17	13	43.29	cps
Nickel	60-2	596699	590242	591545	592829	0.58	cps
Phosphorus	31-2	24184	24457	24537	24393	0.76	cps
Potassium	39-2	2309856	2323760	2346670	2326762	0.80	cps
Rhodium	103-1	17843304	17222333	18182822	17749487	2.74	cps
Rhodium	103-2	7108642	7488435	7495664	7364247	3.01	cps
Scandium	45-1	13378321	13041573	13480129	13300008	1.73	cps
Scandium	45-2	262444	273463	277748	271218	2.91	cps
Selenium	82-1	81474	81002	82459	81645	0.91	cps
Selenium	77-2	1580	1867	1657	1701	8.72	cps
Selenium	78-2	5481	5564	5678	5574	1.77	cps
Silicon	28-1	5699237	5773763	5765083	5746028	0.71	cps
Silver	107-1	6631281	6798707	6714957	6714981	1.25	cps
Silver	109-1	6208770	6392498	6294370	6298546	1.46	cps
Sodium	23-2	13361140	13255887	13377254	13331427	0.49	cps
Strontium	86-1	1623804	1624725	1567117	1605215	2.06	cps
Strontium	88-1	13731122	13772724	13762729	13755525	0.16	cps
Sulfur	34-1	1303620	1285169	1262452	1283747	1.61	cps
Terbium	159-1	22594086	21647228	22685746	22309020	2.58	cps
Terbium	159-2	8592573	8989005	9060339	8880639	2.84	cps
Thallium	203-1	4111213	4172372	4228273	4170619	1.40	cps
Thallium	205-1	9884439	9709374	9771354	9788389	0.91	cps
Tin	118-1	3912051	3794902	3861454	3856136	1.52	cps
Titanium	47-1	8138972	8008474	8041029	8062825	0.84	cps
Uranium	238-1	12099911	12119381	12130531	12116608	0.13	cps

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2025-03-17 15:18:09	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	846967	844791	849517	847091	0.28	cps
Ytterbium	172-1	120	170	177	156	19.91	cps
Ytterbium	172-2	73	63	67	68	7.51	cps
Ytterbium	176-1	22693	22853	22566	22704	0.63	cps
Ytterbium	176-2	8860	8823	8987	8890	0.96	cps
Yttrium	89-1	33691694	32730155	33385502	33269117	1.48	cps
Yttrium	89-2	2662003	2807243	2778278	2749175	2.80	cps
Zinc	66-2	2165066	2161197	2154458	2160241	0.25	cps
Zirconium	90-1	8675681	8660403	8509514	8615199	1.07	cps
Zirconium	91-1	1955717	1924541	1934255	1938171	0.82	cps

LB Number : LB135062 Operator : Jaswal
 Lab Sample ID : S5 Instrumnet Name : P8
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired : 2025-03-17 15:20:54 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	831279	823256	826943	827159	0.49	cps
Antimony	121-1	9507901	9428432	9639063	9525132	1.12	cps
Arsenic	75-2	223982	223545	222093	223207	0.44	cps
Barium	135-1	11252670	11227519	11634656	11371615	2.01	cps
Barium	137-1	19209129	19319435	19787144	19438570	1.58	cps
Beryllium	9-1	3132573	3232442	3277301	3214105	2.31	cps
Bismuth	209-1	12772481	12944533	12942070	12886361	0.77	cps
Bismuth	209-2	6584353	6562670	6502609	6549877	0.65	cps
Bromine	81-1	8643	8976	8776	8798	1.91	cps
Cadmium	108-1	193052	199579	194784	195805	1.73	cps
Cadmium	106-1	286896	287498	292022	288805	0.97	cps
Cadmium	111-1	2607793	2624157	2600398	2610782	0.47	cps
Calcium	43-1	3280884	3285578	3278998	3281820	0.10	cps
Calcium	44-1	53207014	53670891	53432416	53436774	0.43	cps
Carbon	12-1	7481474	7640072	7781069	7634205	1.96	cps
Carbon	12-2	60283	59590	59767	59880	0.60	cps
Chlorine	35-1	428084	440584	450142	439603	2.52	cps
Chlorine	35-2	2277	2264	2033	2191	6.24	cps
Chromium	52-2	2308484	2245218	2262484	2272062	1.44	cps
Cobalt	59-2	4187570	4183573	4118012	4163052	0.94	cps
Copper	63-2	36703950	36610348	36514019	36609439	0.26	cps
Dysprosium	156-1	230	243	250	241	4.22	cps
Dysprosium	156-2	53	43	43	47	12.37	cps
Erbium	164-1	280	227	230	246	12.17	cps
Erbium	164-2	133	73	77	94	35.71	cps
Gadolinium	160-1	263	267	337	289	14.33	cps
Gadolinium	160-2	77	93	100	90	13.35	cps
Holmium	165-1	21385488	22342232	21839167	21855629	2.19	cps
Holmium	165-2	9191713	9112155	9254627	9186165	0.78	cps
Indium	115-1	18082676	18581263	18499158	18387699	1.45	cps
Indium	115-2	2277558	2257764	2281281	2272201	0.56	cps
Iron	54-2	4854340	4879648	4796433	4843473	0.88	cps
Iron	56-2	88529442	87531875	86949352	87670223	0.91	cps
Iron	57-2	2278616	2272180	2258082	2269626	0.46	cps
Krypton	83-1	433	457	390	427	7.93	cps
Lead	206-1	32575752	33031630	33063103	32890161	0.83	cps

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2025-03-17 15:20:54	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	27847120	28166847	29046800	28353589	2.19	cps
Lead	208-1	129632096	130370384	133024441	131008974	1.36	cps
Lithium	6-1	7181065	7469164	7360896	7337042	1.98	cps
Magnesium	24-2	13817301	13830301	13860097	13835900	0.16	cps
Manganese	55-2	10717278	10609625	10581314	10636072	0.67	cps
Molybdenum	94-1	35007097	35084432	35472189	35187906	0.71	cps
Molybdenum	95-1	51368439	51351279	51248583	51322767	0.13	cps
Molybdenum	96-1	57153254	56422347	56358971	56644857	0.78	cps
Molybdenum	97-1	31983442	31715624	32233441	31977502	0.81	cps
Molybdenum	98-1	82209007	82097129	84279452	82861863	1.48	cps
Neodymium	150-1	690	703	623	672	6.38	cps
Neodymium	150-2	30	37	30	32	11.95	cps
Nickel	60-2	1169045	1166588	1165810	1167147	0.14	cps
Phosphorus	31-2	48889	47832	48949	48556	1.29	cps
Potassium	39-2	4616225	4475623	4626570	4572806	1.84	cps
Rhodium	103-1	18753011	18300321	18652804	18568712	1.28	cps
Rhodium	103-2	7390979	7362572	7367141	7373564	0.21	cps
Scandium	45-1	13634637	13715505	13613585	13654576	0.39	cps
Scandium	45-2	280495	280081	281059	280545	0.18	cps
Selenium	82-1	159339	162145	159409	160297	1.00	cps
Selenium	77-2	3330	3237	3114	3227	3.37	cps
Selenium	78-2	11261	11074	11265	11200	0.97	cps
Silicon	28-1	9803721	9873959	9961605	9879762	0.80	cps
Silver	107-1	13150079	13561845	13289814	13333912	1.57	cps
Silver	109-1	12444161	12605091	12500209	12516487	0.65	cps
Sodium	23-2	26577233	26530325	26454444	26520667	0.23	cps
Strontium	86-1	3122847	3159151	3296481	3192826	2.87	cps
Strontium	88-1	27587601	27645440	28284110	27839050	1.39	cps
Sulfur	34-1	1637024	1637438	1606979	1627147	1.07	cps
Terbium	159-1	23115705	22630696	23266313	23004238	1.44	cps
Terbium	159-2	9093752	8913565	9168315	9058544	1.45	cps
Thallium	203-1	8238219	8208763	8411122	8286034	1.32	cps
Thallium	205-1	19687873	19843776	19710886	19747512	0.43	cps
Tin	118-1	7449087	7520662	7569005	7512918	0.80	cps
Titanium	47-1	16230759	15971314	16168805	16123626	0.84	cps
Uranium	238-1	24329045	24608859	25166492	24701465	1.73	cps

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2025-03-17 15:20:54	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1713203	1713770	1719242	1715405	0.19	cps
Ytterbium	172-1	143	163	280	196	37.74	cps
Ytterbium	172-2	103	110	103	106	3.65	cps
Ytterbium	176-1	41699	40977	42786	41820	2.18	cps
Ytterbium	176-2	17375	17091	17075	17180	0.98	cps
Yttrium	89-1	33737271	33985767	34550608	34091215	1.22	cps
Yttrium	89-2	2887412	2848759	2764462	2833544	2.22	cps
Zinc	66-2	4162735	4197042	4168892	4176223	0.44	cps
Zirconium	90-1	17166283	17132786	17555479	17284849	1.36	cps
Zirconium	91-1	3898095	3843531	3902812	3881479	0.85	cps

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2025-03-17 15:23:41	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1627547	1673254	1659210	1653337	1.42	cps
Antimony	121-1	18852777	18851924	18603229	18769310	0.77	cps
Arsenic	75-2	446003	446230	447184	446473	0.14	cps
Barium	135-1	22673691	22711248	23079287	22821409	0.98	cps
Barium	137-1	38689049	38752765	39045748	38829187	0.49	cps
Beryllium	9-1	6111424	6180104	6235023	6175517	1.00	cps
Bismuth	209-1	12049897	12647064	12364820	12353927	2.42	cps
Bismuth	209-2	6518201	6490881	6344307	6451130	1.45	cps
Bromine	81-1	9116	9246	9467	9276	1.91	cps
Cadmium	108-1	384295	385271	386316	385294	0.26	cps
Cadmium	106-1	552632	552141	548320	551031	0.43	cps
Cadmium	111-1	5181977	5150435	5165941	5166118	0.31	cps
Calcium	43-1	6630842	6526568	6629585	6595665	0.91	cps
Calcium	44-1	106372572	105555158	105747755	105891828	0.40	cps
Carbon	12-1	8251979	8390358	8470201	8370846	1.32	cps
Carbon	12-2	66647	66844	67551	67014	0.71	cps
Chlorine	35-1	276073	282100	283431	280535	1.40	cps
Chlorine	35-2	1427	1360	1360	1382	2.78	cps
Chromium	52-2	4489738	4436060	4486334	4470711	0.67	cps
Cobalt	59-2	8124194	8213327	8253086	8196869	0.81	cps
Copper	63-2	72343056	70786239	71688357	71605884	1.09	cps
Dysprosium	156-1	417	423	450	430	4.10	cps
Dysprosium	156-2	87	83	87	86	2.25	cps
Erbium	164-1	330	347	320	332	4.06	cps
Erbium	164-2	123	113	130	122	6.87	cps
Gadolinium	160-1	410	380	350	380	7.89	cps
Gadolinium	160-2	97	83	110	97	13.79	cps
Holmium	165-1	21887506	21886203	22524883	22099531	1.67	cps
Holmium	165-2	9340317	9237097	9076542	9217985	1.44	cps
Indium	115-1	18604284	18392170	18437786	18478080	0.60	cps
Indium	115-2	2269562	2281970	2262845	2271459	0.43	cps
Iron	54-2	9487241	9505830	9372394	9455155	0.76	cps
Iron	56-2	173965331	172381844	173119911	173155695	0.46	cps
Iron	57-2	4385204	4446533	4281472	4371070	1.91	cps
Krypton	83-1	487	450	440	459	5.35	cps
Lead	206-1	63445749	63463697	64347651	63752366	0.81	cps

LB Number : LB135062 Operator : Jaswal
 Lab Sample ID : S6 Instrumnet Name : P8
 Client Sample ID : S6 Dilution Factor : 1
 Date & Time Acquired : 2025-03-17 15:23:41 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	54529921	55410553	56416091	55452188	1.70	cps
Lead	208-1	249861591	253943075	255069980	252958215	1.08	cps
Lithium	6-1	6829750	7089626	7050866	6990081	2.01	cps
Magnesium	24-2	27334472	27092237	27241564	27222758	0.45	cps
Manganese	55-2	21370381	21539334	21236361	21382025	0.71	cps
Molybdenum	94-1	70185456	69898206	69794812	69959491	0.29	cps
Molybdenum	95-1	102364862	102248068	102739532	102450821	0.25	cps
Molybdenum	96-1	110973892	111480552	112408735	111621059	0.65	cps
Molybdenum	97-1	62660507	63808304	63180524	63216445	0.91	cps
Molybdenum	98-1	164123331	165734128	163750311	164535923	0.64	cps
Neodymium	150-1	1397	1337	1437	1390	3.62	cps
Neodymium	150-2	87	63	77	76	15.50	cps
Nickel	60-2	2392196	2429533	2383338	2401689	1.02	cps
Phosphorus	31-2	93529	93794	93995	93772	0.25	cps
Potassium	39-2	9020279	8971548	9052655	9014828	0.45	cps
Rhodium	103-1	17833781	18312417	17998308	18048169	1.35	cps
Rhodium	103-2	7426020	7292054	7339924	7352666	0.92	cps
Scandium	45-1	13566120	13750999	13654258	13657126	0.68	cps
Scandium	45-2	285128	281865	285118	284037	0.66	cps
Selenium	82-1	315615	318153	319155	317641	0.57	cps
Selenium	77-2	6545	6715	6618	6626	1.29	cps
Selenium	78-2	22742	22051	22368	22387	1.55	cps
Silicon	28-1	18419472	18228797	18525715	18391328	0.82	cps
Silver	107-1	25753975	25563775	25615136	25644295	0.38	cps
Silver	109-1	24330002	24896517	24689027	24638515	1.16	cps
Sodium	23-2	51765898	52755694	51778468	52100020	1.09	cps
Strontium	86-1	6284373	6298772	6449006	6344050	1.44	cps
Strontium	88-1	55249984	54624961	55558786	55144577	0.86	cps
Sulfur	34-1	2367996	2343329	2384658	2365328	0.88	cps
Terbium	159-1	22732365	22832094	22643244	22735901	0.42	cps
Terbium	159-2	9146107	9097565	9098642	9114105	0.30	cps
Thallium	203-1	16127679	16198064	16407714	16244485	0.90	cps
Thallium	205-1	37967269	38128051	38447695	38181005	0.64	cps
Tin	118-1	15256436	15016229	15083899	15118854	0.82	cps
Titanium	47-1	32330435	31989842	32491171	32270483	0.79	cps
Uranium	238-1	47797396	48861734	48649673	48436268	1.16	cps

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2025-03-17 15:23:41	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	3416946	3365222	3364436	3382201	0.89	cps
Ytterbium	172-1	347	273	347	322	13.14	cps
Ytterbium	172-2	137	163	133	144	11.38	cps
Ytterbium	176-1	78005	79203	78358	78522	0.78	cps
Ytterbium	176-2	34401	33960	34121	34161	0.65	cps
Yttrium	89-1	33856561	34163365	34525791	34181906	0.98	cps
Yttrium	89-2	2894070	2865971	2856699	2872247	0.68	cps
Zinc	66-2	8367194	8068137	8250041	8228457	1.83	cps
Zirconium	90-1	34479756	34416028	34734755	34543513	0.49	cps
Zirconium	91-1	7747119	7673054	7790728	7736967	0.77	cps

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2025-03-17 15:26:26	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3281443	3282815	3266769	3277009	0.27	cps
Antimony	121-1	37053369	36973969	36831219	36952852	0.30	cps
Arsenic	75-2	884713	876462	882237	881137	0.48	cps
Barium	135-1	44228679	44042146	45412046	44560957	1.67	cps
Barium	137-1	76553134	77035157	77710204	77099498	0.75	cps
Beryllium	9-1	11912158	12183548	12422310	12172672	2.10	cps
Bismuth	209-1	12101710	12241884	12214639	12186078	0.61	cps
Bismuth	209-2	6354478	6296901	6266112	6305831	0.71	cps
Bromine	81-1	10667	10484	10754	10635	1.30	cps
Cadmium	108-1	751262	757558	754118	754313	0.42	cps
Cadmium	106-1	1044904	1054318	1062249	1053824	0.82	cps
Cadmium	111-1	10013458	9778606	9882893	9891652	1.19	cps
Calcium	43-1	13193588	12905379	13071254	13056740	1.11	cps
Calcium	44-1	213208457	211014784	211821924	212015055	0.52	cps
Carbon	12-1	9299001	9807823	9881480	9662768	3.28	cps
Carbon	12-2	81682	84088	82835	82868	1.45	cps
Chlorine	35-1	331571	340265	348054	339963	2.43	cps
Chlorine	35-2	1657	1787	1683	1709	4.02	cps
Chromium	52-2	8825063	8823789	8862656	8837169	0.25	cps
Cobalt	59-2	16169182	16131785	16192754	16164574	0.19	cps
Copper	63-2	139493691	138037355	138903708	138811585	0.53	cps
Dysprosium	156-1	733	867	687	762	12.26	cps
Dysprosium	156-2	113	157	147	139	16.33	cps
Erbium	164-1	520	547	463	510	8.34	cps
Erbium	164-2	150	203	190	181	15.33	cps
Gadolinium	160-1	463	500	550	504	8.62	cps
Gadolinium	160-2	127	120	197	148	28.74	cps
Holmium	165-1	21719200	22178958	22766379	22221512	2.36	cps
Holmium	165-2	9399093	9158778	9272489	9276787	1.30	cps
Indium	115-1	17956952	17838612	18324036	18039867	1.40	cps
Indium	115-2	2222534	2158119	2227201	2202618	1.75	cps
Iron	54-2	19041090	18789320	18813076	18881162	0.74	cps
Iron	56-2	341555408	339685488	341534982	340925293	0.31	cps
Iron	57-2	8520154	8530807	8726621	8592527	1.35	cps
Krypton	83-1	543	497	450	497	9.40	cps
Lead	206-1	121122642	121272935	125115341	122503639	1.85	cps

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2025-03-17 15:26:26	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	105906578	104979532	105043165	105309758	0.49	cps
Lead	208-1	484473136	484485949	487390803	485449963	0.35	cps
Lithium	6-1	7079996	7087258	7186376	7117877	0.83	cps
Magnesium	24-2	54016723	53796971	53943156	53918950	0.21	cps
Manganese	55-2	42730179	42112446	42492849	42445158	0.73	cps
Molybdenum	94-1	137361358	139708908	138926721	138665662	0.86	cps
Molybdenum	95-1	201870390	202648204	205539097	203352564	0.95	cps
Molybdenum	96-1	220626430	220090130	223193877	221303479	0.75	cps
Molybdenum	97-1	125178831	126191841	126731208	126033960	0.63	cps
Molybdenum	98-1	322337069	320788395	327460715	323528726	1.08	cps
Neodymium	150-1	2620	2657	2570	2616	1.66	cps
Neodymium	150-2	130	143	143	139	5.55	cps
Nickel	60-2	4659563	4582520	4698162	4646748	1.27	cps
Phosphorus	31-2	185601	185448	184891	185314	0.20	cps
Potassium	39-2	18298376	18098510	18123668	18173518	0.60	cps
Rhodium	103-1	17793687	17782947	18082979	17886538	0.95	cps
Rhodium	103-2	7319305	7135263	7230129	7228232	1.27	cps
Scandium	45-1	13647283	13809159	13958138	13804860	1.13	cps
Scandium	45-2	291146	290410	292715	291424	0.40	cps
Selenium	82-1	620406	618216	621573	620065	0.27	cps
Selenium	77-2	12429	13083	13110	12874	2.99	cps
Selenium	78-2	42752	42879	43153	42928	0.48	cps
Silicon	28-1	33952737	33867340	34527504	34115860	1.05	cps
Silver	107-1	49855219	51168883	50529183	50517761	1.30	cps
Silver	109-1	47149776	48388748	47716769	47751764	1.30	cps
Sodium	23-2	104136385	104369182	105208335	104571301	0.54	cps
Strontium	86-1	12568049	12720226	12687874	12658717	0.63	cps
Strontium	88-1	107654998	109938192	110714178	109435789	1.45	cps
Sulfur	34-1	4031931	4013180	4104288	4049800	1.19	cps
Terbium	159-1	22615501	22810080	23226512	22884031	1.36	cps
Terbium	159-2	9267058	9014005	8998512	9093192	1.66	cps
Thallium	203-1	31147298	30878231	31258319	31094616	0.63	cps
Thallium	205-1	73294087	74253037	76624574	74723899	2.29	cps
Tin	118-1	29319857	30030098	30070114	29806690	1.42	cps
Titanium	47-1	63394101	63554654	64603581	63850778	1.03	cps
Uranium	238-1	93549422	96695212	96955569	95733401	1.98	cps

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2025-03-17 15:26:26	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	6821548	6781768	6817556	6806957	0.32	cps
Ytterbium	172-1	440	563	550	518	13.07	cps
Ytterbium	172-2	290	253	287	277	7.33	cps
Ytterbium	176-1	150581	152503	154480	152521	1.28	cps
Ytterbium	176-2	66470	66352	66426	66416	0.09	cps
Yttrium	89-1	34258084	34783974	34675259	34572439	0.80	cps
Yttrium	89-2	2953564	2886696	2872297	2904186	1.49	cps
Zinc	66-2	16108676	15951696	16112592	16057655	0.57	cps
Zirconium	90-1	68957702	69748807	69106151	69270887	0.61	cps
Zirconium	91-1	15487663	15117127	15612429	15405740	1.67	cps

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2025-03-17 15:29:15	DataFile Name :	012CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	16894949	17097555	17066309	17019604	0.64	cps
Antimony	121-1	12302	12666	12472	12480	1.46	cps
Arsenic	75-2	487	413	467	456	8.32	cps
Barium	135-1	16330	16053	15719	16034	1.91	cps
Barium	137-1	28052	27388	27141	27527	1.71	cps
Beryllium	9-1	2954	2894	2862	2903	1.60	cps
Bismuth	209-1	10236021	9908570	9563413	9902668	3.40	cps
Bismuth	209-2	5610058	4892426	5551338	5351274	7.45	cps
Bromine	81-1	21053	27684	31789	26842	20.18	cps
Cadmium	108-1	350	297	347	331	9.02	cps
Cadmium	106-1	13537	13286	13370	13398	0.95	cps
Cadmium	111-1	11084	10763	10880	10909	1.49	cps
Calcium	43-1	60798847	59539781	60268676	60202435	1.05	cps
Calcium	44-1	988471239	969811159	981242359	979841585	0.96	cps
Carbon	12-1	7440673	7526208	7538027	7501636	0.71	cps
Carbon	12-2	89940	91724	90741	90801	0.98	cps
Chlorine	35-1	219110	223065	225516	222564	1.45	cps
Chlorine	35-2	1267	1110	1303	1227	8.37	cps
Chromium	52-2	43613	44322	44293	44076	0.91	cps
Cobalt	59-2	33653	33596	33697	33649	0.15	cps
Copper	63-2	29741	29190	28539	29157	2.06	cps
Dysprosium	156-1	1000	1047	1140	1062	6.71	cps
Dysprosium	156-2	490	400	397	429	12.35	cps
Erbium	164-1	1403	1400	1290	1365	4.73	cps
Erbium	164-2	623	587	643	618	4.65	cps
Gadolinium	160-1	1253	1223	1067	1181	8.49	cps
Gadolinium	160-2	717	580	573	623	12.98	cps
Holmium	165-1	20043588	19963200	19571249	19859346	1.27	cps
Holmium	165-2	9008327	7885844	8720631	8538267	6.83	cps
Indium	115-1	16861532	16408046	16132612	16467397	2.24	cps
Indium	115-2	2273199	2012182	2258535	2181305	6.72	cps
Iron	54-2	89303652	89164315	89346295	89271421	0.11	cps
Iron	56-2	1659031815	1643075762	1648693149	1650266909	0.49	cps
Iron	57-2	41277871	41704739	41892264	41624958	0.76	cps
Krypton	83-1	623	733	677	678	8.12	cps
Lead	206-1	49742	48219	46814	48258	3.03	cps

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2025-03-17 15:29:15	DataFile Name :	012CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	43145	42095	40764	42001	2.84	cps
Lead	208-1	197885	191892	187379	192385	2.74	cps
Lithium	6-1	6457443	6360745	6294159	6370782	1.29	cps
Magnesium	24-2	260282976	263151863	263546109	262326983	0.68	cps
Manganese	55-2	18065	18485	18686	18412	1.72	cps
Molybdenum	94-1	29171	29331	30016	29506	1.52	cps
Molybdenum	95-1	46816	56072	58790	53893	11.65	cps
Molybdenum	96-1	42505	40693	40445	41214	2.73	cps
Molybdenum	97-1	18739	19103	19337	19060	1.58	cps
Molybdenum	98-1	39222	36632	35853	37236	4.74	cps
Neodymium	150-1	677	690	583	650	8.94	cps
Neodymium	150-2	200	233	240	224	9.55	cps
Nickel	60-2	15902	15966	15949	15939	0.21	cps
Phosphorus	31-2	227	213	223	221	3.14	cps
Potassium	39-2	94228282	95500449	97137975	95622235	1.53	cps
Rhodium	103-1	15672765	15435419	15193936	15434040	1.55	cps
Rhodium	103-2	6537735	5673202	6397153	6202697	7.48	cps
Scandium	45-1	13255125	12982024	12773622	13003590	1.86	cps
Scandium	45-2	290560	252566	281950	275025	7.24	cps
Selenium	82-1	420	497	467	461	8.38	cps
Selenium	77-2	10	17	20	16	32.73	cps
Selenium	78-2	47	30	43	40	22.05	cps
Silicon	28-1	1647103	1596445	1558807	1600785	2.77	cps
Silver	107-1	4991	4144	3874	4336	13.44	cps
Silver	109-1	4494	3961	3601	4018	11.19	cps
Sodium	23-2	504581419	509239846	512048166	508623144	0.74	cps
Strontium	86-1	38850	38844	38774	38823	0.11	cps
Strontium	88-1	335033	329002	326600	330211	1.32	cps
Sulfur	34-1	708078	748482	767477	741346	4.09	cps
Terbium	159-1	21006281	20456868	20462198	20641782	1.53	cps
Terbium	159-2	8787577	7705456	8659472	8384168	7.05	cps
Thallium	203-1	3747	3084	2820	3217	14.85	cps
Thallium	205-1	8703	7449	6615	7589	13.85	cps
Tin	118-1	6975	7045	6825	6949	1.62	cps
Titanium	47-1	7826	9226	10217	9090	13.22	cps
Uranium	238-1	5124	4724	4508	4785	6.54	cps

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2025-03-17 15:29:15	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1883	1850	1873	1869	0.92	cps
Ytterbium	172-1	2220	2234	1947	2134	7.58	cps
Ytterbium	172-2	1080	1133	1093	1102	2.52	cps
Ytterbium	176-1	5274	5294	5151	5240	1.48	cps
Ytterbium	176-2	1587	1437	1503	1509	4.98	cps
Yttrium	89-1	32714415	32517199	31646870	32292828	1.76	cps
Yttrium	89-2	2973190	2671742	2919789	2854907	5.63	cps
Zinc	66-2	28696	29076	28278	28683	1.39	cps
Zirconium	90-1	32515	31810	31362	31895	1.82	cps
Zirconium	91-1	7172	6965	7112	7083	1.50	cps

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired :	2025-03-17 15:59:42	DataFile Name :	018ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	88132	87581	87025	87579	0.63	cps
Antimony	121-1	7668428	7655829	7591607	7638621	0.54	cps
Arsenic	75-2	192776	192547	193955	193093	0.39	cps
Barium	135-1	907101	910386	906792	908093	0.22	cps
Barium	137-1	1652470	1610760	1617543	1626924	1.38	cps
Beryllium	9-1	1394105	1372816	1379855	1382258	0.78	cps
Bismuth	209-1	12879449	13201681	12980866	13020665	1.27	cps
Bismuth	209-2	7015539	7020664	6909097	6981767	0.90	cps
Bromine	81-1	9617	9520	9443	9527	0.91	cps
Cadmium	108-1	68389	69159	68636	68728	0.57	cps
Cadmium	106-1	107364	107612	107605	107527	0.13	cps
Cadmium	111-1	1046485	1051391	1054415	1050764	0.38	cps
Calcium	43-1	255352	259203	260322	258292	1.01	cps
Calcium	44-1	4399718	4372568	4422397	4398228	0.57	cps
Carbon	12-1	7079365	7082635	7144358	7102119	0.52	cps
Carbon	12-2	51172	52109	51764	51682	0.92	cps
Chlorine	35-1	160249	159909	159596	159918	0.20	cps
Chlorine	35-2	833	763	740	779	6.24	cps
Chromium	52-2	950826	941222	941939	944663	0.57	cps
Cobalt	59-2	1843867	1837304	1808083	1829751	1.04	cps
Copper	63-2	1442913	1453903	1445101	1447305	0.40	cps
Dysprosium	156-1	63	33	37	44	36.99	cps
Dysprosium	156-2	7	10	13	10	33.30	cps
Erbium	164-1	133	133	153	140	8.25	cps
Erbium	164-2	43	53	50	49	10.42	cps
Gadolinium	160-1	257	263	260	260	1.28	cps
Gadolinium	160-2	50	50	33	44	21.66	cps
Holmium	165-1	22412924	22271688	22268530	22317714	0.37	cps
Holmium	165-2	9685182	9676759	9560424	9640788	0.72	cps
Indium	115-1	19932036	19747408	19969227	19882890	0.60	cps
Indium	115-2	2514231	2545954	2575812	2545332	1.21	cps
Iron	54-2	830880	819186	825693	825253	0.71	cps
Iron	56-2	14678079	14725127	14519410	14640872	0.74	cps
Iron	57-2	364586	363003	364263	363950	0.23	cps
Krypton	83-1	377	377	500	418	17.04	cps
Lead	206-1	5519229	5361237	5262972	5381146	2.40	cps

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired :	2025-03-17 15:59:42	DataFile Name :	018ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	4486270	4478548	4352268	4439029	1.69	cps
Lead	208-1	20822087	20852916	20446255	20707086	1.09	cps
Lithium	6-1	7555668	7363369	7474746	7464594	1.29	cps
Magnesium	24-2	658093	656887	656328	657103	0.14	cps
Manganese	55-2	414841	410767	415025	413544	0.58	cps
Molybdenum	94-1	5354	5518	5374	5416	1.65	cps
Molybdenum	95-1	2184	2047	2150	2127	3.35	cps
Molybdenum	96-1	3347	3334	3460	3380	2.06	cps
Molybdenum	97-1	1253	1340	1417	1337	6.11	cps
Molybdenum	98-1	3550	3454	3184	3396	5.60	cps
Neodymium	150-1	57	100	77	78	27.88	cps
Neodymium	150-2	3	7	13	8	65.47	cps
Nickel	60-2	506087	510118	508203	508136	0.40	cps
Phosphorus	31-2	200	183	197	193	4.56	cps
Potassium	39-2	777584	773960	780069	777204	0.40	cps
Rhodium	103-1	19574519	19451006	19525875	19517133	0.32	cps
Rhodium	103-2	8074429	7955130	7995894	8008484	0.76	cps
Scandium	45-1	14270115	13924174	14358183	14184157	1.62	cps
Scandium	45-2	300233	299595	300559	300129	0.16	cps
Selenium	82-1	136473	136854	136966	136765	0.19	cps
Selenium	77-2	2847	3044	3070	2987	4.08	cps
Selenium	78-2	10094	9957	9810	9954	1.42	cps
Silicon	28-1	1504601	1505980	1516738	1509106	0.44	cps
Silver	107-1	2711042	2684173	2742444	2712553	1.08	cps
Silver	109-1	2628178	2613210	2612664	2618017	0.34	cps
Sodium	23-2	2280135	2313666	2249440	2281080	1.41	cps
Strontium	86-1	3951	3934	4074	3986	1.92	cps
Strontium	88-1	29064	29144	29217	29141	0.26	cps
Sulfur	34-1	932993	916263	861414	903557	4.14	cps
Terbium	159-1	23292404	22928178	23160490	23127024	0.80	cps
Terbium	159-2	9457701	9524983	9358666	9447117	0.89	cps
Thallium	203-1	6645714	6433308	6492200	6523741	1.68	cps
Thallium	205-1	15903431	15352011	15483850	15579764	1.85	cps
Tin	118-1	3497	11169	3564	6077	72.58	cps
Titanium	47-1	720	783	713	739	5.23	cps
Uranium	238-1	2037	2087	2140	2088	2.48	cps

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired :	2025-03-17 15:59:42	DataFile Name :	018ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	708050	702711	704772	705178	0.38	cps
Ytterbium	172-1	87	80	83	83	4.00	cps
Ytterbium	172-2	17	27	53	32	58.81	cps
Ytterbium	176-1	4037	4397	4047	4161	4.93	cps
Ytterbium	176-2	860	1033	1063	986	11.14	cps
Yttrium	89-1	35139759	34895138	35753479	35262792	1.25	cps
Yttrium	89-2	3056655	3080759	3073551	3070322	0.40	cps
Zinc	66-2	312894	312556	312716	312722	0.05	cps
Zirconium	90-1	11311	11341	11478	11377	0.78	cps
Zirconium	91-1	3611	3494	3490	3532	1.94	cps

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2025-03-17 16:02:47	DataFile Name :	019LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4234	3997	3921	4051	4.03	cps
Antimony	121-1	80301	81132	81166	80866	0.61	cps
Arsenic	75-2	943	1163	1097	1068	10.57	cps
Barium	135-1	93859	94453	94023	94112	0.33	cps
Barium	137-1	164338	164217	163518	164024	0.27	cps
Beryllium	9-1	16244	15977	15979	16067	0.96	cps
Bismuth	209-1	13014052	12926082	12905091	12948409	0.45	cps
Bismuth	209-2	6989303	6943100	6899853	6944085	0.64	cps
Bromine	81-1	9106	9206	8896	9070	1.75	cps
Cadmium	108-1	927	927	980	944	3.26	cps
Cadmium	106-1	15205	15168	14905	15093	1.09	cps
Cadmium	111-1	21396	20934	21266	21199	1.13	cps
Calcium	43-1	72260	73690	73372	73108	1.03	cps
Calcium	44-1	1336817	1302171	1289500	1309496	1.87	cps
Carbon	12-1	6758627	6902027	6916010	6858888	1.27	cps
Carbon	12-2	49295	49439	49215	49317	0.23	cps
Chlorine	35-1	176583	178148	180176	178302	1.01	cps
Chlorine	35-2	890	927	843	887	4.71	cps
Chromium	52-2	21957	22030	21309	21766	1.82	cps
Cobalt	59-2	20241	20068	20578	20296	1.28	cps
Copper	63-2	39562	38786	39314	39221	1.01	cps
Dysprosium	156-1	57	43	33	44	26.35	cps
Dysprosium	156-2	10	10	13	11	17.30	cps
Erbium	164-1	107	143	130	127	14.65	cps
Erbium	164-2	70	80	47	66	26.09	cps
Gadolinium	160-1	263	247	217	242	9.76	cps
Gadolinium	160-2	47	63	60	57	15.56	cps
Holmium	165-1	22252587	22202356	21872484	22109142	0.93	cps
Holmium	165-2	9680157	9536134	9631854	9616049	0.76	cps
Indium	115-1	20184903	19633297	19667522	19828574	1.56	cps
Indium	115-2	2563580	2535013	2573293	2557295	0.78	cps
Iron	54-2	23516	23242	23095	23285	0.92	cps
Iron	56-2	406779	405556	407246	406527	0.21	cps
Iron	57-2	10621	9980	9763	10121	4.40	cps
Krypton	83-1	450	390	433	424	7.30	cps
Lead	206-1	27857	28024	28565	28148	1.32	cps

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2025-03-17 16:02:47	DataFile Name :	019LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	24724	24947	24613	24762	0.69	cps
Lead	208-1	112073	113328	111800	112400	0.72	cps
Lithium	6-1	7568271	7539402	7548730	7552134	0.20	cps
Magnesium	24-2	315127	310511	311467	312369	0.78	cps
Manganese	55-2	6375	5955	6135	6155	3.43	cps
Molybdenum	94-1	89113	89388	88798	89100	0.33	cps
Molybdenum	95-1	109040	109148	106759	108316	1.25	cps
Molybdenum	96-1	120719	121199	118406	120108	1.24	cps
Molybdenum	97-1	67526	67979	67017	67507	0.71	cps
Molybdenum	98-1	175505	173423	172669	173866	0.84	cps
Neodymium	150-1	17	23	30	23	28.56	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	6562	6778	6832	6724	2.13	cps
Phosphorus	31-2	500	560	527	529	5.68	cps
Potassium	39-2	221984	225808	222357	223383	0.94	cps
Rhodium	103-1	19959292	19387955	19445253	19597500	1.61	cps
Rhodium	103-2	8068548	8006938	8166021	8080503	0.99	cps
Scandium	45-1	14413030	14337314	14087538	14279294	1.19	cps
Scandium	45-2	305130	302791	301481	303134	0.61	cps
Selenium	82-1	3587	3727	3547	3621	2.61	cps
Selenium	77-2	57	57	70	61	12.59	cps
Selenium	78-2	257	277	340	291	14.95	cps
Silicon	28-1	1603381	1577352	2150516	1777083	18.21	cps
Silver	107-1	55548	56274	56023	55948	0.66	cps
Silver	109-1	52623	52841	52423	52629	0.40	cps
Sodium	23-2	663723	666147	663816	664562	0.21	cps
Strontium	86-1	14811	14494	14471	14592	1.30	cps
Strontium	88-1	122159	120915	121201	121425	0.54	cps
Sulfur	34-1	929170	934789	955614	939858	1.48	cps
Terbium	159-1	23032060	23150736	23107544	23096780	0.26	cps
Terbium	159-2	9471588	9498906	9620296	9530263	0.83	cps
Thallium	203-1	35124	34700	35341	35055	0.93	cps
Thallium	205-1	83490	82809	84144	83481	0.80	cps
Tin	118-1	166056	166640	166508	166402	0.18	cps
Titanium	47-1	35758	35564	35454	35592	0.43	cps
Uranium	238-1	100910	100520	100897	100776	0.22	cps

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2025-03-17 16:02:47	DataFile Name :	019LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	38472	38632	38294	38466	0.44	cps
Ytterbium	172-1	63	60	57	60	5.55	cps
Ytterbium	172-2	37	37	37	37	0.00	cps
Ytterbium	176-1	4294	4061	4257	4204	2.99	cps
Ytterbium	176-2	900	970	1033	968	6.89	cps
Yttrium	89-1	36353237	35288753	35479533	35707174	1.59	cps
Yttrium	89-2	3117681	3105130	3115933	3112915	0.22	cps
Zinc	66-2	9577	9116	9270	9321	2.51	cps
Zirconium	90-1	75794	76341	75999	76045	0.36	cps
Zirconium	91-1	16717	16687	16750	16718	0.19	cps

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired :	2025-03-17 16:06:04	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	110	90	100	100	10.00	cps
Antimony	121-1	883	467	417	589	43.51	cps
Arsenic	75-2	33	47	43	41	16.89	cps
Barium	135-1	270	270	317	286	9.43	cps
Barium	137-1	443	487	473	468	4.74	cps
Beryllium	9-1	1361	1342	1311	1338	1.89	cps
Bismuth	209-1	15807486	14885430	14925868	15206261	3.43	cps
Bismuth	209-2	7791990	7659273	7752745	7734669	0.88	cps
Bromine	81-1	7422	7589	7616	7542	1.39	cps
Cadmium	108-1	43	50	70	54	25.49	cps
Cadmium	106-1	14891	14931	14594	14806	1.24	cps
Cadmium	111-1	10924	10794	10477	10732	2.14	cps
Calcium	43-1	1397	1387	1370	1385	0.97	cps
Calcium	44-1	89168	89456	91485	90036	1.40	cps
Carbon	12-1	6808521	6797702	6867643	6824622	0.55	cps
Carbon	12-2	51871	52085	51470	51809	0.60	cps
Chlorine	35-1	141322	141096	141406	141275	0.11	cps
Chlorine	35-2	807	750	817	791	4.54	cps
Chromium	52-2	787	750	707	748	5.36	cps
Cobalt	59-2	433	467	453	451	3.72	cps
Copper	63-2	7085	7135	6852	7024	2.15	cps
Dysprosium	156-1	23	23	43	30	38.49	cps
Dysprosium	156-2	7	7	10	8	24.71	cps
Erbium	164-1	163	167	177	169	4.11	cps
Erbium	164-2	43	73	73	63	27.35	cps
Gadolinium	160-1	253	233	190	226	14.35	cps
Gadolinium	160-2	60	40	60	53	21.65	cps
Holmium	165-1	25957670	24729585	24698435	25128563	2.86	cps
Holmium	165-2	10557781	10663844	10476598	10566074	0.89	cps
Indium	115-1	23447238	22610804	22079517	22712520	3.04	cps
Indium	115-2	2894985	2897252	2825451	2872562	1.42	cps
Iron	54-2	433	403	430	422	3.90	cps
Iron	56-2	6445	6091	6548	6361	3.77	cps
Iron	57-2	340	173	193	236	38.65	cps
Krypton	83-1	433	423	417	424	1.98	cps
Lead	206-1	3664	3274	3020	3319	9.77	cps

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired :	2025-03-17 16:06:04	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	3240	2987	2480	2903	13.33	cps
Lead	208-1	14800	13406	11752	13320	11.46	cps
Lithium	6-1	9158288	8686874	8373118	8739427	4.52	cps
Magnesium	24-2	2067	2344	2297	2236	6.63	cps
Manganese	55-2	370	403	403	392	4.91	cps
Molybdenum	94-1	887	900	827	871	4.48	cps
Molybdenum	95-1	560	480	483	508	8.91	cps
Molybdenum	96-1	763	577	593	644	16.03	cps
Molybdenum	97-1	333	310	350	331	6.07	cps
Molybdenum	98-1	707	740	773	740	4.50	cps
Neodymium	150-1	10	7	37	18	92.48	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1110	1190	1157	1152	3.49	cps
Phosphorus	31-2	93	93	93	93	0.00	cps
Potassium	39-2	19006	19507	19784	19432	2.03	cps
Rhodium	103-1	23472833	22776506	22201921	22817087	2.79	cps
Rhodium	103-2	8969943	8931664	8833526	8911711	0.79	cps
Scandium	45-1	17382228	16971250	16130907	16828128	3.79	cps
Scandium	45-2	344011	339333	337351	340232	1.01	cps
Selenium	82-1	77	17	50	48	62.92	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	30	23	17	23	28.56	cps
Silicon	28-1	1090418	1094187	1091888	1092164	0.17	cps
Silver	107-1	607	547	540	564	6.51	cps
Silver	109-1	473	363	427	421	13.11	cps
Sodium	23-2	43254	42896	43464	43205	0.66	cps
Strontium	86-1	650	777	767	731	9.63	cps
Strontium	88-1	487	530	500	506	4.39	cps
Sulfur	34-1	779284	800408	811593	797095	2.06	cps
Terbium	159-1	27137666	26187289	25156984	26160646	3.79	cps
Terbium	159-2	10554312	10702600	10249561	10502157	2.20	cps
Thallium	203-1	2634	2124	1980	2246	15.29	cps
Thallium	205-1	5958	5294	4978	5410	9.25	cps
Tin	118-1	1363	1347	1117	1276	10.81	cps
Titanium	47-1	443	480	407	443	8.27	cps
Uranium	238-1	2270	2260	2060	2197	5.39	cps

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired :	2025-03-17 16:06:04	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	83	107	70	87	21.42	cps
Ytterbium	172-1	53	77	70	67	18.03	cps
Ytterbium	172-2	33	47	40	40	16.68	cps
Ytterbium	176-1	4494	4227	4357	4360	3.06	cps
Ytterbium	176-2	870	920	1030	940	8.71	cps
Yttrium	89-1	42436343	41511445	40026887	41324892	2.94	cps
Yttrium	89-2	3475561	3369907	3413437	3419635	1.55	cps
Zinc	66-2	1267	1130	1087	1161	8.09	cps
Zirconium	90-1	2290	2054	1990	2111	7.49	cps
Zirconium	91-1	397	370	427	398	7.13	cps

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired :	2025-03-17 16:09:26	DataFile Name :	021ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15980014	15729658	16093012	15934228	1.17	cps
Antimony	121-1	103971	105610	105245	104942	0.82	cps
Arsenic	75-2	337	357	307	333	7.55	cps
Barium	135-1	113924	114088	116196	114736	1.10	cps
Barium	137-1	200416	202970	203192	202193	0.76	cps
Beryllium	9-1	5169	5110	4991	5090	1.78	cps
Bismuth	209-1	11759621	11522427	11599961	11627336	1.04	cps
Bismuth	209-2	6219672	6278136	6150899	6216236	1.02	cps
Bromine	81-1	12516	13767	14531	13604	7.48	cps
Cadmium	108-1	10604	10397	10154	10385	2.17	cps
Cadmium	106-1	13016	13186	13236	13146	0.88	cps
Cadmium	111-1	14161	14495	14330	14329	1.17	cps
Calcium	43-1	13077581	12907754	13153834	13046390	0.97	cps
Calcium	44-1	212466150	211445964	214896390	212936168	0.83	cps
Carbon	12-1	93882032	94685175	94426842	94331350	0.43	cps
Carbon	12-2	709740	723421	717593	716918	0.96	cps
Chlorine	35-1	210381597	221727990	224078050	218729212	3.35	cps
Chlorine	35-2	1092838	1094697	1103227	1096921	0.51	cps
Chromium	52-2	182903	184992	186330	184742	0.93	cps
Cobalt	59-2	19981	20602	20982	20522	2.46	cps
Copper	63-2	125367	127550	126003	126307	0.89	cps
Dysprosium	156-1	157	183	150	163	10.80	cps
Dysprosium	156-2	43	37	63	48	29.04	cps
Erbium	164-1	190	280	243	238	19.03	cps
Erbium	164-2	120	83	160	121	31.66	cps
Gadolinium	160-1	410	417	303	377	16.88	cps
Gadolinium	160-2	160	120	120	133	17.32	cps
Holmium	165-1	21661806	21260635	21721606	21548016	1.16	cps
Holmium	165-2	9430015	9354152	9351640	9378602	0.47	cps
Indium	115-1	18708653	18810893	18493314	18670953	0.87	cps
Indium	115-2	2367342	2325923	2370762	2354675	1.06	cps
Iron	54-2	38969783	38404869	39143491	38839381	0.99	cps
Iron	56-2	703814230	714709696	723323776	713949234	1.37	cps
Iron	57-2	17866207	18356095	18022127	18081476	1.38	cps
Krypton	83-1	407	463	567	479	16.94	cps
Lead	206-1	146817	132500	130567	136628	6.50	cps

LB Number : LB135062 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired : 2025-03-17 16:09:26 DataFile Name : 021ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	118582	107185	105254	110340	6.53	cps
Lead	208-1	551912	503653	493064	516209	6.08	cps
Lithium	6-1	7112538	7189704	7172719	7158320	0.57	cps
Magnesium	24-2	52443178	53626924	53453288	53174463	1.20	cps
Manganese	55-2	32417	32885	32196	32499	1.08	cps
Molybdenum	94-1	22260782	22795946	22795606	22617445	1.37	cps
Molybdenum	95-1	39827941	40737044	40212334	40259106	1.13	cps
Molybdenum	96-1	42796074	43610356	43184894	43197108	0.94	cps
Molybdenum	97-1	24637687	24951676	25041940	24877101	0.85	cps
Molybdenum	98-1	63845604	63976946	64747192	64189914	0.76	cps
Neodymium	150-1	150	177	170	166	8.38	cps
Neodymium	150-2	40	60	80	60	33.33	cps
Nickel	60-2	30195	30650	30165	30337	0.89	cps
Phosphorus	31-2	1001221	1014524	1016364	1010703	0.82	cps
Potassium	39-2	37654781	37993342	37710264	37786129	0.48	cps
Rhodium	103-1	17567290	17513293	17694279	17591621	0.53	cps
Rhodium	103-2	7451382	7357514	7401079	7403325	0.63	cps
Scandium	45-1	13745750	13976354	14050865	13924323	1.14	cps
Scandium	45-2	294165	297967	297351	296494	0.69	cps
Selenium	82-1	143	227	110	160	37.56	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	33	17	20	23	37.78	cps
Silicon	28-1	2087974	2115402	2110434	2104603	0.69	cps
Silver	107-1	3664	3280	3324	3423	6.14	cps
Silver	109-1	3677	3180	3084	3314	9.61	cps
Sodium	23-2	110673255	110932918	110582965	110729713	0.16	cps
Strontium	86-1	423477	427185	429917	426860	0.76	cps
Strontium	88-1	3774994	3809320	3889588	3824634	1.54	cps
Sulfur	34-1	17406245	17354324	17440468	17400346	0.25	cps
Terbium	159-1	22270041	22482446	22240141	22330876	0.59	cps
Terbium	159-2	9275763	9347042	9145286	9256030	1.11	cps
Thallium	203-1	9877	11278	12082	11079	10.07	cps
Thallium	205-1	22152	26654	28859	25888	13.20	cps
Tin	118-1	13990	9457	9070	10839	25.24	cps
Titanium	47-1	13077732	13404828	13252720	13245093	1.24	cps
Uranium	238-1	3781	3761	4071	3871	4.48	cps

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired :	2025-03-17 16:09:26	DataFile Name :	021ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1170	1307	1343	1273	7.17	cps
Ytterbium	172-1	137	120	133	130	6.79	cps
Ytterbium	172-2	93	60	53	69	31.11	cps
Ytterbium	176-1	3917	3871	3874	3887	0.67	cps
Ytterbium	176-2	853	930	927	903	4.80	cps
Yttrium	89-1	34171159	34669472	35043805	34628145	1.26	cps
Yttrium	89-2	3042989	2995530	3035431	3024650	0.84	cps
Zinc	66-2	32420	32360	32193	32325	0.36	cps
Zirconium	90-1	3864	4061	4107	4011	3.22	cps
Zirconium	91-1	763	850	833	816	5.64	cps

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired :	2025-03-17 16:12:34	DataFile Name :	022ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	16089206	16263256	16642253	16331571	1.73	cps
Antimony	121-1	858402	861479	860068	859983	0.18	cps
Arsenic	75-2	20094	20238	20188	20173	0.36	cps
Barium	135-1	305940	302750	302291	303660	0.65	cps
Barium	137-1	520435	525913	524502	523616	0.54	cps
Beryllium	9-1	251185	257410	253485	254027	1.24	cps
Bismuth	209-1	11900577	12431427	11887462	12073155	2.57	cps
Bismuth	209-2	6378408	6345411	6394177	6372665	0.39	cps
Bromine	81-1	14484	15268	15866	15206	4.56	cps
Cadmium	108-1	23927	23350	23503	23594	1.27	cps
Cadmium	106-1	31646	31890	31369	31635	0.82	cps
Cadmium	111-1	211621	213400	215108	213377	0.82	cps
Calcium	43-1	13609370	13641777	13615349	13622165	0.13	cps
Calcium	44-1	224688890	223398670	226815803	224967788	0.77	cps
Carbon	12-1	99060669	100863359	100150562	100024863	0.91	cps
Carbon	12-2	750198	747488	746596	748094	0.25	cps
Chlorine	35-1	230335157	238914990	243419856	237556668	2.80	cps
Chlorine	35-2	1170963	1169058	1164541	1168187	0.28	cps
Chromium	52-2	379252	378436	382156	379948	0.51	cps
Cobalt	59-2	370834	363894	370651	368460	1.07	cps
Copper	63-2	404394	398045	400838	401092	0.79	cps
Dysprosium	156-1	210	203	197	203	3.28	cps
Dysprosium	156-2	90	60	90	80	21.65	cps
Erbium	164-1	300	287	263	283	6.55	cps
Erbium	164-2	100	140	137	126	17.68	cps
Gadolinium	160-1	323	350	353	342	4.80	cps
Gadolinium	160-2	93	103	140	112	21.89	cps
Holmium	165-1	22393125	22327209	22412024	22377452	0.20	cps
Holmium	165-2	9637876	9540124	9160403	9446134	2.67	cps
Indium	115-1	19144406	19036862	18791557	18990942	0.95	cps
Indium	115-2	2420213	2421654	2392003	2411290	0.69	cps
Iron	54-2	40443877	40088827	40436395	40323033	0.50	cps
Iron	56-2	744330229	756349589	743312229	747997349	0.97	cps
Iron	57-2	18865148	18490756	18851647	18735850	1.13	cps
Krypton	83-1	583	477	493	518	11.08	cps
Lead	206-1	616736	620123	622394	619751	0.46	cps

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired :	2025-03-17 16:12:34	DataFile Name :	022ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	517191	520856	516371	518139	0.46	cps
Lead	208-1	2392861	2409570	2400928	2401120	0.35	cps
Lithium	6-1	6916848	7119372	7110034	7048752	1.62	cps
Magnesium	24-2	54820561	56137354	54830933	55262949	1.37	cps
Manganese	55-2	114178	115159	115593	114977	0.63	cps
Molybdenum	94-1	23899434	23295766	23728394	23641198	1.32	cps
Molybdenum	95-1	41794067	42181873	42260493	42078811	0.59	cps
Molybdenum	96-1	44819331	45372751	44938771	45043618	0.65	cps
Molybdenum	97-1	26134787	25803103	25992632	25976841	0.64	cps
Molybdenum	98-1	67345456	67389374	67686097	67473642	0.27	cps
Neodymium	150-1	267	190	177	211	23.01	cps
Neodymium	150-2	53	47	33	44	22.92	cps
Nickel	60-2	127723	128278	127663	127888	0.27	cps
Phosphorus	31-2	1044378	1042156	1045808	1044114	0.18	cps
Potassium	39-2	39492835	39585419	40094822	39724359	0.82	cps
Rhodium	103-1	18452962	18318796	18293092	18354950	0.47	cps
Rhodium	103-2	7596130	7678778	7502000	7592303	1.17	cps
Scandium	45-1	14386140	14831911	14569546	14595865	1.54	cps
Scandium	45-2	308522	307999	307669	308063	0.14	cps
Selenium	82-1	14288	14241	13570	14033	2.86	cps
Selenium	77-2	353	257	287	299	16.55	cps
Selenium	78-2	1003	1073	967	1014	5.34	cps
Silicon	28-1	2145203	2170491	2262042	2192578	2.80	cps
Silver	107-1	965935	964311	979247	969831	0.84	cps
Silver	109-1	921907	922350	916736	920331	0.34	cps
Sodium	23-2	116222035	115282168	113485085	114996429	1.21	cps
Strontium	86-1	448275	450720	453370	450788	0.57	cps
Strontium	88-1	4041963	4001812	4000377	4014717	0.59	cps
Sulfur	34-1	17917064	18194236	18408514	18173271	1.36	cps
Terbium	159-1	23117753	23135341	23081144	23111413	0.12	cps
Terbium	159-2	9427664	9370947	9153735	9317449	1.55	cps
Thallium	203-1	612971	622159	627549	620893	1.19	cps
Thallium	205-1	1463340	1492176	1497842	1484453	1.25	cps
Tin	118-1	9694	9647	9437	9592	1.43	cps
Titanium	47-1	13692864	14100147	14223371	14005461	1.98	cps
Uranium	238-1	3901	4274	4151	4108	4.63	cps

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired :	2025-03-17 16:12:34	DataFile Name :	022ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	145689	146016	146827	146177	0.40	cps
Ytterbium	172-1	120	140	157	139	13.22	cps
Ytterbium	172-2	90	47	57	64	35.20	cps
Ytterbium	176-1	4034	3971	4274	4093	3.91	cps
Ytterbium	176-2	733	830	950	838	12.96	cps
Yttrium	89-1	36013901	35493745	35586820	35698156	0.78	cps
Yttrium	89-2	3120028	3125804	3084771	3110201	0.71	cps
Zinc	66-2	64184	64352	65286	64607	0.92	cps
Zirconium	90-1	3931	3904	3804	3879	1.72	cps
Zirconium	91-1	867	1067	967	967	10.34	cps

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired :	2025-03-17 16:22:28	DataFile Name :	025CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8655528	8671427	8643248	8656734	0.16	cps
Antimony	121-1	17907345	18077104	17721948	17902132	0.99	cps
Arsenic	75-2	459103	454833	455969	456635	0.48	cps
Barium	135-1	21748717	21638288	21624843	21670616	0.31	cps
Barium	137-1	36871381	37283259	37673824	37276155	1.08	cps
Beryllium	9-1	6049428	6082428	6062470	6064775	0.27	cps
Bismuth	209-1	10910114	11357744	11095378	11121079	2.02	cps
Bismuth	209-2	6146050	6081436	6103749	6110412	0.54	cps
Bromine	81-1	15062	16700	17251	16337	6.97	cps
Cadmium	108-1	364373	362765	363418	363519	0.22	cps
Cadmium	106-1	520878	521204	517048	519710	0.44	cps
Cadmium	111-1	4805975	4710553	4779015	4765181	1.03	cps
Calcium	43-1	32602084	32599834	32979243	32727053	0.67	cps
Calcium	44-1	536469285	522434552	532073952	530325930	1.35	cps
Carbon	12-1	9058569	9342875	9471764	9291070	2.28	cps
Carbon	12-2	87146	87632	87699	87493	0.35	cps
Chlorine	35-1	1658359	1600424	1596249	1618344	2.15	cps
Chlorine	35-2	7132	7329	6668	7043	4.81	cps
Chromium	52-2	4654841	4633349	4648967	4645719	0.24	cps
Cobalt	59-2	8241540	8293044	8421722	8318769	1.12	cps
Copper	63-2	68682319	69458081	69599431	69246610	0.71	cps
Dysprosium	156-1	927	840	823	863	6.43	cps
Dysprosium	156-2	227	217	273	239	12.66	cps
Erbium	164-1	847	940	883	890	5.28	cps
Erbium	164-2	347	337	353	346	2.43	cps
Gadolinium	160-1	867	743	780	797	7.95	cps
Gadolinium	160-2	350	387	297	344	13.14	cps
Holmium	165-1	20809858	21435131	20989717	21078235	1.53	cps
Holmium	165-2	9390984	9385886	9440322	9405731	0.32	cps
Indium	115-1	17743088	17647815	17897852	17762918	0.71	cps
Indium	115-2	2316936	2357929	2333853	2336239	0.88	cps
Iron	54-2	48157398	47329836	47456963	47648065	0.94	cps
Iron	56-2	878601000	867858494	873605960	873355151	0.62	cps
Iron	57-2	22105453	21785630	21993529	21961537	0.74	cps
Krypton	83-1	530	610	697	612	13.62	cps
Lead	206-1	56361557	55924293	55540241	55942030	0.73	cps

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired :	2025-03-17 16:22:28	DataFile Name :	025CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	48747311	48989564	48328403	48688426	0.69	cps
Lead	208-1	223738010	226543065	222827752	224369609	0.86	cps
Lithium	6-1	6849469	7001078	6924632	6925060	1.09	cps
Magnesium	24-2	138733585	138185491	139153125	138690733	0.35	cps
Manganese	55-2	22570881	22540027	22328055	22479654	0.59	cps
Molybdenum	94-1	69967439	69527157	69385697	69626765	0.44	cps
Molybdenum	95-1	102345358	100380829	100493449	101073212	1.09	cps
Molybdenum	96-1	111555138	108651572	110271065	110159258	1.32	cps
Molybdenum	97-1	62801484	62516424	62983097	62767002	0.37	cps
Molybdenum	98-1	163887418	163562668	165102691	164184259	0.49	cps
Neodymium	150-1	1800	1477	1697	1658	9.96	cps
Neodymium	150-2	177	180	153	170	8.54	cps
Nickel	60-2	2565314	2530192	2532182	2542563	0.78	cps
Phosphorus	31-2	99441	98763	98135	98780	0.66	cps
Potassium	39-2	49336039	49121818	48345793	48934550	1.06	cps
Rhodium	103-1	16895711	17267032	17151583	17104775	1.11	cps
Rhodium	103-2	7207235	7206815	7298897	7237649	0.73	cps
Scandium	45-1	14059566	14446335	14328247	14278050	1.39	cps
Scandium	45-2	308506	309959	307544	308670	0.39	cps
Selenium	82-1	298854	301401	297849	299368	0.61	cps
Selenium	77-2	6722	6658	6722	6701	0.55	cps
Selenium	78-2	22779	22475	22665	22639	0.68	cps
Silicon	28-1	16318885	15968824	16338880	16208863	1.28	cps
Silver	107-1	23928447	24169624	23878712	23992261	0.65	cps
Silver	109-1	22355014	22957363	22305250	22539209	1.61	cps
Sodium	23-2	271641576	269889209	271004123	270844969	0.33	cps
Strontium	86-1	6336023	6330858	6381113	6349332	0.44	cps
Strontium	88-1	53823341	55642504	55928351	55131399	2.07	cps
Sulfur	34-1	2549746	2516640	2493917	2520101	1.11	cps
Terbium	159-1	21825851	21944528	21844800	21871726	0.29	cps
Terbium	159-2	9325162	9319048	9276328	9306846	0.29	cps
Thallium	203-1	14474484	14432871	14300936	14402764	0.63	cps
Thallium	205-1	34052794	34353200	33301055	33902350	1.60	cps
Tin	118-1	14462536	14649591	14441719	14517949	0.79	cps
Titanium	47-1	33079316	32379155	32704706	32721059	1.07	cps
Uranium	238-1	44391534	44712036	44249474	44451015	0.53	cps

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired :	2025-03-17 16:22:28	DataFile Name :	025CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	3657940	3633888	3611810	3634546	0.63	cps
Ytterbium	172-1	1147	1270	993	1137	12.19	cps
Ytterbium	172-2	513	603	533	550	8.59	cps
Ytterbium	176-1	74307	74690	75253	74750	0.64	cps
Ytterbium	176-2	34398	34060	34735	34398	0.98	cps
Yttrium	89-1	34147082	35237684	35345479	34910082	1.90	cps
Yttrium	89-2	3170749	3111372	3112171	3131431	1.09	cps
Zinc	66-2	8202159	8124264	8150378	8158934	0.49	cps
Zirconium	90-1	35246280	34898065	34680336	34941561	0.82	cps
Zirconium	91-1	7762388	7671762	7621157	7685102	0.93	cps

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired :	2025-03-17 16:25:10	DataFile Name :	026CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	320	233	357	303	20.88	cps
Antimony	121-1	3180	3237	3897	3438	11.59	cps
Arsenic	75-2	30	23	53	36	44.31	cps
Barium	135-1	660	630	677	656	3.61	cps
Barium	137-1	1293	1040	977	1103	15.19	cps
Beryllium	9-1	2739	2705	2667	2704	1.32	cps
Bismuth	209-1	13412724	13195407	13096570	13234900	1.22	cps
Bismuth	209-2	7052695	7212988	7193218	7152967	1.22	cps
Bromine	81-1	11301	10781	11195	11092	2.48	cps
Cadmium	108-1	110	77	67	84	26.87	cps
Cadmium	106-1	14738	14558	14454	14583	0.98	cps
Cadmium	111-1	10886	10807	10771	10821	0.54	cps
Calcium	43-1	2700	2430	2344	2491	7.47	cps
Calcium	44-1	115458	113795	114652	114635	0.73	cps
Carbon	12-1	6707905	6457447	6529560	6564971	1.96	cps
Carbon	12-2	46253	46135	45216	45868	1.24	cps
Chlorine	35-1	1093014	1060602	1037475	1063697	2.62	cps
Chlorine	35-2	4491	4744	4604	4613	2.75	cps
Chromium	52-2	1880	1920	1690	1830	6.72	cps
Cobalt	59-2	613	547	583	581	5.75	cps
Copper	63-2	10717	10474	10227	10473	2.34	cps
Dysprosium	156-1	47	7	33	29	70.50	cps
Dysprosium	156-2	13	3	17	11	62.48	cps
Erbium	164-1	150	113	130	131	14.00	cps
Erbium	164-2	37	63	53	51	26.35	cps
Gadolinium	160-1	230	180	257	222	17.51	cps
Gadolinium	160-2	73	50	33	52	38.48	cps
Holmium	165-1	22671463	22591956	22884252	22715890	0.67	cps
Holmium	165-2	10019869	9965100	10079975	10021648	0.57	cps
Indium	115-1	20670344	20675225	20668846	20671472	0.02	cps
Indium	115-2	2665708	2671618	2671202	2669509	0.12	cps
Iron	54-2	1467	1600	1490	1519	4.69	cps
Iron	56-2	22171	22464	22314	22316	0.66	cps
Iron	57-2	527	627	513	556	11.15	cps
Krypton	83-1	377	483	450	437	12.50	cps
Lead	206-1	4674	4047	4137	4286	7.91	cps

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired :	2025-03-17 16:25:10	DataFile Name :	026CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	4107	3701	3324	3711	10.56	cps
Lead	208-1	18432	16608	16157	17066	7.06	cps
Lithium	6-1	7360719	7556826	7596129	7504558	1.68	cps
Magnesium	24-2	3190	3240	3237	3223	0.87	cps
Manganese	55-2	2334	2327	2434	2365	2.53	cps
Molybdenum	94-1	3821	3210	3184	3405	10.58	cps
Molybdenum	95-1	3994	3147	2917	3353	16.92	cps
Molybdenum	96-1	4464	3671	3380	3838	14.62	cps
Molybdenum	97-1	2480	1790	1783	2018	19.84	cps
Molybdenum	98-1	6302	4784	4711	5266	17.05	cps
Neodymium	150-1	20	20	23	21	9.11	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	1837	1950	1863	1883	3.15	cps
Phosphorus	31-2	147	133	153	144	7.05	cps
Potassium	39-2	32447	32203	31143	31931	2.17	cps
Rhodium	103-1	20594079	20494845	19829140	20306021	2.05	cps
Rhodium	103-2	8463411	8411586	8415699	8430232	0.34	cps
Scandium	45-1	15158232	15174596	14853327	15062052	1.20	cps
Scandium	45-2	315473	311858	312073	313135	0.65	cps
Selenium	82-1	113	-7	60	56	108.23	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	30	20	33	28	24.98	cps
Silicon	28-1	1601383	1749219	1605916	1652173	5.09	cps
Silver	107-1	3304	2760	2630	2898	12.33	cps
Silver	109-1	3070	2414	2324	2602	15.67	cps
Sodium	23-2	163559	159480	158328	160456	1.71	cps
Strontium	86-1	817	950	957	908	8.70	cps
Strontium	88-1	1750	1770	1683	1735	2.62	cps
Sulfur	34-1	832096	837813	836138	835349	0.35	cps
Terbium	159-1	23618680	23599568	23364027	23527425	0.60	cps
Terbium	159-2	9795080	9985066	9738291	9839479	1.31	cps
Thallium	203-1	6142	5638	5545	5775	5.56	cps
Thallium	205-1	14495	14031	13153	13893	4.90	cps
Tin	118-1	3644	4245	3704	3864	8.56	cps
Titanium	47-1	1247	1017	987	1083	13.13	cps
Uranium	238-1	2787	2537	2284	2536	9.93	cps

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired :	2025-03-17 16:25:10	DataFile Name :	026CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	127	120	133	127	5.27	cps
Ytterbium	172-1	100	77	83	87	13.87	cps
Ytterbium	172-2	33	17	33	28	34.63	cps
Ytterbium	176-1	4001	4321	4257	4193	4.04	cps
Ytterbium	176-2	840	957	947	914	7.07	cps
Yttrium	89-1	37259070	36804851	37660672	37241531	1.15	cps
Yttrium	89-2	3330937	3186297	3196518	3237918	2.49	cps
Zinc	66-2	840	823	823	829	1.16	cps
Zirconium	90-1	4711	4687	4404	4601	3.71	cps
Zirconium	91-1	943	893	987	941	4.96	cps

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2025-03-17 16:28:31	DataFile Name :	027LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4091	4361	4324	4258	3.44	cps
Antimony	121-1	82644	83084	82497	82742	0.37	cps
Arsenic	75-2	1267	1123	1160	1183	6.29	cps
Barium	135-1	97115	97887	95628	96876	1.19	cps
Barium	137-1	168252	168441	169792	168828	0.50	cps
Beryllium	9-1	16556	16277	16416	16416	0.85	cps
Bismuth	209-1	13082126	12949614	12907066	12979602	0.70	cps
Bismuth	209-2	7088353	7025296	7127342	7080330	0.73	cps
Bromine	81-1	10357	10504	10678	10513	1.52	cps
Cadmium	108-1	1043	950	947	980	5.60	cps
Cadmium	106-1	15646	15853	15879	15792	0.81	cps
Cadmium	111-1	22023	22480	22411	22305	1.10	cps
Calcium	43-1	76395	76170	76556	76373	0.25	cps
Calcium	44-1	1386455	1435162	1375561	1399059	2.27	cps
Carbon	12-1	7104027	6997580	7109041	7070216	0.89	cps
Carbon	12-2	51891	50242	50229	50787	1.88	cps
Chlorine	35-1	799764	788495	769655	785971	1.94	cps
Chlorine	35-2	3724	3590	3500	3605	3.12	cps
Chromium	52-2	23072	22234	23399	22902	2.62	cps
Cobalt	59-2	21166	21229	21183	21193	0.16	cps
Copper	63-2	41801	42106	42012	41973	0.37	cps
Dysprosium	156-1	23	33	50	36	37.90	cps
Dysprosium	156-2	23	20	13	19	26.96	cps
Erbium	164-1	170	157	133	153	12.10	cps
Erbium	164-2	53	70	50	58	18.55	cps
Gadolinium	160-1	277	250	283	270	6.53	cps
Gadolinium	160-2	57	60	53	57	5.89	cps
Holmium	165-1	23003247	22485451	22834425	22774374	1.16	cps
Holmium	165-2	10243745	9730382	9851149	9941758	2.70	cps
Indium	115-1	20608496	20614196	20659677	20627456	0.14	cps
Indium	115-2	2702641	2663495	2683364	2683167	0.73	cps
Iron	54-2	24364	25199	24264	24609	2.09	cps
Iron	56-2	435357	438453	434549	436120	0.47	cps
Iron	57-2	10727	11091	10601	10806	2.36	cps
Krypton	83-1	400	457	440	432	6.74	cps
Lead	206-1	28986	28675	28912	28858	0.56	cps

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2025-03-17 16:28:31	DataFile Name :	027LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	24921	25191	24851	24988	0.72	cps
Lead	208-1	115529	115539	114645	115238	0.45	cps
Lithium	6-1	7750701	7715895	7745515	7737370	0.24	cps
Magnesium	24-2	324361	321985	322154	322833	0.41	cps
Manganese	55-2	6842	6532	6658	6677	2.34	cps
Molybdenum	94-1	92153	93001	93602	92919	0.78	cps
Molybdenum	95-1	113001	111214	112638	112284	0.84	cps
Molybdenum	96-1	126069	123517	124758	124781	1.02	cps
Molybdenum	97-1	70491	69878	70109	70159	0.44	cps
Molybdenum	98-1	181889	179094	179387	180123	0.85	cps
Neodymium	150-1	30	17	30	26	30.11	cps
Neodymium	150-2	0	10	10	7	86.60	cps
Nickel	60-2	7472	7509	7129	7370	2.85	cps
Phosphorus	31-2	573	610	557	580	4.70	cps
Potassium	39-2	242342	243562	244124	243343	0.37	cps
Rhodium	103-1	20592150	20155953	20483444	20410516	1.11	cps
Rhodium	103-2	8645458	8479181	8589869	8571503	0.99	cps
Scandium	45-1	15179003	15449704	14969801	15199503	1.58	cps
Scandium	45-2	321919	322755	321805	322160	0.16	cps
Selenium	82-1	3754	3924	3781	3820	2.39	cps
Selenium	77-2	53	67	100	73	32.78	cps
Selenium	78-2	377	357	293	342	12.71	cps
Silicon	28-1	1696270	1696666	1672817	1688584	0.81	cps
Silver	107-1	56672	56897	57208	56926	0.47	cps
Silver	109-1	53901	54360	54986	54416	1.00	cps
Sodium	23-2	746111	737179	739372	740888	0.63	cps
Strontium	86-1	15539	15499	15632	15557	0.44	cps
Strontium	88-1	124448	125686	124727	124954	0.52	cps
Sulfur	34-1	934590	940773	957751	944372	1.27	cps
Terbium	159-1	23486186	23381163	23435488	23434279	0.22	cps
Terbium	159-2	9801540	9809260	9976854	9862551	1.00	cps
Thallium	203-1	36595	36545	35656	36265	1.46	cps
Thallium	205-1	86429	87217	86989	86878	0.47	cps
Tin	118-1	168529	170497	168428	169152	0.69	cps
Titanium	47-1	37730	36824	36737	37097	1.48	cps
Uranium	238-1	100053	98343	99126	99174	0.86	cps

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2025-03-17 16:28:31	DataFile Name :	027LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	40527	40464	40771	40587	0.40	cps
Ytterbium	172-1	73	107	63	81	27.98	cps
Ytterbium	172-2	43	40	37	40	8.32	cps
Ytterbium	176-1	4127	4244	4114	4162	1.72	cps
Ytterbium	176-2	1020	940	943	968	4.68	cps
Yttrium	89-1	37761858	37767397	37460131	37663129	0.47	cps
Yttrium	89-2	3379428	3273707	3310762	3321299	1.62	cps
Zinc	66-2	10377	10357	9834	10189	3.03	cps
Zirconium	90-1	77557	79186	78416	78386	1.04	cps
Zirconium	91-1	17311	17488	17424	17408	0.51	cps

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	PB167080BL	Instrumnet Name :	P8
Client Sample ID :	PB167080BL	Dilution Factor :	1
Date & Time Acquired :	2025-03-17 16:35:06	DataFile Name :	029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	257	283	243	261	7.80	cps
Antimony	121-1	433	460	587	493	16.61	cps
Arsenic	75-2	30	20	10	20	50.00	cps
Barium	135-1	413	393	443	417	6.04	cps
Barium	137-1	597	607	587	597	1.68	cps
Beryllium	9-1	1760	1742	1679	1727	2.48	cps
Bismuth	209-1	13350161	13107515	12916349	13124675	1.66	cps
Bismuth	209-2	7266583	7236504	7276183	7259757	0.29	cps
Bromine	81-1	10451	10157	10831	10480	3.22	cps
Cadmium	108-1	43	33	53	43	23.08	cps
Cadmium	106-1	14935	14711	14428	14691	1.73	cps
Cadmium	111-1	10744	10561	10409	10571	1.59	cps
Calcium	43-1	2124	2040	2147	2104	2.67	cps
Calcium	44-1	110184	108902	108835	109307	0.70	cps
Carbon	12-1	7615343	7492823	7319656	7475941	1.99	cps
Carbon	12-2	51804	51727	50727	51420	1.17	cps
Chlorine	35-1	480474	470491	466263	472410	1.54	cps
Chlorine	35-2	2154	2444	2277	2291	6.35	cps
Chromium	52-2	1793	1630	1743	1722	4.86	cps
Cobalt	59-2	597	470	563	543	12.09	cps
Copper	63-2	9413	9330	8946	9230	2.70	cps
Dysprosium	156-1	73	57	23	51	49.81	cps
Dysprosium	156-2	17	10	10	12	31.50	cps
Erbium	164-1	170	123	137	143	16.77	cps
Erbium	164-2	60	57	60	59	3.26	cps
Gadolinium	160-1	160	267	250	226	25.44	cps
Gadolinium	160-2	47	70	30	49	41.10	cps
Holmium	165-1	23244393	22634418	22627972	22835594	1.55	cps
Holmium	165-2	10174255	10101384	9964435	10080025	1.06	cps
Indium	115-1	21233730	21111142	20671507	21005460	1.41	cps
Indium	115-2	2737766	2771219	2750299	2753095	0.61	cps
Iron	54-2	1010	1020	950	993	3.81	cps
Iron	56-2	13066	13186	13273	13175	0.79	cps
Iron	57-2	357	333	333	341	3.95	cps
Krypton	83-1	433	463	477	458	4.85	cps
Lead	206-1	2430	2217	2244	2297	5.06	cps

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	PB167080BL	Instrumnet Name :	P8
Client Sample ID :	PB167080BL	Dilution Factor :	1
Date & Time Acquired :	2025-03-17 16:35:06	DataFile Name :	029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	2184	2027	2074	2095	3.84	cps
Lead	208-1	9555	9161	9198	9305	2.34	cps
Lithium	6-1	7559946	7433044	7475925	7489638	0.86	cps
Magnesium	24-2	2350	2384	2440	2391	1.90	cps
Manganese	55-2	1843	1970	1923	1912	3.35	cps
Molybdenum	94-1	1413	1273	1417	1368	5.98	cps
Molybdenum	95-1	693	537	703	644	14.50	cps
Molybdenum	96-1	970	803	850	874	9.83	cps
Molybdenum	97-1	340	390	387	372	7.51	cps
Molybdenum	98-1	1053	1013	997	1021	2.85	cps
Neodymium	150-1	20	13	20	18	21.66	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	1513	1580	1640	1578	4.02	cps
Phosphorus	31-2	170	167	177	171	2.98	cps
Potassium	39-2	23065	23766	22665	23165	2.41	cps
Rhodium	103-1	21334739	21094318	20598303	21009120	1.79	cps
Rhodium	103-2	8698807	8786058	8589747	8691537	1.13	cps
Scandium	45-1	15451192	15244474	15368836	15354834	0.68	cps
Scandium	45-2	333828	334516	326518	331621	1.34	cps
Selenium	82-1	67	17	47	43	58.08	cps
Selenium	77-2	3	3	10	6	69.34	cps
Selenium	78-2	23	20	43	29	43.68	cps
Silicon	28-1	1494613	1501285	1498152	1498017	0.22	cps
Silver	107-1	673	687	713	691	2.95	cps
Silver	109-1	580	593	540	571	4.86	cps
Sodium	23-2	107186	107136	106511	106945	0.35	cps
Strontium	86-1	807	777	933	839	9.91	cps
Strontium	88-1	1193	1063	1080	1112	6.36	cps
Sulfur	34-1	958973	988730	964541	970748	1.63	cps
Terbium	159-1	23769833	23748944	23216502	23578426	1.33	cps
Terbium	159-2	10170782	9892965	9800993	9954913	1.93	cps
Thallium	203-1	2287	2200	2177	2221	2.61	cps
Thallium	205-1	5638	5334	5008	5327	5.92	cps
Tin	118-1	3227	3611	3370	3403	5.69	cps
Titanium	47-1	707	697	700	701	0.73	cps
Uranium	238-1	2064	1873	2004	1980	4.91	cps

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	PB167080BL	Instrumnet Name :	P8
Client Sample ID :	PB167080BL	Dilution Factor :	1
Date & Time Acquired :	2025-03-17 16:35:06	DataFile Name :	029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	77	123	120	107	24.41	cps
Ytterbium	172-1	87	63	57	69	22.87	cps
Ytterbium	172-2	50	60	27	46	37.54	cps
Ytterbium	176-1	4204	4264	4104	4191	1.93	cps
Ytterbium	176-2	953	953	927	944	1.63	cps
Yttrium	89-1	37945571	38063117	38187947	38065545	0.32	cps
Yttrium	89-2	3386570	3444266	3381909	3404248	1.02	cps
Zinc	66-2	737	800	667	734	9.08	cps
Zirconium	90-1	2644	2834	2770	2749	3.52	cps
Zirconium	91-1	603	527	520	550	8.42	cps

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	PB167080BS	Instrumnet Name :	P8
Client Sample ID :	PB167080BS	Dilution Factor :	1
Date & Time Acquired :	2025-03-17 16:38:23	DataFile Name :	030LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1942304	1907803	1885838	1911982	1.49	cps
Antimony	121-1	20761945	20879016	20846159	20829040	0.29	cps
Arsenic	75-2	507417	504436	506536	506130	0.30	cps
Barium	135-1	25433122	25497857	25667642	25532874	0.47	cps
Barium	137-1	42740396	43055379	43365748	43053841	0.73	cps
Beryllium	9-1	6719670	6959523	6954394	6877862	1.99	cps
Bismuth	209-1	12588391	13113515	12599023	12766976	2.35	cps
Bismuth	209-2	6836540	6757241	6681963	6758581	1.14	cps
Bromine	81-1	9847	10047	10204	10033	1.78	cps
Cadmium	108-1	425156	423698	428662	425838	0.60	cps
Cadmium	106-1	604807	609945	610077	608277	0.49	cps
Cadmium	111-1	5620715	5692956	5723681	5679117	0.93	cps
Calcium	43-1	7233185	7414648	7586654	7411495	2.38	cps
Calcium	44-1	119542325	121408315	121003632	120651424	0.81	cps
Carbon	12-1	8442764	9056637	9187532	8895644	4.47	cps
Carbon	12-2	73234	73379	73791	73468	0.39	cps
Chlorine	35-1	528618	525016	537716	530450	1.23	cps
Chlorine	35-2	2544	2574	2504	2540	1.38	cps
Chromium	52-2	5165243	5087850	5187108	5146734	1.01	cps
Cobalt	59-2	9470589	9514858	9200696	9395381	1.81	cps
Copper	63-2	82180797	81658060	81086130	81641663	0.67	cps
Dysprosium	156-1	413	430	450	431	4.26	cps
Dysprosium	156-2	57	90	90	79	24.39	cps
Erbium	164-1	333	400	347	360	9.80	cps
Erbium	164-2	187	167	167	173	6.66	cps
Gadolinium	160-1	390	400	383	391	2.15	cps
Gadolinium	160-2	150	137	137	141	5.45	cps
Holmium	165-1	22613169	22965265	23137851	22905428	1.17	cps
Holmium	165-2	10134226	10071829	9845995	10017350	1.51	cps
Indium	115-1	19432649	19310204	19904914	19549256	1.61	cps
Indium	115-2	2436877	2464416	2464180	2455157	0.64	cps
Iron	54-2	11045672	10919907	11038304	11001294	0.64	cps
Iron	56-2	196362910	196108657	200670304	197713957	1.30	cps
Iron	57-2	5024478	5090763	5035663	5050302	0.70	cps
Krypton	83-1	520	523	483	509	4.36	cps
Lead	206-1	68335982	68641446	68969726	68649051	0.46	cps

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	PB167080BS	Instrumnet Name :	P8
Client Sample ID :	PB167080BS	Dilution Factor :	1
Date & Time Acquired :	2025-03-17 16:38:23	DataFile Name :	030LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	58184909	60023026	59920242	59376059	1.74	cps
Lead	208-1	268254993	277318659	275130966	273568206	1.73	cps
Lithium	6-1	7319423	7362712	7422151	7368095	0.70	cps
Magnesium	24-2	31970055	31503684	31255739	31576492	1.15	cps
Manganese	55-2	24642699	24622381	24999608	24754896	0.86	cps
Molybdenum	94-1	77636561	78233952	79327665	78399393	1.09	cps
Molybdenum	95-1	113815185	115039508	116149858	115001517	1.02	cps
Molybdenum	96-1	124181865	126483255	124620868	125095329	0.98	cps
Molybdenum	97-1	69743824	70784754	70145262	70224613	0.75	cps
Molybdenum	98-1	180483057	180731857	184891304	182035406	1.36	cps
Neodymium	150-1	1513	1657	1533	1568	4.95	cps
Neodymium	150-2	63	70	100	78	25.11	cps
Nickel	60-2	2780457	2799956	2738276	2772896	1.14	cps
Phosphorus	31-2	107592	107552	105929	107024	0.89	cps
Potassium	39-2	10540241	10673336	10580096	10597891	0.64	cps
Rhodium	103-1	18932607	18961525	19028400	18974177	0.26	cps
Rhodium	103-2	7750364	7934074	7907084	7863841	1.26	cps
Scandium	45-1	14527722	14769540	14714286	14670516	0.86	cps
Scandium	45-2	313496	315138	307346	311993	1.32	cps
Selenium	82-1	348279	351255	349934	349823	0.43	cps
Selenium	77-2	7372	7375	7539	7429	1.28	cps
Selenium	78-2	25263	25867	24805	25312	2.10	cps
Silicon	28-1	16745905	16449948	16957824	16717893	1.53	cps
Silver	107-1	28715515	28507825	29130465	28784602	1.10	cps
Silver	109-1	27012770	27272119	27183825	27156238	0.49	cps
Sodium	23-2	61339869	61166914	59853992	60786925	1.34	cps
Strontium	86-1	7042482	6944546	7175394	7054141	1.64	cps
Strontium	88-1	60943066	61804702	62714146	61820638	1.43	cps
Sulfur	34-1	2783437	2707636	2735199	2742091	1.40	cps
Terbium	159-1	23488942	23761093	23898900	23716312	0.88	cps
Terbium	159-2	9757653	9900083	9894626	9850787	0.82	cps
Thallium	203-1	17250827	17412453	17631269	17431516	1.10	cps
Thallium	205-1	41279014	41150778	40638223	41022671	0.83	cps
Tin	118-1	16419174	16633736	16740219	16597710	0.99	cps
Titanium	47-1	36424659	36819194	36286916	36510257	0.76	cps
Uranium	238-1	50919298	52212621	53502453	52211457	2.47	cps

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	PB167080BS	Instrumnet Name :	P8
Client Sample ID :	PB167080BS	Dilution Factor :	1
Date & Time Acquired :	2025-03-17 16:38:23	DataFile Name :	030LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	3950199	3936266	3984147	3956871	0.62	cps
Ytterbium	172-1	347	320	290	319	8.89	cps
Ytterbium	172-2	193	163	197	184	9.95	cps
Ytterbium	176-1	84066	84582	86478	85042	1.49	cps
Ytterbium	176-2	37660	37814	37296	37590	0.71	cps
Yttrium	89-1	35786584	35693316	37225748	36235216	2.37	cps
Yttrium	89-2	3156450	3102250	3130698	3129799	0.87	cps
Zinc	66-2	9326460	9365252	9363630	9351781	0.23	cps
Zirconium	90-1	38645753	38841174	39357550	38948159	0.94	cps
Zirconium	91-1	8610081	8699883	8671172	8660379	0.53	cps

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	Q1528-02DLX5	Instrumnet Name :	P8
Client Sample ID :	22725DL	Dilution Factor :	5
Date & Time Acquired :	2025-03-17 16:41:06	DataFile Name :	031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	449501	419195	415797	428164	4.33	cps
Antimony	121-1	397042	403950	413613	404868	2.06	cps
Arsenic	75-2	235313	228519	235762	233198	1.74	cps
Barium	135-1	281379	287794	288655	285942	1.39	cps
Barium	137-1	487028	497586	503878	496164	1.72	cps
Beryllium	9-1	4248	4294	4294	4278	0.62	cps
Bismuth	209-1	20485254	20908336	21366090	20919893	2.11	cps
Bismuth	209-2	11363142	10594122	10273319	10743527	5.21	cps
Bromine	81-1	47396	48898	51454	49250	4.17	cps
Cadmium	108-1	1250	1247	1203	1233	2.11	cps
Cadmium	106-1	24048	24098	24729	24291	1.56	cps
Cadmium	111-1	20066	19966	20385	20139	1.09	cps
Calcium	43-1	404522	418275	417996	413598	1.90	cps
Calcium	44-1	10964704	11180821	11259493	11135006	1.37	cps
Carbon	12-1						cps
Carbon	12-2	276517296	258925469	248662383	261368383	5.39	cps
Chlorine	35-1	13410440	15504163	16856074	15256892	11.38	cps
Chlorine	35-2	81769	80291	80877	80979	0.92	cps
Chromium	52-2	86117	80971	79777	82288	4.09	cps
Cobalt	59-2	46623	43864	43098	44528	4.16	cps
Copper	63-2	1143806	1076835	1058900	1093180	4.09	cps
Dysprosium	156-1	9994	10057	10344	10132	1.84	cps
Dysprosium	156-2	3977	3664	3857	3833	4.13	cps
Erbium	164-1	10154	10214	10207	10192	0.32	cps
Erbium	164-2	4371	3854	3947	4057	6.79	cps
Gadolinium	160-1	10211	9997	10164	10124	1.11	cps
Gadolinium	160-2	4611	4461	4481	4517	1.80	cps
Holmium	165-1	34094584	35298809	35764427	35052606	2.46	cps
Holmium	165-2	15171009	14538301	13968563	14559291	4.13	cps
Indium	115-1	30304994	31009930	31562341	30959088	2.04	cps
Indium	115-2	3788413	3651966	3556068	3665482	3.19	cps
Iron	54-2	3291550	3039764	3023077	3118130	4.82	cps
Iron	56-2	59661366	56341581	54731568	56911505	4.42	cps
Iron	57-2	1522602	1433442	1341332	1432459	6.33	cps
Krypton	83-1	417	527	513	486	12.36	cps
Lead	206-1	657959	673768	679168	670298	1.64	cps

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	Q1528-02DLX5	Instrumnet Name :	P8
Client Sample ID :	22725DL	Dilution Factor :	5
Date & Time Acquired :	2025-03-17 16:41:06	DataFile Name :	031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	562847	578516	583867	575077	1.90	cps
Lead	208-1	2591221	2662237	2687834	2647097	1.89	cps
Lithium	6-1	11961319	11950427	12476075	12129274	2.48	cps
Magnesium	24-2	836881	789378	773599	799952	4.12	cps
Manganese	55-2	307092	286896	282271	292087	4.52	cps
Molybdenum	94-1	135610	137323	134829	135921	0.94	cps
Molybdenum	95-1	74357	77983	80927	77756	4.23	cps
Molybdenum	96-1	93063	94045	95103	94070	1.08	cps
Molybdenum	97-1	45257	45190	47086	45844	2.35	cps
Molybdenum	98-1	115166	114964	115933	115354	0.44	cps
Neodymium	150-1	15859	15432	15926	15739	1.70	cps
Neodymium	150-2	4944	4708	4394	4682	5.89	cps
Nickel	60-2	39849	37506	36082	37812	5.03	cps
Phosphorus	31-2	1509769	1358169	1328730	1398890	6.94	cps
Potassium	39-2	85443625	81120670	79049164	81871153	3.99	cps
Rhodium	103-1	30324250	30767676	31177265	30756397	1.39	cps
Rhodium	103-2	12619680	11900787	11460627	11993698	4.88	cps
Scandium	45-1	22025653	23113777	23186717	22775382	2.86	cps
Scandium	45-2	448759	422091	417208	429353	3.96	cps
Selenium	82-1	40460	44877	45101	43479	6.02	cps
Selenium	77-2	877	860	747	828	8.55	cps
Selenium	78-2	2907	2630	2664	2734	5.53	cps
Silicon	28-1	228701350	231812303	233375550	231296401	1.03	cps
Silver	107-1	8366	8026	8266	8219	2.13	cps
Silver	109-1	7709	7776	7182	7555	4.30	cps
Sodium	23-2	76474007	70844412	70254661	72524360	4.73	cps
Strontium	86-1	176762	179456	182484	179567	1.59	cps
Strontium	88-1	1629052	1579590	1657081	1621908	2.42	cps
Sulfur	34-1	2838408	2863509	2871980	2857966	0.61	cps
Terbium	159-1	35660849	36053709	36918844	36211134	1.78	cps
Terbium	159-2	14907762	14168878	13694579	14257073	4.29	cps
Thallium	203-1	15169	14231	13621	14340	5.44	cps
Thallium	205-1	35081	33690	31886	33552	4.77	cps
Tin	118-1	120914	125266	125408	123863	2.06	cps
Titanium	47-1	866766	885930	892963	881886	1.54	cps
Uranium	238-1	19892	20226	21318	20479	3.64	cps

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	Q1528-02DLX5	Instrumnet Name :	P8
Client Sample ID :	22725DL	Dilution Factor :	5
Date & Time Acquired :	2025-03-17 16:41:06	DataFile Name :	031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	60541	56514	55386	57480	4.71	cps
Ytterbium	172-1	3327	3487	3374	3396	2.42	cps
Ytterbium	172-2	1723	1693	1527	1648	6.43	cps
Ytterbium	176-1	9577	9447	9864	9629	2.22	cps
Ytterbium	176-2	2660	2757	2414	2610	6.78	cps
Yttrium	89-1	54822858	54032961	56274391	55043403	2.07	cps
Yttrium	89-2	4597792	4332666	4283043	4404500	3.84	cps
Zinc	66-2	1048866	976920	963599	996461	4.60	cps
Zirconium	90-1	269129	262042	260121	263764	1.80	cps
Zirconium	91-1	59580	59423	58680	59228	0.81	cps

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	Q1538-01DLX5	Instrumnet Name :	P8
Client Sample ID :	BELL-25-0004DL	Dilution Factor :	5
Date & Time Acquired :	2025-03-17 16:44:17	DataFile Name :	032AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	985255	991098	996655	991003	0.58	cps
Antimony	121-1	124797	124477	123138	124137	0.71	cps
Arsenic	75-2	62253	63837	65310	63800	2.40	cps
Barium	135-1	228954	228787	225170	227637	0.94	cps
Barium	137-1	390014	395279	388699	391331	0.89	cps
Beryllium	9-1	2754	2749	2754	2752	0.10	cps
Bismuth	209-1	15297918	15158272	15272041	15242744	0.49	cps
Bismuth	209-2	7956482	7967816	7944497	7956265	0.15	cps
Bromine	81-1	9777309	10409964	10526660	10237978	3.94	cps
Cadmium	108-1	171801	167822	166084	168569	1.74	cps
Cadmium	106-1	18172	18009	18713	18298	2.01	cps
Cadmium	111-1	89932	91575	90630	90712	0.91	cps
Calcium	43-1	302434	298973	304007	301805	0.85	cps
Calcium	44-1	9284009	9518559	9640616	9481061	1.91	cps
Carbon	12-1						cps
Carbon	12-2	240430230	242038516	239502090	240656945	0.53	cps
Chlorine	35-1	3620315	3245436	2993077	3286276	9.60	cps
Chlorine	35-2	11288	11391	11084	11254	1.39	cps
Chromium	52-2	38027	39611	39187	38942	2.11	cps
Cobalt	59-2	5681	5384	5755	5607	3.50	cps
Copper	63-2	6297307	6160978	6273589	6243958	1.17	cps
Dysprosium	156-1	553	550	510	538	4.48	cps
Dysprosium	156-2	157	127	153	146	11.30	cps
Erbium	164-1	627	630	573	610	5.21	cps
Erbium	164-2	277	240	240	252	8.39	cps
Gadolinium	160-1	607	633	547	596	7.45	cps
Gadolinium	160-2	233	210	217	220	5.46	cps
Holmium	165-1	26903192	27235196	27170382	27102923	0.65	cps
Holmium	165-2	11572019	11541671	11481103	11531598	0.40	cps
Indium	115-1	23135730	23209181	23069476	23138129	0.30	cps
Indium	115-2	2958199	2950724	2947430	2952117	0.19	cps
Iron	54-2	45402	45054	45800	45419	0.82	cps
Iron	56-2	810589	817443	818936	815656	0.55	cps
Iron	57-2	20204	20061	20915	20394	2.24	cps
Krypton	83-1	517	570	527	538	5.27	cps
Lead	206-1	708566	707404	692370	702780	1.29	cps

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	Q1538-01DLX5	Instrumnet Name :	P8
Client Sample ID :	BELL-25-0004DL	Dilution Factor :	5
Date & Time Acquired :	2025-03-17 16:44:17	DataFile Name :	032AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	586154	592480	575891	584842	1.43	cps
Lead	208-1	2738072	2740910	2688706	2722563	1.08	cps
Lithium	6-1	9440451	9481642	9558526	9493540	0.63	cps
Magnesium	24-2	817396	824784	829138	823773	0.72	cps
Manganese	55-2	624589	624278	636703	628523	1.13	cps
Molybdenum	94-1	369144448	369473981	375513888	371377439	0.97	cps
Molybdenum	95-1	666795670	669187657	659614377	665199235	0.75	cps
Molybdenum	96-1	708406069	711822976	713815643	711348229	0.38	cps
Molybdenum	97-1	410376834	409195714	411629247	410400598	0.30	cps
Molybdenum	98-1	1041786678	1067698491	1057431451	1055638873	1.24	cps
Neodymium	150-1	483	427	463	458	6.28	cps
Neodymium	150-2	113	83	120	106	18.51	cps
Nickel	60-2	16259	16199	16480	16313	0.90	cps
Phosphorus	31-2	221054	219811	222266	221044	0.56	cps
Potassium	39-2	359248328	360572381	359653101	359824604	0.19	cps
Rhodium	103-1	22771640	22712082	22971517	22818413	0.60	cps
Rhodium	103-2	9145215	9186750	9043804	9125257	0.81	cps
Scandium	45-1	18050799	18130685	18358061	18179848	0.88	cps
Scandium	45-2	351158	353769	350702	351876	0.47	cps
Selenium	82-1	21972	22783	23020	22591	2.43	cps
Selenium	77-2	367	347	390	368	5.90	cps
Selenium	78-2	1367	1220	1340	1309	5.97	cps
Silicon	28-1	329836202	343179395	351568168	341527922	3.21	cps
Silver	107-1	6648	6445	6398	6497	2.05	cps
Silver	109-1	7249	6978	7155	7127	1.92	cps
Sodium	23-2	511489392	507831726	510276912	509866010	0.37	cps
Strontium	86-1	1147528	1142681	1125192	1138467	1.03	cps
Strontium	88-1	10467838	10403724	10541413	10470992	0.66	cps
Sulfur	34-1	3393225	3417199	3459469	3423298	0.98	cps
Terbium	159-1	27432536	27617633	27528766	27526312	0.34	cps
Terbium	159-2	11388362	11371409	11486631	11415468	0.54	cps
Thallium	203-1	10501	10047	9527	10025	4.86	cps
Thallium	205-1	25007	24219	22874	24033	4.49	cps
Tin	118-1	83754	84287	84603	84214	0.51	cps
Titanium	47-1	122194	116229	111973	116799	4.40	cps
Uranium	238-1	7369	7289	7115	7258	1.79	cps

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	Q1538-01DLX5	Instrumnet Name :	P8
Client Sample ID :	BELL-25-0004DL	Dilution Factor :	5
Date & Time Acquired :	2025-03-17 16:44:17	DataFile Name :	032AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	23035	22575	23199	22936	1.41	cps
Ytterbium	172-1	500	420	477	466	8.84	cps
Ytterbium	172-2	217	203	213	211	3.29	cps
Ytterbium	176-1	5488	5768	5495	5583	2.86	cps
Ytterbium	176-2	1177	1063	1147	1129	5.20	cps
Yttrium	89-1	43114504	42616934	43183808	42971749	0.72	cps
Yttrium	89-2	3718648	3641226	3658688	3672854	1.11	cps
Zinc	66-2	4116595	4189142	4103141	4136293	1.12	cps
Zirconium	90-1	28482	28673	28219	28458	0.80	cps
Zirconium	91-1	6418	6895	6722	6678	3.61	cps

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	Q1538-01DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	BELL-25-0004DUPDL	Dilution Factor :	5
Date & Time Acquired :	2025-03-17 16:47:35	DataFile Name :	033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1063541	1075300	1081851	1073564	0.86	cps
Antimony	121-1	117183	119036	118985	118402	0.89	cps
Arsenic	75-2	65712	66754	66968	66478	1.01	cps
Barium	135-1	217446	222427	220578	220150	1.14	cps
Barium	137-1	372340	382110	380460	378303	1.38	cps
Beryllium	9-1	3006	2996	2979	2994	0.46	cps
Bismuth	209-1	14507593	14796912	14711209	14671905	1.01	cps
Bismuth	209-2	8370953	8502960	8404719	8426211	0.81	cps
Bromine	81-1	9913029	10478623	10868869	10420174	4.61	cps
Cadmium	108-1	163818	170168	166239	166742	1.92	cps
Cadmium	106-1	17541	17585	18008	17711	1.46	cps
Cadmium	111-1	87158	88944	89141	88414	1.24	cps
Calcium	43-1	299293	302521	306490	302768	1.19	cps
Calcium	44-1	9274771	9685142	9989465	9649793	3.72	cps
Carbon	12-1						cps
Carbon	12-2	255984590	259855963	257396770	257745774	0.76	cps
Chlorine	35-1	1771892	1764117	1742665	1759558	0.86	cps
Chlorine	35-2	7422	7502	7465	7463	0.54	cps
Chromium	52-2	41079	41126	41116	41107	0.06	cps
Cobalt	59-2	5758	6041	5945	5915	2.44	cps
Copper	63-2	6576671	6761634	6638181	6658829	1.41	cps
Dysprosium	156-1	533	460	537	510	8.50	cps
Dysprosium	156-2	150	127	157	144	10.91	cps
Erbium	164-1	623	677	620	640	4.97	cps
Erbium	164-2	247	270	263	260	4.62	cps
Gadolinium	160-1	560	610	637	602	6.46	cps
Gadolinium	160-2	193	217	213	208	6.07	cps
Holmium	165-1	25404355	26032952	25981417	25806242	1.35	cps
Holmium	165-2	11797706	12044024	12031999	11957910	1.16	cps
Indium	115-1	22293977	23056972	23040892	22797281	1.91	cps
Indium	115-2	3084433	3075483	3137085	3099001	1.07	cps
Iron	54-2	49094	49619	49572	49428	0.59	cps
Iron	56-2	868204	894094	900559	887619	1.93	cps
Iron	57-2	22137	21813	22818	22256	2.30	cps
Krypton	83-1	473	560	530	521	8.45	cps
Lead	206-1	669669	678901	673717	674096	0.69	cps

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	Q1538-01DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	BELL-25-0004DUPDL	Dilution Factor :	5
Date & Time Acquired :	2025-03-17 16:47:35	DataFile Name :	033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	550254	562708	560524	557829	1.19	cps
Lead	208-1	2589557	2629564	2606295	2608472	0.77	cps
Lithium	6-1	9292160	9566017	9555000	9471059	1.64	cps
Magnesium	24-2	876566	885561	895462	885863	1.07	cps
Manganese	55-2	662928	674371	680668	672656	1.34	cps
Molybdenum	94-1	359503795	370083794	370186248	366591279	1.67	cps
Molybdenum	95-1	641146137	657533577	665765323	654815012	1.91	cps
Molybdenum	96-1	689448790	703172736	711795803	701472443	1.61	cps
Molybdenum	97-1	390680674	409748207	410762434	403730438	2.80	cps
Molybdenum	98-1	1036984758	1051744278	1061496438	1050075158	1.18	cps
Neodymium	150-1	443	483	527	484	8.60	cps
Neodymium	150-2	110	157	183	150	24.75	cps
Nickel	60-2	10768	10801	10988	10852	1.09	cps
Phosphorus	31-2	235462	240970	246596	241009	2.31	cps
Potassium	39-2	380545901	391174834	386613301	386111345	1.38	cps
Rhodium	103-1	21875872	22043301	22387841	22102338	1.18	cps
Rhodium	103-2	9534075	9691111	9684407	9636531	0.92	cps
Scandium	45-1	17310104	18143709	18290400	17914738	2.95	cps
Scandium	45-2	368201	368952	372877	370010	0.68	cps
Selenium	82-1	21450	21584	21741	21592	0.67	cps
Selenium	77-2	360	293	360	338	11.40	cps
Selenium	78-2	1187	1217	1230	1211	1.83	cps
Silicon	28-1	339625295	356686208	368689368	355000290	4.11	cps
Silver	107-1	5531	5625	5501	5552	1.16	cps
Silver	109-1	6518	6678	6782	6659	1.99	cps
Sodium	23-2	548227339	559684032	549107112	552339494	1.15	cps
Strontium	86-1	1100936	1123373	1133004	1119104	1.47	cps
Strontium	88-1	10229705	10464050	10449465	10381073	1.26	cps
Sulfur	34-1	3402161	3469626	3464186	3445324	1.09	cps
Terbium	159-1	26438914	26765734	26700166	26634938	0.65	cps
Terbium	159-2	11604881	11871730	11971111	11815908	1.60	cps
Thallium	203-1	7859	7896	7662	7806	1.61	cps
Thallium	205-1	18707	18326	17909	18314	2.18	cps
Tin	118-1	81122	83975	83603	82900	1.87	cps
Titanium	47-1	107834	111233	111791	110286	1.94	cps
Uranium	238-1	6485	6779	6702	6655	2.29	cps

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	Q1538-01DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	BELL-25-0004DUPDL	Dilution Factor :	5
Date & Time Acquired :	2025-03-17 16:47:35	DataFile Name :	033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	23913	24341	23833	24029	1.14	cps
Ytterbium	172-1	387	430	437	418	6.50	cps
Ytterbium	172-2	217	193	250	220	12.95	cps
Ytterbium	176-1	5228	5314	5164	5236	1.44	cps
Ytterbium	176-2	1233	1277	1433	1315	8.01	cps
Yttrium	89-1	41852128	42609451	43168471	42543350	1.55	cps
Yttrium	89-2	3832492	3893102	3858095	3861230	0.79	cps
Zinc	66-2	4394453	4448372	4435919	4426248	0.64	cps
Zirconium	90-1	24542	25330	25376	25083	1.87	cps
Zirconium	91-1	6005	5885	5948	5946	1.01	cps

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	Q1538-01LDLX25	Instrumnet Name :	P8
Client Sample ID :	BELL-25-0004LDL	Dilution Factor :	25
Date & Time Acquired :	2025-03-17 16:50:51	DataFile Name :	034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	180961	182381	183454	182265	0.69	cps
Antimony	121-1	19097	19027	19013	19046	0.24	cps
Arsenic	75-2	6985	6888	6738	6871	1.81	cps
Barium	135-1	41751	42590	42303	42215	1.01	cps
Barium	137-1	73113	73163	72241	72839	0.71	cps
Beryllium	9-1	2244	2254	2257	2252	0.32	cps
Bismuth	209-1	13421557	13384091	13512108	13439252	0.49	cps
Bismuth	209-2	7196667	7158210	7096632	7150503	0.71	cps
Bromine	81-1	2240373	2262446	2256033	2252951	0.50	cps
Cadmium	108-1	31078	31219	31222	31173	0.26	cps
Cadmium	106-1	14281	14471	13767	14173	2.57	cps
Cadmium	111-1	24312	24437	24069	24273	0.77	cps
Calcium	43-1	66044	65840	67410	66431	1.29	cps
Calcium	44-1	2200007	2216763	2193646	2203472	0.54	cps
Carbon	12-1						cps
Carbon	12-2	37324429	37191596	37142009	37219345	0.25	cps
Chlorine	35-1	772228	770176	755921	766108	1.16	cps
Chlorine	35-2	3544	3694	3597	3612	2.11	cps
Chromium	52-2	8893	8990	8859	8914	0.76	cps
Cobalt	59-2	1480	1567	1447	1498	4.14	cps
Copper	63-2	1091815	1098737	1116080	1102211	1.13	cps
Dysprosium	156-1	100	123	90	104	16.38	cps
Dysprosium	156-2	50	43	17	37	48.10	cps
Erbium	164-1	263	233	233	243	7.12	cps
Erbium	164-2	107	97	93	99	7.02	cps
Gadolinium	160-1	300	223	250	258	15.10	cps
Gadolinium	160-2	77	93	83	84	9.93	cps
Holmium	165-1	23505833	24143101	23193133	23614022	2.05	cps
Holmium	165-2	10567386	10521484	10466291	10518387	0.48	cps
Indium	115-1	20605035	20589253	20792697	20662329	0.55	cps
Indium	115-2	2646811	2703964	2696376	2682384	1.16	cps
Iron	54-2	14754	14494	14664	14638	0.90	cps
Iron	56-2	257865	258180	262223	259422	0.94	cps
Iron	57-2	6628	6622	6715	6655	0.78	cps
Krypton	83-1	540	493	497	510	5.11	cps
Lead	206-1	128691	131486	131419	130532	1.22	cps

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	Q1538-01LDLX25	Instrumnet Name :	P8
Client Sample ID :	BELL-25-0004LDL	Dilution Factor :	25
Date & Time Acquired :	2025-03-17 16:50:51	DataFile Name :	034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	110984	108980	109881	109948	0.91	cps
Lead	208-1	509342	512097	509482	510307	0.30	cps
Lithium	6-1	8373516	8418233	8194529	8328759	1.42	cps
Magnesium	24-2	154954	150811	153144	152970	1.36	cps
Manganese	55-2	133180	132148	133389	132906	0.50	cps
Molybdenum	94-1	64354511	64536274	64465686	64452157	0.14	cps
Molybdenum	95-1	114633025	115146708	114303532	114694422	0.37	cps
Molybdenum	96-1	121881575	123857731	120839432	122192913	1.25	cps
Molybdenum	97-1	69601826	70588769	69662619	69951071	0.79	cps
Molybdenum	98-1	182148217	181965124	181443044	181852128	0.20	cps
Neodymium	150-1	233	217	223	224	3.74	cps
Neodymium	150-2	27	27	43	32	29.85	cps
Nickel	60-2	4177	4187	4174	4180	0.17	cps
Phosphorus	31-2	21923	22227	22517	22223	1.34	cps
Potassium	39-2	66637266	66314166	66590384	66513938	0.26	cps
Rhodium	103-1	20481880	20209376	19933119	20208125	1.36	cps
Rhodium	103-2	8341189	8283395	8235122	8286569	0.64	cps
Scandium	45-1	15789008	15596171	15514924	15633367	0.90	cps
Scandium	45-2	320155	318935	320581	319890	0.27	cps
Selenium	82-1	3144	3484	3511	3379	6.05	cps
Selenium	77-2	37	47	60	48	24.50	cps
Selenium	78-2	207	237	187	210	11.98	cps
Silicon	28-1	67895557	68568617	68022367	68162181	0.52	cps
Silver	107-1	1557	1503	1540	1533	1.78	cps
Silver	109-1	1537	1633	1570	1580	3.11	cps
Sodium	23-2	93802445	93917269	94954369	94224694	0.67	cps
Strontium	86-1	203791	203574	204587	203984	0.26	cps
Strontium	88-1	1883357	1879717	1884932	1882669	0.14	cps
Sulfur	34-1	1189887	1195768	1199059	1194905	0.39	cps
Terbium	159-1	24311485	24387551	24636781	24445273	0.70	cps
Terbium	159-2	10285292	10317884	10133354	10245510	0.96	cps
Thallium	203-1	3034	2910	3064	3003	2.71	cps
Thallium	205-1	7079	6929	6605	6871	3.52	cps
Tin	118-1	21754	21617	21854	21742	0.55	cps
Titanium	47-1	22037	21817	22231	22028	0.94	cps
Uranium	238-1	2887	2820	2694	2800	3.51	cps

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	Q1538-01LDLX25	Instrumnet Name :	P8
Client Sample ID :	BELL-25-0004LDL	Dilution Factor :	25
Date & Time Acquired :	2025-03-17 16:50:51	DataFile Name :	034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	4111	4301	4464	4292	4.12	cps
Ytterbium	172-1	187	160	113	153	24.21	cps
Ytterbium	172-2	83	70	70	74	10.34	cps
Ytterbium	176-1	4124	4044	4257	4142	2.60	cps
Ytterbium	176-2	903	950	980	944	4.09	cps
Yttrium	89-1	38085927	38325364	38171452	38194247	0.32	cps
Yttrium	89-2	3374551	3325145	3322714	3340803	0.88	cps
Zinc	66-2	641572	650734	644802	645703	0.72	cps
Zirconium	90-1	7452	7299	7519	7423	1.52	cps
Zirconium	91-1	1950	1900	1773	1875	4.86	cps

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	Q1538-01MSDLX5	Instrumnet Name :	P8
Client Sample ID :	BELL-25-0004MSDL	Dilution Factor :	5
Date & Time Acquired :	2025-03-17 16:54:01	DataFile Name :	035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1199111	1228927	1220083	1216040	1.26	cps
Antimony	121-1	5761783	5835370	6066810	5887988	2.70	cps
Arsenic	75-2	73349	74184	75735	74423	1.63	cps
Barium	135-1	1062172	1068629	1082864	1071222	0.99	cps
Barium	137-1	1978020	1987018	2034320	1999786	1.51	cps
Beryllium	9-1	2063640	2093820	2176818	2111426	2.78	cps
Bismuth	209-1	14332297	14942695	14978677	14751223	2.46	cps
Bismuth	209-2	8372865	8196251	8347457	8305524	1.15	cps
Bromine	81-1	9634699	10240945	10469821	10115155	4.27	cps
Cadmium	108-1	248903	252974	254105	251994	1.09	cps
Cadmium	106-1	145693	147364	148384	147147	0.92	cps
Cadmium	111-1	1281873	1317054	1319895	1306274	1.62	cps
Calcium	43-1	558404	571383	572700	567496	1.39	cps
Calcium	44-1	13399713	13922904	14144704	13822440	2.77	cps
Carbon	12-1	OR		OR			cps
Carbon	12-2	242139310	244230283	242584310	242984634	0.45	cps
Chlorine	35-1	20623810	22736705	24219353	22526623	8.02	cps
Chlorine	35-2	119058	119716	120311	119695	0.52	cps
Chromium	52-2	1124441	1126494	1147819	1132918	1.14	cps
Cobalt	59-2	2243111	2211033	2206160	2220101	0.90	cps
Copper	63-2	9732979	9784602	9834452	9784011	0.52	cps
Dysprosium	156-1	497	570	453	507	11.64	cps
Dysprosium	156-2	133	183	153	157	16.06	cps
Erbium	164-1	687	693	720	700	2.52	cps
Erbium	164-2	250	297	240	262	11.53	cps
Gadolinium	160-1	693	670	713	692	3.13	cps
Gadolinium	160-2	287	223	183	231	22.54	cps
Holmium	165-1	26093010	26525530	26634681	26417740	1.08	cps
Holmium	165-2	12106865	12187271	11977083	12090407	0.88	cps
Indium	115-1	22228458	23246625	23344166	22939750	2.69	cps
Indium	115-2	3123943	3149658	3132678	3135426	0.42	cps
Iron	54-2	503676	506752	513043	507824	0.94	cps
Iron	56-2	9110528	9156334	9193376	9153413	0.45	cps
Iron	57-2	214320	214628	217061	215336	0.70	cps
Krypton	83-1	487	617	677	593	16.37	cps
Lead	206-1	3426895	3492621	3512668	3477394	1.29	cps

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	Q1538-01MSDLX5	Instrumnet Name :	P8
Client Sample ID :	BELL-25-0004MSDL	Dilution Factor :	5
Date & Time Acquired :	2025-03-17 16:54:01	DataFile Name :	035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	2947820	2999386	2977659	2974955	0.87	cps
Lead	208-1	13402075	13711835	13714604	13609505	1.32	cps
Lithium	6-1	9119382	9416089	9759255	9431575	3.40	cps
Magnesium	24-2	2085319	2085651	2094686	2088552	0.25	cps
Manganese	55-2	1732331	1758772	1779779	1756961	1.35	cps
Molybdenum	94-1	359956621	366449368	371727274	366044421	1.61	cps
Molybdenum	95-1	629420897	653061844	667167097	649883279	2.93	cps
Molybdenum	96-1	690523696	706125136	694886976	697178603	1.15	cps
Molybdenum	97-1	385256221	396184287	402294581	394578363	2.19	cps
Molybdenum	98-1	1031359265	1047630891	1064180571	1047723576	1.57	cps
Neodymium	150-1	670	653	737	687	6.42	cps
Neodymium	150-2	153	123	107	128	18.51	cps
Nickel	60-2	581336	588541	589538	586472	0.76	cps
Phosphorus	31-2	234603	232149	234882	233878	0.64	cps
Potassium	39-2	377328768	383142488	386108221	382193159	1.17	cps
Rhodium	103-1	21753401	22723691	22442986	22306693	2.24	cps
Rhodium	103-2	9550020	9671560	9622517	9614699	0.64	cps
Scandium	45-1	17511754	17965173	17914494	17797140	1.40	cps
Scandium	45-2	371858	372865	380227	374983	1.22	cps
Selenium	82-1	301836	310634	311529	308000	1.74	cps
Selenium	77-2	7025	6998	7155	7060	1.19	cps
Selenium	78-2	23476	23727	23874	23692	0.85	cps
Silicon	28-1	325606075	345675342	355721261	342334226	4.48	cps
Silver	107-1	514535	524260	531111	523302	1.59	cps
Silver	109-1	486714	500244	498669	495209	1.49	cps
Sodium	23-2	543344525	553520232	553025045	549963267	1.04	cps
Strontium	86-1	3039775	3127331	3125621	3097576	1.62	cps
Strontium	88-1	25699195	26831167	27234525	26588296	2.99	cps
Sulfur	34-1	3245926	3382748	3386368	3338347	2.40	cps
Terbium	159-1	26963939	27025553	27388203	27125898	0.85	cps
Terbium	159-2	11975838	11879760	11861237	11905612	0.52	cps
Thallium	203-1	3621958	3677821	3630422	3643400	0.83	cps
Thallium	205-1	8269184	8599608	8578851	8482547	2.18	cps
Tin	118-1	663026	679521	684388	675645	1.66	cps
Titanium	47-1	114848	118962	120504	118105	2.48	cps
Uranium	238-1	10974902	11107809	11261307	11114672	1.29	cps

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	Q1538-01MSDLX5	Instrumnet Name :	P8
Client Sample ID :	BELL-25-0004MSDL	Dilution Factor :	5
Date & Time Acquired :	2025-03-17 16:54:01	DataFile Name :	035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	907053	909341	919372	911922	0.72	cps
Ytterbium	172-1	510	550	567	542	5.37	cps
Ytterbium	172-2	303	313	287	301	4.47	cps
Ytterbium	176-1	22389	22245	22820	22485	1.33	cps
Ytterbium	176-2	10097	9854	9727	9893	1.90	cps
Yttrium	89-1	41551855	42975578	43702716	42743383	2.56	cps
Yttrium	89-2	3847874	3876672	3909948	3878164	0.80	cps
Zinc	66-2	4739046	4751431	4777493	4755990	0.41	cps
Zirconium	90-1	8529278	8823097	8833501	8728625	1.98	cps
Zirconium	91-1	1929806	1989080	1968573	1962486	1.53	cps

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	Q1538-01MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	BELL-25-0004MSDDL	Dilution Factor :	5
Date & Time Acquired :	2025-03-17 16:57:00	DataFile Name :	036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1289309	1249722	1254243	1264425	1.71	cps
Antimony	121-1	5831247	6159660	6204530	6065146	3.36	cps
Arsenic	75-2	75883	77341	77867	77030	1.33	cps
Barium	135-1	1087324	1103764	1110888	1100659	1.10	cps
Barium	137-1	2065375	2110842	2088531	2088249	1.09	cps
Beryllium	9-1	2156327	2242992	2262729	2220683	2.55	cps
Bismuth	209-1	14785420	15111717	15324519	15073885	1.80	cps
Bismuth	209-2	8608042	8320906	8360349	8429766	1.85	cps
Bromine	81-1	10285537	10931099	10971850	10729495	3.59	cps
Cadmium	108-1	254273	262662	262469	259801	1.84	cps
Cadmium	106-1	148674	155633	153472	152593	2.33	cps
Cadmium	111-1	1443123	1352364	1550986	1448824	6.86	cps
Calcium	43-1	586227	600997	611543	599589	2.12	cps
Calcium	44-1	14458237	14905110	15127714	14830354	2.30	cps
Carbon	12-1	OR		OR			cps
Carbon	12-2	256457876	250047430	248522050	251675785	1.67	cps
Chlorine	35-1	22690443	25108753	26560605	24786600	7.89	cps
Chlorine	35-2	126144	126991	123794	125643	1.32	cps
Chromium	52-2	1193170	1173127	1149312	1171870	1.87	cps
Cobalt	59-2	2300661	2278642	2227270	2268858	1.66	cps
Copper	63-2	10310473	10027338	9996723	10111511	1.71	cps
Dysprosium	156-1	570	530	450	517	11.83	cps
Dysprosium	156-2	247	147	180	191	26.64	cps
Erbium	164-1	727	710	700	712	1.89	cps
Erbium	164-2	283	267	293	281	4.79	cps
Gadolinium	160-1	620	570	693	628	9.88	cps
Gadolinium	160-2	330	193	267	263	25.97	cps
Holmium	165-1	26616682	27004665	27358506	26993284	1.37	cps
Holmium	165-2	12294481	12344576	12104131	12247729	1.04	cps
Indium	115-1	23310779	23579182	23980383	23623448	1.43	cps
Indium	115-2	3230326	3229854	3154378	3204852	1.36	cps
Iron	54-2	538053	530178	513855	527362	2.34	cps
Iron	56-2	9826140	9646393	9425748	9632760	2.08	cps
Iron	57-2	231442	224545	223268	226418	1.94	cps
Krypton	83-1	600	697	720	672	9.47	cps
Lead	206-1	3558053	3607372	3653052	3606159	1.32	cps

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	Q1538-01MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	BELL-25-0004MSDDL	Dilution Factor :	5
Date & Time Acquired :	2025-03-17 16:57:00	DataFile Name :	036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	3006389	3108471	3073867	3062909	1.69	cps
Lead	208-1	13683723	14142467	14278417	14034869	2.22	cps
Lithium	6-1	9570138	9664968	9953005	9729371	2.05	cps
Magnesium	24-2	2245351	2209170	2186905	2213809	1.33	cps
Manganese	55-2	1882817	1848649	1817349	1849605	1.77	cps
Molybdenum	94-1	375781274	386892154	394061914	385578448	2.39	cps
Molybdenum	95-1	665496683	677668777	686431350	676532270	1.55	cps
Molybdenum	96-1	707155963	733654362	746638949	729149758	2.76	cps
Molybdenum	97-1	411607567	423813314	421699594	419040158	1.56	cps
Molybdenum	98-1	1060114384	1071784731	1105016970	1078972028	2.16	cps
Neodymium	150-1	677	550	693	640	12.25	cps
Neodymium	150-2	160	93	153	136	27.09	cps
Nickel	60-2	618625	609282	600535	609481	1.48	cps
Phosphorus	31-2	249678	244815	237985	244159	2.41	cps
Potassium	39-2	403976674	400666674	394064167	399569172	1.26	cps
Rhodium	103-1	22885299	23328656	23496503	23236819	1.36	cps
Rhodium	103-2	9766968	9756099	9567716	9696927	1.16	cps
Scandium	45-1	18344812	18676523	19248353	18756563	2.44	cps
Scandium	45-2	389237	386955	375207	383800	1.96	cps
Selenium	82-1	314015	330777	330989	325260	2.99	cps
Selenium	77-2	7232	7415	7282	7310	1.30	cps
Selenium	78-2	25757	25239	24268	25088	3.01	cps
Silicon	28-1	344536828	367323968	380676088	364178961	5.02	cps
Silver	107-1	495057	511123	518292	508157	2.34	cps
Silver	109-1	468662	488743	489394	482266	2.44	cps
Sodium	23-2	579912498	579262725	558660085	572611769	2.11	cps
Strontium	86-1	3155963	3256273	3315978	3242738	2.49	cps
Strontium	88-1	27417570	28324545	28158235	27966783	1.73	cps
Sulfur	34-1	3418203	3551105	3649204	3539504	3.28	cps
Terbium	159-1	27233460	27495456	28057435	27595451	1.53	cps
Terbium	159-2	12198197	12114838	12059417	12124151	0.58	cps
Thallium	203-1	3661304	3769159	3773772	3734745	1.70	cps
Thallium	205-1	8565817	8831051	9017749	8804872	2.58	cps
Tin	118-1	689027	702051	713854	701644	1.77	cps
Titanium	47-1	123540	128540	130645	127575	2.86	cps
Uranium	238-1	11231199	11543342	11598466	11457669	1.73	cps

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	Q1538-01MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	BELL-25-0004MSDDL	Dilution Factor :	5
Date & Time Acquired :	2025-03-17 16:57:00	DataFile Name :	036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	956328	949839	924123	943430	1.81	cps
Ytterbium	172-1	593	667	567	609	8.50	cps
Ytterbium	172-2	310	243	280	278	12.02	cps
Ytterbium	176-1	22780	22673	23895	23116	2.93	cps
Ytterbium	176-2	10127	10494	9900	10174	2.95	cps
Yttrium	89-1	42926956	44769781	44247856	43981531	2.16	cps
Yttrium	89-2	4035512	3983775	3877637	3965641	2.03	cps
Zinc	66-2	4944150	4972127	4878088	4931455	0.98	cps
Zirconium	90-1	9017389	9150508	9397048	9188315	2.10	cps
Zirconium	91-1	2036337	2088994	2134363	2086565	2.35	cps

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	Q1538-01ADLX5	Instrumnet Name :	P8
Client Sample ID :	BELL-25-0004ADL	Dilution Factor :	5
Date & Time Acquired :	2025-03-17 17:00:03	DataFile Name :	037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1236785	1245408	1243665	1241953	0.37	cps
Antimony	121-1	5749753	5809887	5974067	5844569	1.99	cps
Arsenic	75-2	74559	75809	77411	75927	1.88	cps
Barium	135-1	1066137	1075553	1070016	1070569	0.44	cps
Barium	137-1	1980915	2025319	2035088	2013774	1.43	cps
Beryllium	9-1	2121296	2175820	2204295	2167137	1.95	cps
Bismuth	209-1	14522759	14446516	14666295	14545190	0.77	cps
Bismuth	209-2	8240346	8124226	8041674	8135415	1.23	cps
Bromine	81-1	10051963	10770076	10943694	10588577	4.46	cps
Cadmium	108-1	245945	255818	251128	250964	1.97	cps
Cadmium	106-1	148570	148091	149584	148748	0.51	cps
Cadmium	111-1	1307052	1306399	1310434	1307962	0.17	cps
Calcium	43-1	592138	596483	608662	599094	1.43	cps
Calcium	44-1	14244842	14840809	14912684	14666112	2.50	cps
Carbon	12-1	OR		OR			cps
Carbon	12-2	251393330	245733983	248031883	248386399	1.15	cps
Chlorine	35-1	22950524	24711151	25971424	24544366	6.18	cps
Chlorine	35-2	124904	123357	124681	124314	0.67	cps
Chromium	52-2	1142330	1139400	1140078	1140603	0.13	cps
Cobalt	59-2	2225057	2200890	2202113	2209353	0.62	cps
Copper	63-2	9843192	9731328	9855893	9810138	0.70	cps
Dysprosium	156-1	587	587	437	537	16.14	cps
Dysprosium	156-2	213	167	187	189	12.40	cps
Erbium	164-1	787	803	767	786	2.34	cps
Erbium	164-2	277	263	253	264	4.43	cps
Gadolinium	160-1	707	630	617	651	7.46	cps
Gadolinium	160-2	267	313	243	274	12.99	cps
Holmium	165-1	26091724	25483256	26528211	26034397	2.02	cps
Holmium	165-2	11884116	11634269	11979152	11832512	1.51	cps
Indium	115-1	22246193	23011317	22726312	22661274	1.71	cps
Indium	115-2	3052370	3089824	3150603	3097599	1.60	cps
Iron	54-2	510539	508747	507936	509074	0.26	cps
Iron	56-2	9321360	9473385	9267604	9354116	1.14	cps
Iron	57-2	217962	217933	218979	218291	0.27	cps
Krypton	83-1	580	843	680	701	18.96	cps
Lead	206-1	3453236	3435649	3473145	3454010	0.54	cps

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	Q1538-01ADLX5	Instrumnet Name :	P8
Client Sample ID :	BELL-25-0004ADL	Dilution Factor :	5
Date & Time Acquired :	2025-03-17 17:00:03	DataFile Name :	037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	2922902	2937977	2952002	2937627	0.50	cps
Lead	208-1	13395952	13415317	13571148	13460806	0.71	cps
Lithium	6-1	9380218	9688402	9607699	9558773	1.67	cps
Magnesium	24-2	2189671	2193430	2230491	2204531	1.02	cps
Manganese	55-2	1800844	1804653	1782066	1795855	0.67	cps
Molybdenum	94-1	367232288	377105434	374821848	373053190	1.39	cps
Molybdenum	95-1	648666177	648659844	669369603	655565208	1.82	cps
Molybdenum	96-1	704776870	712808576	719456736	712347394	1.03	cps
Molybdenum	97-1	394006167	409885301	409235487	404375652	2.22	cps
Molybdenum	98-1	1050261184	1059542144	1077383104	1062395478	1.30	cps
Neodymium	150-1	710	813	677	733	9.72	cps
Neodymium	150-2	160	143	117	140	15.61	cps
Nickel	60-2	585963	588383	585479	586608	0.27	cps
Phosphorus	31-2	236898	238381	236203	237161	0.47	cps
Potassium	39-2	395032007	386081301	386170234	389094514	1.32	cps
Rhodium	103-1	21911324	22863437	22798247	22524336	2.36	cps
Rhodium	103-2	9505126	9282770	9588387	9458761	1.67	cps
Scandium	45-1	18265026	18334623	18342286	18313978	0.23	cps
Scandium	45-2	369274	371809	369919	370334	0.36	cps
Selenium	82-1	305444	316260	317166	312957	2.08	cps
Selenium	77-2	7215	7155	7439	7270	2.06	cps
Selenium	78-2	24348	23663	24388	24133	1.69	cps
Silicon	28-1	348917435	364480355	370062368	361153386	3.03	cps
Silver	107-1	496799	512116	509438	506117	1.62	cps
Silver	109-1	467519	473137	480301	473653	1.35	cps
Sodium	23-2	548641965	551329098	550700232	550223765	0.26	cps
Strontium	86-1	3118297	3169531	3181140	3156323	1.06	cps
Strontium	88-1	26742757	26760261	27266898	26923305	1.11	cps
Sulfur	34-1	3415513	3548447	3527958	3497306	2.05	cps
Terbium	159-1	26976850	26529503	27054003	26853452	1.05	cps
Terbium	159-2	11633221	11567691	11630156	11610356	0.32	cps
Thallium	203-1	3599852	3604582	3610739	3605058	0.15	cps
Thallium	205-1	8404563	8520742	8517396	8480900	0.78	cps
Tin	118-1	667171	680003	682469	676547	1.21	cps
Titanium	47-1	122333	128516	130059	126969	3.22	cps
Uranium	238-1	10998227	10764932	11065944	10943034	1.44	cps

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	Q1538-01ADLX5	Instrumnet Name :	P8
Client Sample ID :	BELL-25-0004ADL	Dilution Factor :	5
Date & Time Acquired :	2025-03-17 17:00:03	DataFile Name :	037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	918254	916897	917062	917404	0.08	cps
Ytterbium	172-1	487	547	627	553	12.69	cps
Ytterbium	172-2	273	320	313	302	8.35	cps
Ytterbium	176-1	22329	22069	22519	22306	1.01	cps
Ytterbium	176-2	9514	9934	9810	9753	2.22	cps
Yttrium	89-1	42156055	42519582	43009766	42561801	1.01	cps
Yttrium	89-2	3875107	3800132	3944356	3873198	1.86	cps
Zinc	66-2	4774630	4763591	4786273	4774831	0.24	cps
Zirconium	90-1	8728732	8917348	8914308	8853463	1.22	cps
Zirconium	91-1	1994411	1985506	2040708	2006875	1.48	cps

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired :	2025-03-17 17:03:09	DataFile Name :	038CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9609658	9620836	9710914	9647136	0.58	cps
Antimony	121-1	18091907	18440684	18039183	18190591	1.20	cps
Arsenic	75-2	498234	494418	501208	497954	0.68	cps
Barium	135-1	21955468	22027840	21947725	21977011	0.20	cps
Barium	137-1	37763773	37436551	37740041	37646788	0.48	cps
Beryllium	9-1	6926720	7166352	6852992	6982021	2.35	cps
Bismuth	209-1	11394723	11222516	11113652	11243630	1.26	cps
Bismuth	209-2	6487471	6495336	6395675	6459494	0.86	cps
Bromine	81-1	561529	521216	490484	524410	6.79	cps
Cadmium	108-1	361045	360769	357579	359798	0.54	cps
Cadmium	106-1	521076	512457	509579	514371	1.16	cps
Cadmium	111-1	4856148	4897923	4863243	4872438	0.46	cps
Calcium	43-1	34284082	34102324	34003932	34130113	0.42	cps
Calcium	44-1	551244765	558289605	550672712	553402361	0.77	cps
Carbon	12-1	641756537	602846671	574387485	606330231	5.58	cps
Carbon	12-2	3417806	3361651	3220870	3333442	3.04	cps
Chlorine	35-1	1825774	1779733	1714507	1773338	3.15	cps
Chlorine	35-2	7919	7255	7239	7471	5.19	cps
Chromium	52-2	5048781	5017513	4986867	5017720	0.62	cps
Cobalt	59-2	8696175	8727246	8731277	8718233	0.22	cps
Copper	63-2	72825812	72449302	73566134	72947083	0.78	cps
Dysprosium	156-1	777	867	900	848	7.53	cps
Dysprosium	156-2	210	230	300	247	19.16	cps
Erbium	164-1	787	893	853	844	6.38	cps
Erbium	164-2	407	393	400	400	1.67	cps
Gadolinium	160-1	727	747	697	723	3.48	cps
Gadolinium	160-2	363	287	293	314	13.51	cps
Holmium	165-1	21590821	21150990	21473591	21405134	1.06	cps
Holmium	165-2	9999217	10186242	9928009	10037823	1.33	cps
Indium	115-1	18610729	18450284	18563495	18541503	0.44	cps
Indium	115-2	2509167	2551699	2527258	2529375	0.84	cps
Iron	54-2	51061348	51093136	51216543	51123675	0.16	cps
Iron	56-2	943156573	930710866	948613319	940826919	0.98	cps
Iron	57-2	23411985	24008052	23229416	23549818	1.73	cps
Krypton	83-1	817	897	807	840	5.87	cps
Lead	206-1	56993169	56247239	55972526	56404311	0.94	cps

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired :	2025-03-17 17:03:09	DataFile Name :	038CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	49403006	49001513	47827424	48743981	1.68	cps
Lead	208-1	228259377	225341773	221806382	225135844	1.44	cps
Lithium	6-1	7659523	7825164	7563890	7682859	1.72	cps
Magnesium	24-2	152932561	152340284	151693631	152322159	0.41	cps
Manganese	55-2	24434913	24446052	24617959	24499641	0.42	cps
Molybdenum	94-1	72796596	71402086	71460004	71886228	1.10	cps
Molybdenum	95-1	103554442	105111645	103753038	104139708	0.81	cps
Molybdenum	96-1	111997498	114867742	111050842	112638694	1.76	cps
Molybdenum	97-1	63613139	64432777	62398221	63481379	1.61	cps
Molybdenum	98-1	167493958	166424531	163822418	165913635	1.14	cps
Neodymium	150-1	1510	1517	1653	1560	5.19	cps
Neodymium	150-2	173	207	137	172	20.33	cps
Nickel	60-2	2653309	2695871	2644243	2664474	1.03	cps
Phosphorus	31-2	108666	109348	109284	109099	0.35	cps
Potassium	39-2	52356498	53565246	53658111	53193285	1.37	cps
Rhodium	103-1	17496679	17569584	17298123	17454795	0.80	cps
Rhodium	103-2	7550727	7668784	7514987	7578166	1.06	cps
Scandium	45-1	14769989	14453731	14642751	14622157	1.09	cps
Scandium	45-2	324602	324927	319961	323164	0.86	cps
Selenium	82-1	353391	352511	348736	351546	0.70	cps
Selenium	77-2	8046	8082	8116	8081	0.43	cps
Selenium	78-2	27273	27280	27878	27477	1.26	cps
Silicon	28-1	32319945	34525164	35795189	34213432	5.14	cps
Silver	107-1	24654611	24225572	23659650	24179945	2.06	cps
Silver	109-1	23236013	22921691	23051357	23069687	0.68	cps
Sodium	23-2	290468836	292761789	293132276	292120967	0.49	cps
Strontium	86-1	6497666	6410309	6533821	6480599	0.98	cps
Strontium	88-1	56721879	55929038	55035866	55895594	1.51	cps
Sulfur	34-1	2664601	2637203	2627202	2643002	0.73	cps
Terbium	159-1	22498166	21913267	22048989	22153474	1.38	cps
Terbium	159-2	9931361	9974646	9779277	9895095	1.04	cps
Thallium	203-1	14404979	14588691	14379159	14457610	0.79	cps
Thallium	205-1	34756462	34064814	34438817	34420031	1.01	cps
Tin	118-1	14589854	14624053	14699123	14637677	0.38	cps
Titanium	47-1	33797421	33560782	33799248	33719150	0.41	cps
Uranium	238-1	44364623	44998916	43154533	44172690	2.12	cps

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired :	2025-03-17 17:03:09	DataFile Name :	038CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	3854763	3930005	3897035	3893934	0.97	cps
Ytterbium	172-1	1073	1053	1173	1100	5.84	cps
Ytterbium	172-2	607	537	623	589	7.81	cps
Ytterbium	176-1	73302	73336	72544	73061	0.61	cps
Ytterbium	176-2	35852	34899	35006	35253	1.48	cps
Yttrium	89-1	36556930	35244674	35635520	35812375	1.88	cps
Yttrium	89-2	3360035	3395059	3313009	3356035	1.23	cps
Zinc	66-2	8685397	8756116	8805378	8748964	0.69	cps
Zirconium	90-1	36388659	35248324	35947629	35861538	1.60	cps
Zirconium	91-1	7977183	7829522	7835306	7880670	1.06	cps

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P8
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired :	2025-03-17 17:07:01	DataFile Name :	039CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	417	343	363	374	10.12	cps
Antimony	121-1	1970	2260	2377	2202	9.51	cps
Arsenic	75-2	370	430	370	390	8.88	cps
Barium	135-1	740	717	680	712	4.25	cps
Barium	137-1	1253	1150	1153	1186	4.95	cps
Beryllium	9-1	2686	2631	2730	2682	1.84	cps
Bismuth	209-1	13376136	13235825	13121430	13244464	0.96	cps
Bismuth	209-2	7560835	7278351	7735379	7524855	3.06	cps
Bromine	81-1	201611	187309	180491	189804	5.68	cps
Cadmium	108-1	107	93	53	84	32.87	cps
Cadmium	106-1	13627	13557	13493	13559	0.49	cps
Cadmium	111-1	10004	9828	9891	9908	0.90	cps
Calcium	43-1	2970	2874	2650	2831	5.80	cps
Calcium	44-1	147588	145439	142524	145184	1.75	cps
Carbon	12-1	352994208	339379848	335968828	342780962	2.63	cps
Carbon	12-2	2085546	2096509	2041950	2074669	1.39	cps
Chlorine	35-1	964397	933235	913963	937198	2.72	cps
Chlorine	35-2	4394	4267	4041	4234	4.23	cps
Chromium	52-2	1863	1827	1820	1837	1.27	cps
Cobalt	59-2	723	687	793	734	7.38	cps
Copper	63-2	10537	10584	10721	10614	0.90	cps
Dysprosium	156-1	53	30	30	38	35.66	cps
Dysprosium	156-2	10	7	3	7	50.03	cps
Erbium	164-1	130	123	157	137	12.91	cps
Erbium	164-2	57	80	70	69	16.99	cps
Gadolinium	160-1	283	300	183	256	24.69	cps
Gadolinium	160-2	33	80	60	58	40.53	cps
Holmium	165-1	22767609	22423263	22976744	22722539	1.23	cps
Holmium	165-2	10410746	9981577	10599822	10330715	3.07	cps
Indium	115-1	20375618	20655859	20610624	20547367	0.73	cps
Indium	115-2	2779151	2676179	2861991	2772440	3.36	cps
Iron	54-2	1743	1667	1687	1699	2.34	cps
Iron	56-2	27127	24895	25196	25739	4.71	cps
Iron	57-2	677	613	663	651	5.13	cps
Krypton	83-1	460	453	463	459	1.11	cps
Lead	206-1	5094	4838	5181	5038	3.55	cps

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P8
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired :	2025-03-17 17:07:01	DataFile Name :	039CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	4608	4274	4391	4424	3.82	cps
Lead	208-1	20543	19276	19873	19897	3.19	cps
Lithium	6-1	8060230	8339387	8186756	8195458	1.71	cps
Magnesium	24-2	3961	4094	3907	3987	2.41	cps
Manganese	55-2	2437	2474	2454	2455	0.75	cps
Molybdenum	94-1	8129	7636	7082	7615	6.88	cps
Molybdenum	95-1	11762	10544	10731	11012	5.95	cps
Molybdenum	96-1	12226	11321	11215	11587	4.79	cps
Molybdenum	97-1	7029	6438	6532	6666	4.76	cps
Molybdenum	98-1	17591	16547	16450	16863	3.75	cps
Neodymium	150-1	17	20	20	19	10.18	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	1817	1843	1773	1811	1.95	cps
Phosphorus	31-2	200	167	183	183	9.09	cps
Potassium	39-2	84415	82829	79638	82294	2.96	cps
Rhodium	103-1	20299243	20241980	20115425	20218883	0.47	cps
Rhodium	103-2	8916997	8371837	8958793	8749209	3.74	cps
Scandium	45-1	15461199	15193739	15378492	15344477	0.89	cps
Scandium	45-2	325983	310869	329663	322171	3.09	cps
Selenium	82-1	613	633	487	578	13.77	cps
Selenium	77-2	7	3	7	6	34.70	cps
Selenium	78-2	50	67	63	60	14.70	cps
Silicon	28-1	6870527	6491477	6279295	6547100	4.57	cps
Silver	107-1	1577	1520	1433	1510	4.78	cps
Silver	109-1	1337	1417	1210	1321	7.89	cps
Sodium	23-2	291927	284415	281861	286068	1.83	cps
Strontium	86-1	940	947	843	910	6.36	cps
Strontium	88-1	2097	1974	1923	1998	4.47	cps
Sulfur	34-1	773485	772968	774818	773757	0.12	cps
Terbium	159-1	24486573	23671464	23712534	23956857	1.92	cps
Terbium	159-2	10463452	9912966	10673365	10349928	3.79	cps
Thallium	203-1	2834	3050	2747	2877	5.43	cps
Thallium	205-1	7219	6969	6889	7025	2.45	cps
Tin	118-1	4241	4087	4191	4173	1.87	cps
Titanium	47-1	1657	1503	1510	1557	5.57	cps
Uranium	238-1	2797	2900	2694	2797	3.70	cps

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P8
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired :	2025-03-17 17:07:01	DataFile Name :	039CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	197	210	167	191	11.61	cps
Ytterbium	172-1	67	87	83	79	13.58	cps
Ytterbium	172-2	40	40	27	36	21.64	cps
Ytterbium	176-1	3991	3917	3951	3953	0.93	cps
Ytterbium	176-2	913	877	910	900	2.25	cps
Yttrium	89-1	37586249	37623275	38396958	37868827	1.21	cps
Yttrium	89-2	3482503	3265168	3530943	3426205	4.13	cps
Zinc	66-2	1683	1420	1450	1518	9.50	cps
Zirconium	90-1	3791	3674	4024	3829	4.66	cps
Zirconium	91-1	853	800	817	823	3.31	cps

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	Q1528-02DL2X25	Instrumnet Name :	P8
Client Sample ID :	22725DL2	Dilution Factor :	25
Date & Time Acquired :	2025-03-17 17:10:19	DataFile Name :	040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	66397	65775	65363	65845	0.79	cps
Antimony	121-1	47726	46676	47596	47333	1.21	cps
Arsenic	75-2	11745	12132	12325	12067	2.45	cps
Barium	135-1	42781	42814	43071	42889	0.37	cps
Barium	137-1	72982	74021	74014	73672	0.81	cps
Beryllium	9-1	2540	2510	2477	2509	1.25	cps
Bismuth	209-1	14299111	14601896	14503215	14468074	1.07	cps
Bismuth	209-2	8434680	7856112	8190673	8160488	3.56	cps
Bromine	81-1	168516	174945	174018	172493	2.01	cps
Cadmium	108-1	243	217	253	238	7.97	cps
Cadmium	106-1	14334	15102	14958	14798	2.76	cps
Cadmium	111-1	10660	11180	10987	10942	2.40	cps
Calcium	43-1	60329	60346	60637	60437	0.29	cps
Calcium	44-1	2030067	2076836	2091716	2066207	1.56	cps
Carbon	12-1	4926897420		5077692511			cps
Carbon	12-2	32749905	31288053	32795577	32277845	2.66	cps
Chlorine	35-1	2922876	3406326	3687976	3339059	11.59	cps
Chlorine	35-2	17935	18038	18325	18099	1.12	cps
Chromium	52-2	14077	14207	14374	14219	1.05	cps
Cobalt	59-2	7562	7179	7399	7380	2.61	cps
Copper	63-2	167956	169576	168979	168837	0.49	cps
Dysprosium	156-1	1547	1503	1443	1498	3.46	cps
Dysprosium	156-2	673	613	600	629	6.21	cps
Erbium	164-1	1497	1610	1487	1531	4.47	cps
Erbium	164-2	573	637	670	627	7.84	cps
Gadolinium	160-1	1643	1720	1757	1707	3.39	cps
Gadolinium	160-2	697	750	770	739	5.13	cps
Holmium	165-1	25344609	25465055	26142965	25650876	1.68	cps
Holmium	165-2	11265576	11444787	11023524	11244629	1.88	cps
Indium	115-1	22942376	22553773	22433790	22643313	1.17	cps
Indium	115-2	2972936	2981383	2925874	2960064	1.01	cps
Iron	54-2	452824	454643	454918	454128	0.25	cps
Iron	56-2	8753551	8815910	8703046	8757502	0.65	cps
Iron	57-2	208901	209838	210886	209875	0.47	cps
Krypton	83-1	453	460	520	478	7.68	cps
Lead	206-1	97930	100553	100106	99530	1.41	cps

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	Q1528-02DL2X25	Instrumnet Name :	P8
Client Sample ID :	22725DL2	Dilution Factor :	25
Date & Time Acquired :	2025-03-17 17:10:19	DataFile Name :	040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	83963	85235	84846	84681	0.77	cps
Lead	208-1	386249	390702	391359	389437	0.71	cps
Lithium	6-1	8744842	8656533	8830438	8743938	0.99	cps
Magnesium	24-2	122815	122489	123008	122771	0.21	cps
Manganese	55-2	46465	47288	46171	46641	1.24	cps
Molybdenum	94-1	25647	24418	23423	24496	4.55	cps
Molybdenum	95-1	17087	15919	15339	16115	5.53	cps
Molybdenum	96-1	19758	19691	18462	19304	3.78	cps
Molybdenum	97-1	10297	9180	8970	9482	7.53	cps
Molybdenum	98-1	25958	24211	23553	24574	5.06	cps
Neodymium	150-1	2094	2204	2064	2120	3.48	cps
Neodymium	150-2	593	707	643	648	8.77	cps
Nickel	60-2	7555	7796	7772	7708	1.72	cps
Phosphorus	31-2	110083	109912	109046	109680	0.51	cps
Potassium	39-2	13370199	13101272	13218401	13229957	1.02	cps
Rhodium	103-1	22344272	22282003	22038679	22221651	0.73	cps
Rhodium	103-2	9219340	9370109	9248097	9279182	0.86	cps
Scandium	45-1	16653770	16637013	16508132	16599638	0.48	cps
Scandium	45-2	343758	338203	346430	342797	1.22	cps
Selenium	82-1	5164	5088	4718	4990	4.79	cps
Selenium	77-2	93	80	107	93	14.29	cps
Selenium	78-2	363	313	240	306	20.30	cps
Silicon	28-1	39365679	39889428	39197565	39484224	0.91	cps
Silver	107-1	1753	1560	1700	1671	5.98	cps
Silver	109-1	1487	1480	1417	1461	2.64	cps
Sodium	23-2	11478189	11330944	11441653	11416929	0.67	cps
Strontium	86-1	26358	26452	26231	26347	0.42	cps
Strontium	88-1	221429	223013	222787	222410	0.39	cps
Sulfur	34-1	1115197	1076771	1068120	1086696	2.31	cps
Terbium	159-1	26200235	25638438	26686603	26175092	2.00	cps
Terbium	159-2	11367596	11095747	11465718	11309687	1.69	cps
Thallium	203-1	2387	2287	2564	2412	5.81	cps
Thallium	205-1	6095	5871	5488	5818	5.28	cps
Tin	118-1	22085	21888	22004	21992	0.45	cps
Titanium	47-1	95418	95478	94860	95252	0.36	cps
Uranium	238-1	4914	4801	4744	4820	1.80	cps

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	Q1528-02DL2X25	Instrumnet Name :	P8
Client Sample ID :	22725DL2	Dilution Factor :	25
Date & Time Acquired :	2025-03-17 17:10:19	DataFile Name :	040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	8799	9083	8966	8950	1.59	cps
Ytterbium	172-1	597	483	503	528	11.46	cps
Ytterbium	172-2	233	257	337	276	19.67	cps
Ytterbium	176-1	4861	4891	4624	4792	3.05	cps
Ytterbium	176-2	1187	1163	1183	1178	1.07	cps
Yttrium	89-1	40221884	41381834	40747132	40783616	1.42	cps
Yttrium	89-2	3520540	3633868	3567349	3573919	1.59	cps
Zinc	66-2	133185	134080	133229	133498	0.38	cps
Zirconium	90-1	44665	43534	41696	43298	3.46	cps
Zirconium	91-1	10220	9640	9213	9691	5.22	cps

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	Q1538-01DL2X25	Instrumnet Name :	P8
Client Sample ID :	BELL-25-0004DL2	Dilution Factor :	25
Date & Time Acquired :	2025-03-17 17:13:33	DataFile Name :	041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	173579	176618	173835	174677	0.96	cps
Antimony	121-1	18660	18666	17972	18433	2.16	cps
Arsenic	75-2	4221	4287	4291	4266	0.93	cps
Barium	135-1	42048	41547	41901	41832	0.62	cps
Barium	137-1	69835	71123	70824	70594	0.95	cps
Beryllium	9-1	2139	2080	2216	2145	3.19	cps
Bismuth	209-1	13294870	13422691	13328780	13348780	0.50	cps
Bismuth	209-2	7238179	7386586	7395949	7340238	1.21	cps
Bromine	81-1	1769015	1905027	1928001	1867348	4.60	cps
Cadmium	108-1	28446	27324	27972	27914	2.02	cps
Cadmium	106-1	13967	13724	13583	13758	1.41	cps
Cadmium	111-1	22337	24007	21982	22775	4.75	cps
Calcium	43-1	53750	54650	53676	54025	1.00	cps
Calcium	44-1	1867010	1889661	1913850	1890174	1.24	cps
Carbon	12-1	5161215496		OR			cps
Carbon	12-2	33917109	33709274	33705639	33777341	0.36	cps
Chlorine	35-1	1161127	996052	932901	1030026	11.44	cps
Chlorine	35-2	3957	3914	3857	3909	1.28	cps
Chromium	52-2	8363	8256	8119	8246	1.48	cps
Cobalt	59-2	1437	1330	1390	1386	3.86	cps
Copper	63-2	1079254	1079504	1087399	1082053	0.43	cps
Dysprosium	156-1	150	127	110	129	15.59	cps
Dysprosium	156-2	40	30	27	32	21.53	cps
Erbium	164-1	253	237	250	247	3.58	cps
Erbium	164-2	137	107	110	118	13.96	cps
Gadolinium	160-1	290	320	303	304	4.94	cps
Gadolinium	160-2	73	67	93	78	17.84	cps
Holmium	165-1	23435878	24060564	24062768	23853070	1.51	cps
Holmium	165-2	10711519	10549542	10711372	10657478	0.88	cps
Indium	115-1	20840332	20758275	20518558	20705721	0.81	cps
Indium	115-2	2759874	2761368	2726091	2749111	0.73	cps
Iron	54-2	8883	8953	8763	8866	1.08	cps
Iron	56-2	155234	154621	154068	154641	0.38	cps
Iron	57-2	3847	3821	4051	3906	3.22	cps
Krypton	83-1	453	530	503	496	7.86	cps
Lead	206-1	127564	130305	131304	129724	1.49	cps

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	Q1538-01DL2X25	Instrumnet Name :	P8
Client Sample ID :	BELL-25-0004DL2	Dilution Factor :	25
Date & Time Acquired :	2025-03-17 17:13:33	DataFile Name :	041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	106114	107771	110224	108036	1.91	cps
Lead	208-1	499904	506452	510579	505645	1.06	cps
Lithium	6-1	8007301	8110175	7838707	7985394	1.72	cps
Magnesium	24-2	146787	145376	147147	146437	0.64	cps
Manganese	55-2	112915	112011	112398	112441	0.40	cps
Molybdenum	94-1	62188661	62494174	62641077	62441304	0.37	cps
Molybdenum	95-1	109615988	111329805	111012168	110652654	0.82	cps
Molybdenum	96-1	117862105	119852585	117552212	118422300	1.05	cps
Molybdenum	97-1	68826096	68773506	67772114	68457238	0.87	cps
Molybdenum	98-1	177793937	179240424	178538597	178524320	0.41	cps
Neodymium	150-1	83	110	83	92	16.70	cps
Neodymium	150-2	27	40	17	28	42.13	cps
Nickel	60-2	4164	4317	4454	4312	3.37	cps
Phosphorus	31-2	20935	21009	20742	20895	0.66	cps
Potassium	39-2	64535774	65091599	65053804	64893726	0.48	cps
Rhodium	103-1	20331846	20188122	19872727	20130898	1.17	cps
Rhodium	103-2	8556806	8413703	8388692	8453067	1.07	cps
Scandium	45-1	15807029	15395769	15678765	15627188	1.35	cps
Scandium	45-2	316320	320679	318136	318378	0.69	cps
Selenium	82-1	3044	2707	3044	2932	6.63	cps
Selenium	77-2	53	67	37	52	28.78	cps
Selenium	78-2	213	197	200	203	4.34	cps
Silicon	28-1	60316252	62054191	59793754	60721399	1.95	cps
Silver	107-1	1453	1530	1427	1470	3.65	cps
Silver	109-1	1523	1530	1587	1547	2.25	cps
Sodium	23-2	89516639	89965672	89783172	89755161	0.25	cps
Strontium	86-1	198645	198884	197599	198376	0.34	cps
Strontium	88-1	1838106	1840823	1818420	1832450	0.67	cps
Sulfur	34-1	1150928	1117434	1140331	1136231	1.51	cps
Terbium	159-1	24434496	24769276	24696565	24633446	0.71	cps
Terbium	159-2	10513563	10387703	10530333	10477200	0.74	cps
Thallium	203-1	2464	2604	2680	2583	4.26	cps
Thallium	205-1	5931	6035	5791	5919	2.06	cps
Tin	118-1	18449	18733	19023	18735	1.53	cps
Titanium	47-1	13964	13610	14301	13958	2.47	cps
Uranium	238-1	2934	2870	2930	2911	1.22	cps

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	Q1538-01DL2X25	Instrumnet Name :	P8
Client Sample ID :	BELL-25-0004DL2	Dilution Factor :	25
Date & Time Acquired :	2025-03-17 17:13:33	DataFile Name :	041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	4057	4284	4047	4130	3.24	cps
Ytterbium	172-1	100	173	133	136	27.09	cps
Ytterbium	172-2	83	87	63	78	16.23	cps
Ytterbium	176-1	4181	4271	4267	4240	1.20	cps
Ytterbium	176-2	977	843	977	932	8.26	cps
Yttrium	89-1	37660047	38059532	37838893	37852824	0.53	cps
Yttrium	89-2	3327192	3414735	3356806	3366244	1.32	cps
Zinc	66-2	622059	620471	629067	623866	0.73	cps
Zirconium	90-1	7299	7542	7702	7514	2.70	cps
Zirconium	91-1	1627	1727	1610	1655	3.81	cps

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	CCV03	Instrumnet Name :	P8
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired :	2025-03-17 17:16:41	DataFile Name :	042CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9118968	9056839	9180074	9118627	0.68	cps
Antimony	121-1	17964423	18016206	17531966	17837531	1.49	cps
Arsenic	75-2	472327	468780	471878	470995	0.41	cps
Barium	135-1	21697051	22132550	21800562	21876721	1.04	cps
Barium	137-1	38168637	37860317	37664444	37897799	0.67	cps
Beryllium	9-1	6348074	6460406	6465302	6424594	1.03	cps
Bismuth	209-1	11338532	11324558	11317659	11326916	0.09	cps
Bismuth	209-2	6461787	6258464	6378428	6366226	1.61	cps
Bromine	81-1	130934	126518	122113	126521	3.49	cps
Cadmium	108-1	362062	355446	356001	357836	1.03	cps
Cadmium	106-1	509461	512366	517065	512964	0.75	cps
Cadmium	111-1	4802600	4851510	4684408	4779506	1.80	cps
Calcium	43-1	33171269	32989399	32456030	32872232	1.13	cps
Calcium	44-1	539038005	529779819	533053485	533957103	0.88	cps
Carbon	12-1	214393343	207399097	198785310	206859250	3.78	cps
Carbon	12-2	1257830	1268264	1240702	1255598	1.11	cps
Chlorine	35-1	582080	578057	573732	577956	0.72	cps
Chlorine	35-2	2730	2970	3110	2937	6.54	cps
Chromium	52-2	4805477	4766252	4695418	4755716	1.17	cps
Cobalt	59-2	8526168	8485153	8387166	8466162	0.84	cps
Copper	63-2	71388839	70018549	69833984	70413791	1.21	cps
Dysprosium	156-1	783	780	750	771	2.38	cps
Dysprosium	156-2	287	290	207	261	18.07	cps
Erbium	164-1	863	797	760	807	6.49	cps
Erbium	164-2	330	337	343	337	1.98	cps
Gadolinium	160-1	657	730	720	702	5.66	cps
Gadolinium	160-2	307	317	347	323	6.44	cps
Holmium	165-1	21549405	21502682	21781076	21611054	0.69	cps
Holmium	165-2	9872170	9903848	9972064	9916027	0.51	cps
Indium	115-1	18363869	17942713	18243006	18183196	1.19	cps
Indium	115-2	2480185	2479987	2524006	2494726	1.02	cps
Iron	54-2	49230166	49044353	49540236	49271585	0.51	cps
Iron	56-2	893738920	903536680	905819133	901031578	0.71	cps
Iron	57-2	22726815	22871261	23063583	22887220	0.74	cps
Krypton	83-1	687	613	660	653	5.68	cps
Lead	206-1	57836269	57691926	57536157	57688117	0.26	cps

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	CCV03	Instrumnet Name :	P8
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired :	2025-03-17 17:16:41	DataFile Name :	042CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	49351099	49984381	49382781	49572754	0.72	cps
Lead	208-1	225727417	228560942	228271837	227520065	0.69	cps
Lithium	6-1	7127771	7049249	7073215	7083412	0.57	cps
Magnesium	24-2	144681185	144427208	144632001	144580131	0.09	cps
Manganese	55-2	23275222	23340013	23688818	23434684	0.95	cps
Molybdenum	94-1	70070572	69790894	69405267	69755578	0.48	cps
Molybdenum	95-1	102031272	102295505	99982489	101436422	1.25	cps
Molybdenum	96-1	111195162	113021025	108986452	111067546	1.82	cps
Molybdenum	97-1	62831714	62556339	61784871	62390975	0.87	cps
Molybdenum	98-1	162839038	162098774	162598068	162511960	0.23	cps
Neodymium	150-1	1593	1557	1547	1566	1.57	cps
Neodymium	150-2	123	117	150	130	13.57	cps
Nickel	60-2	2614606	2575660	2601474	2597247	0.76	cps
Phosphorus	31-2	102921	101884	103210	102672	0.68	cps
Potassium	39-2	50497728	50151513	51092481	50580574	0.94	cps
Rhodium	103-1	17295551	17566178	17569793	17477174	0.90	cps
Rhodium	103-2	7540576	7459188	7446621	7482128	0.68	cps
Scandium	45-1	14513126	14264179	14437704	14405003	0.89	cps
Scandium	45-2	313978	314819	317023	315273	0.50	cps
Selenium	82-1	316362	316672	315510	316181	0.19	cps
Selenium	77-2	7385	7069	7369	7274	2.45	cps
Selenium	78-2	24244	24538	24191	24324	0.77	cps
Silicon	28-1	19595071	20353669	20608093	20185611	2.61	cps
Silver	107-1	24086660	23748499	24068858	23968005	0.79	cps
Silver	109-1	22642660	22618460	22376809	22545976	0.65	cps
Sodium	23-2	280222762	282089196	283555002	281955654	0.59	cps
Strontium	86-1	6418663	6358427	6377908	6385000	0.48	cps
Strontium	88-1	55282338	54639783	55463666	55128595	0.79	cps
Sulfur	34-1	2517022	2525493	2515792	2519436	0.21	cps
Terbium	159-1	22638821	22278891	22502211	22473307	0.81	cps
Terbium	159-2	9626920	9635825	9587302	9616682	0.27	cps
Thallium	203-1	14495946	14373314	14505328	14458196	0.51	cps
Thallium	205-1	34815074	34896548	34634134	34781919	0.39	cps
Tin	118-1	14400634	14360916	14496575	14419375	0.48	cps
Titanium	47-1	32341296	32701073	32887646	32643338	0.85	cps
Uranium	238-1	44021821	44911406	44507671	44480299	1.00	cps

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	CCV03	Instrumnet Name :	P8
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired :	2025-03-17 17:16:41	DataFile Name :	042CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	3688521	3752857	3727737	3723038	0.87	cps
Ytterbium	172-1	1157	1250	1110	1172	6.08	cps
Ytterbium	172-2	623	557	630	603	6.72	cps
Ytterbium	176-1	73061	74046	74539	73882	1.02	cps
Ytterbium	176-2	35107	34819	34823	34916	0.47	cps
Yttrium	89-1	35763068	35111470	35282322	35385620	0.95	cps
Yttrium	89-2	3302822	3277669	3260557	3280349	0.65	cps
Zinc	66-2	8375370	8432549	8369712	8392543	0.41	cps
Zirconium	90-1	35283090	34881464	34934370	35032975	0.62	cps
Zirconium	91-1	7791487	7950717	7758171	7833458	1.31	cps

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	CCB03	Instrumnet Name :	P8
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired :	2025-03-17 17:19:27	DataFile Name :	043CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	310	347	297	318	8.15	cps
Antimony	121-1	2820	2817	3214	2950	7.73	cps
Arsenic	75-2	103	140	130	124	15.23	cps
Barium	135-1	710	577	633	640	10.46	cps
Barium	137-1	1253	1083	1063	1133	9.21	cps
Beryllium	9-1	2742	2597	2509	2616	4.51	cps
Bismuth	209-1	13109254	13364116	13370956	13281442	1.12	cps
Bismuth	209-2	7348287	7381323	7374799	7368136	0.24	cps
Bromine	81-1	69983	66557	64350	66963	4.24	cps
Cadmium	108-1	100	83	63	82	22.33	cps
Cadmium	106-1	13684	13417	13447	13516	1.08	cps
Cadmium	111-1	9978	9763	9778	9840	1.22	cps
Calcium	43-1	2727	2467	2510	2568	5.43	cps
Calcium	44-1	117562	114645	114235	115481	1.57	cps
Carbon	12-1	177547537	174577097	171697377	174607337	1.68	cps
Carbon	12-2	1130314	1106955	1075993	1104421	2.47	cps
Chlorine	35-1	419968	412232	405988	412729	1.70	cps
Chlorine	35-2	2013	1990	2044	2016	1.33	cps
Chromium	52-2	1683	1707	1860	1750	5.48	cps
Cobalt	59-2	547	633	543	574	8.88	cps
Copper	63-2	9750	9380	9743	9624	2.20	cps
Dysprosium	156-1	43	57	50	50	13.34	cps
Dysprosium	156-2	7	17	3	9	78.08	cps
Erbium	164-1	107	143	137	129	15.15	cps
Erbium	164-2	67	47	33	49	34.32	cps
Gadolinium	160-1	227	217	203	216	5.43	cps
Gadolinium	160-2	43	70	40	51	32.17	cps
Holmium	165-1	22928275	22622830	23208468	22919858	1.28	cps
Holmium	165-2	10400014	10247661	10176397	10274691	1.11	cps
Indium	115-1	21176736	20571249	20756427	20834804	1.49	cps
Indium	115-2	2805969	2823884	2768138	2799330	1.02	cps
Iron	54-2	1490	1407	1477	1458	3.07	cps
Iron	56-2	21456	21770	21810	21679	0.89	cps
Iron	57-2	597	457	520	524	13.37	cps
Krypton	83-1	457	387	457	433	9.33	cps
Lead	206-1	5595	5471	5111	5392	4.66	cps

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	CCB03	Instrumnet Name :	P8
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired :	2025-03-17 17:19:27	DataFile Name :	043CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	5114	4751	4287	4718	8.79	cps
Lead	208-1	22725	21344	20220	21429	5.85	cps
Lithium	6-1	7855682	7791589	7653753	7767008	1.33	cps
Magnesium	24-2	3290	3414	3407	3370	2.06	cps
Manganese	55-2	2414	2374	2520	2436	3.11	cps
Molybdenum	94-1	5785	4864	4688	5112	11.52	cps
Molybdenum	95-1	7579	6118	6412	6703	11.53	cps
Molybdenum	96-1	7746	7275	6508	7176	8.70	cps
Molybdenum	97-1	4321	3737	3520	3859	10.72	cps
Molybdenum	98-1	11425	9180	9410	10005	12.35	cps
Neodymium	150-1	20	13	10	14	35.26	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	1743	1833	1823	1800	2.74	cps
Phosphorus	31-2	187	147	183	172	12.89	cps
Potassium	39-2	61246	61363	60399	61003	0.86	cps
Rhodium	103-1	20485964	20337321	20512085	20445123	0.46	cps
Rhodium	103-2	8671502	8591304	8376195	8546334	1.79	cps
Scandium	45-1	15047835	14856092	14982390	14962106	0.65	cps
Scandium	45-2	314316	317089	315330	315578	0.44	cps
Selenium	82-1	380	363	357	367	3.28	cps
Selenium	77-2	13	17	3	11	62.48	cps
Selenium	78-2	50	50	40	47	12.37	cps
Silicon	28-1	3876779	3686265	3657682	3740242	3.18	cps
Silver	107-1	2434	2237	1713	2128	17.49	cps
Silver	109-1	2287	1897	1547	1910	19.38	cps
Sodium	23-2	223092	221657	219262	221337	0.87	cps
Strontium	86-1	1050	927	847	941	10.88	cps
Strontium	88-1	1897	1707	1803	1802	5.27	cps
Sulfur	34-1	765777	763136	767570	765494	0.29	cps
Terbium	159-1	23641672	23455977	24043215	23713622	1.27	cps
Terbium	159-2	10348724	10133171	10062294	10181396	1.47	cps
Thallium	203-1	3144	2890	2850	2961	5.37	cps
Thallium	205-1	7329	6508	6412	6750	7.47	cps
Tin	118-1	4151	4214	4184	4183	0.76	cps
Titanium	47-1	1473	1117	1330	1307	13.74	cps
Uranium	238-1	2920	2724	2724	2789	4.07	cps

LB Number :	LB135062	Operator :	Jaswal
Lab Sample ID :	CCB03	Instrumnet Name :	P8
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired :	2025-03-17 17:19:27	DataFile Name :	043CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	147	123	143	138	9.16	cps
Ytterbium	172-1	73	87	107	89	18.88	cps
Ytterbium	172-2	37	57	20	38	48.60	cps
Ytterbium	176-1	3831	3821	3671	3774	2.38	cps
Ytterbium	176-2	767	927	893	862	9.79	cps
Yttrium	89-1	37525168	37057889	37395099	37326052	0.65	cps
Yttrium	89-2	3328091	3279483	3299576	3302383	0.74	cps
Zinc	66-2	1333	1393	1363	1363	2.20	cps
Zirconium	90-1	4321	4131	4445	4299	3.68	cps
Zirconium	91-1	843	843	877	854	2.25	cps