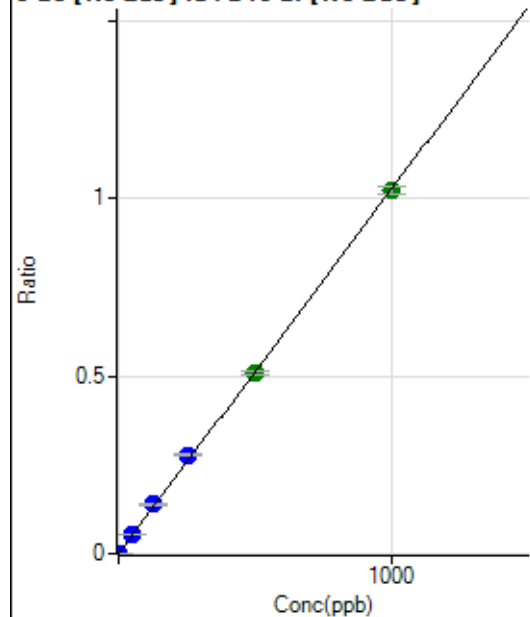


Batch Folder: D:\Agilent\ICPMH\1\DATA\P8052225MS.b\
Analysis File: P8052225MS.batch.bin
DA Date-Time: 2025-05-22 13:50:07
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2025-05-22 12:27:00
2	005CAL.S.d	S02	2025-05-22 12:30:23
3	007CALB.d	S03	2025-05-22 12:37:13
4	008CAL.S.d	S04	2025-05-22 12:41:56
5	009CAL.S.d	S05	2025-05-22 12:44:58
6	010CAL.S.d	S06	2025-05-22 12:48:00
7	011CAL.S.d	S07	2025-05-22 12:50:45
8	012CAL.S.d	S08	2025-05-22 12:53:32

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	110.41	0.0000	P	11.4
2	☐	1.000	1.173	4581.40	0.0012	P	1.8
3	☐	50.000	55.077	207018.37	0.0565	P	0.9
4	☐	125.000	134.636	498102.59	0.1380	P	1.2
5	☐	250.000	270.894	970571.77	0.2777	P	1.4
6	☐	500.000	495.451	1739260.86	0.5078	A	1.4
7	☐	1000.000	995.593	3342464.98	1.0204	A	2.1
8	☐			742.43	0.0002	P	14.7

$$y = 0.0010 * x + 2.9928E-005$$

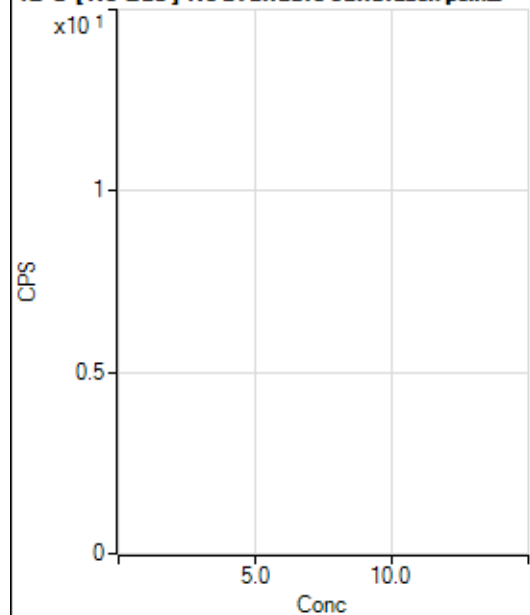
$$R = 0.9997$$

$$DL = 0.009967$$

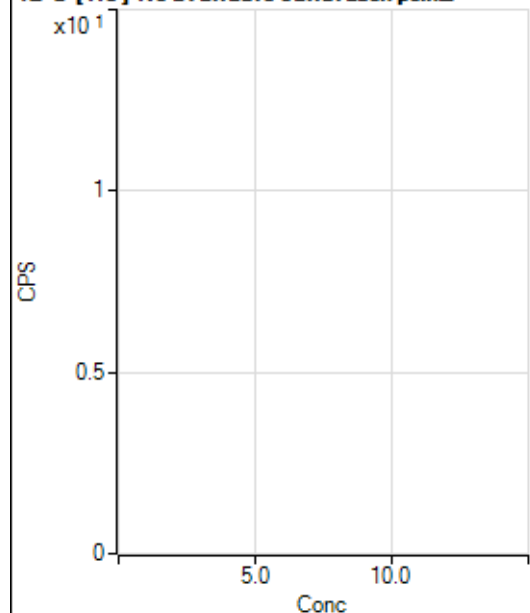
$$BEC = 0.0292$$

Weight: <None>

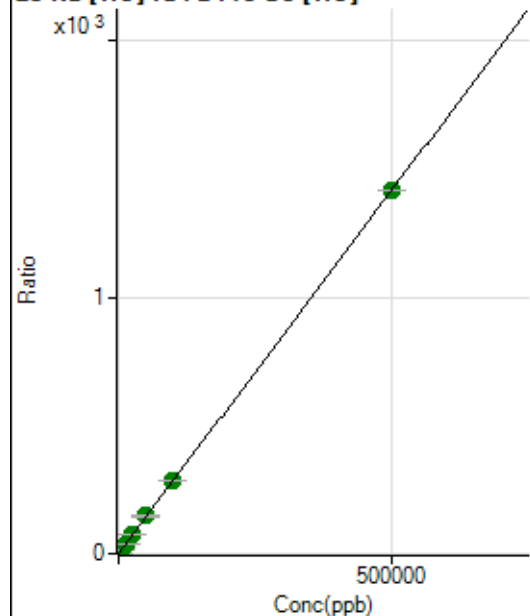
Min Conc: 0

12 C [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			2972438.95		A	0.7
2	☐			2846215.76		A	0.8
3	☐			2854414.61		A	0.7
4	☐			2796766.59		A	0.7
5	☐			2771297.29		A	0.2
6	☐			2786478.16		A	0.6
7	☐			2844401.41		A	1.1
8	☐			2535678.07		A	0.0

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			19597.56		P	1.8
2	☐			18940.09		P	1.6
3	☐			18892.23		P	2.1
4	☐			18829.92		P	0.6
5	☐			19082.49		P	1.9
6	☐			19326.13		P	1.1
7	☐			20453.22		P	0.7
8	☐			22195.71		P	0.5

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	29251.57	0.2439	P	1.5
2	☐	500.000	522.913	212166.57	1.7253	P	0.6
3	☐	5000.000	5172.675	1782475.57	14.8977	A	2.0
4	☐	12500.000	12779.849	4226019.69	36.4482	A	1.9
5	☐	25000.000	25969.519	8434730.57	73.8136	A	0.6
6	☐	50000.000	51862.316	16227749.06	147.1659	A	3.0
7	☐	100000.00	100566.31	31342938.70	285.1406	A	0.8
8	☐	500000.00	499643.28	145081634.5	1,415.695	A	0.1

$$y = 0.0028 * x + 0.2439$$

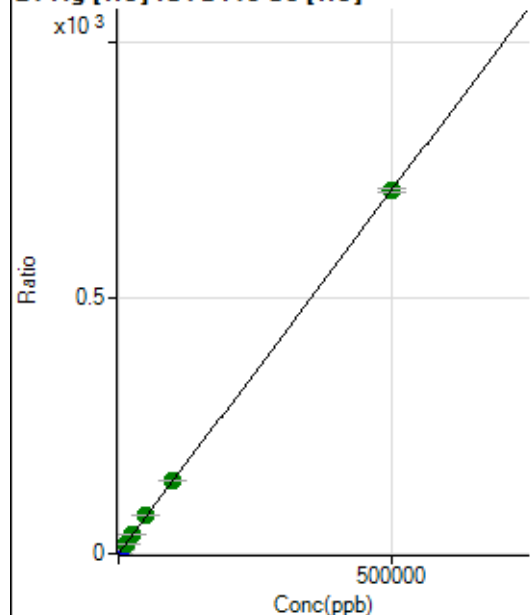
$$R = 1.0000$$

$$DL = 3.962$$

$$BEC = 86.09$$

Weight: <None>

Min Conc: 0

24 Mg [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	812.26	0.0068	P	7.7
2	☐	500.000	540.445	95113.03	0.7734	P	0.9
3	☐	5000.000	5320.933	903844.52	7.5546	P	0.5
4	☐	12500.000	12978.501	2135400.61	18.4169	A	1.1
5	☐	25000.000	25803.868	4183484.87	36.6099	A	1.6
6	☐	50000.000	52265.904	8176559.53	74.1466	A	0.7
7	☐	100000.00	101174.85	15775133.79	143.5246	A	1.2
8	☐	500000.00	499483.03	72610113.36	708.5300	A	1.0

$$y = 0.0014 * x + 0.0068$$

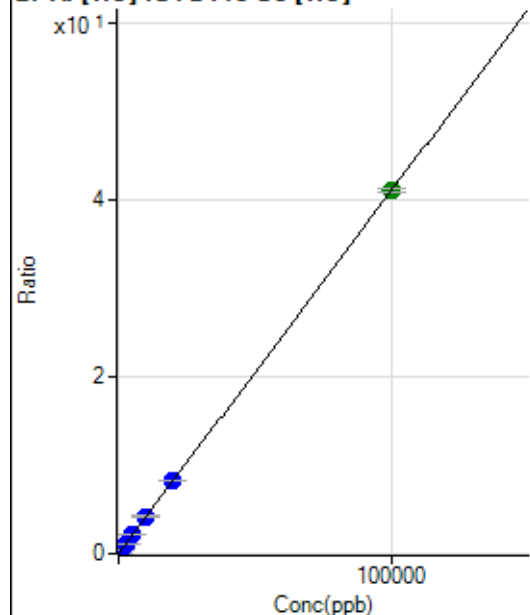
$$R = 1.0000$$

$$DL = 1.107$$

$$BEC = 4.774$$

Weight: <None>

Min Conc: 0

27 Al [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	120.00	0.0010	P	16.0
2	☐	20.000	21.251	1195.62	0.0097	P	5.8
3	☐	1000.000	1022.523	50337.89	0.4207	P	0.5
4	☐	2500.000	2566.397	122261.11	1.0545	P	0.8
5	☐	5000.000	5149.817	241671.53	2.1149	P	0.3
6	☐	10000.000	10315.977	467062.47	4.2356	P	1.6
7	☐	20000.000	20197.798	911400.67	8.2919	P	1.2
8	☐	100000.00	99919.466	4203337.23	41.0166	A	1.0

$$y = 4.1049E-004 * x + 0.0010$$

$$R = 1.0000$$

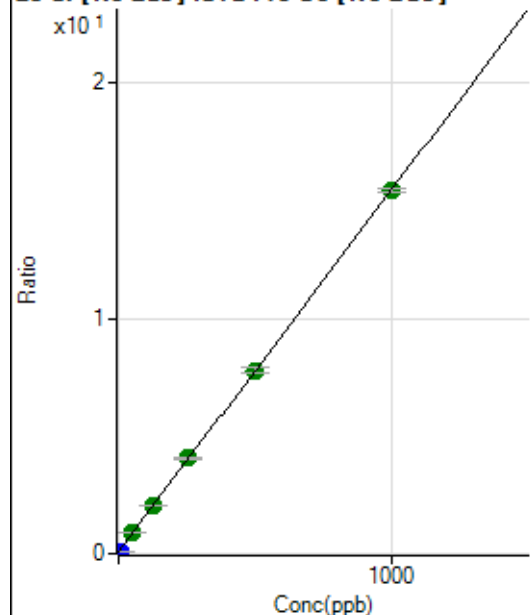
$$DL = 1.169$$

$$BEC = 2.439$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	576126.20	0.0914	P	2.7
2	☐	10.000	0.569	637293.25	0.1001	P	3.4
3	☐	50.000	51.195	5631939.98	0.8788	A	1.1
4	☐	125.000	127.041	12680887.31	2.0454	A	1.8
5	☐	250.000	257.394	24005340.75	4.0503	A	0.6
6	☐	500.000	501.743	45691034.32	7.8085	A	2.8
7	☐	1000.000	997.059	87928838.69	15.4269	A	1.0
8	☐			609520.03	0.1112	P	5.3

$$y = 0.0154 * x + 0.0914$$

$$R = 0.9999$$

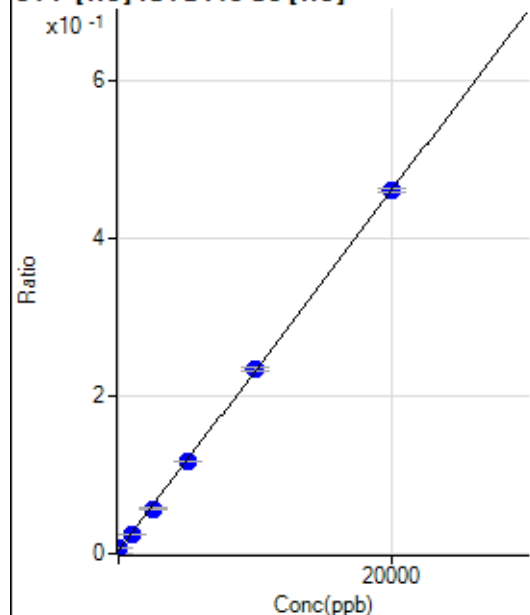
$$DL = 0.4772$$

$$BEC = 5.94$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-142.395	63.34	0.0005	P	8.9
2	☐	0.000	142.395	865.59	0.0070	P	5.1
3	☐	1000.000	906.599	2932.55	0.0245	P	0.6
4	☐	2500.000	2325.213	6602.68	0.0569	P	1.6
5	☐	5000.000	4969.916	13416.28	0.1174	P	1.2
6	☐	10000.000	10104.846	25893.17	0.2348	P	2.0
7	☐	20000.000	19981.617	50627.92	0.4606	P	1.2
8	☐			83.33	0.0008	P	24.9

$$y = 2.2863E-005 * x + 0.0038$$

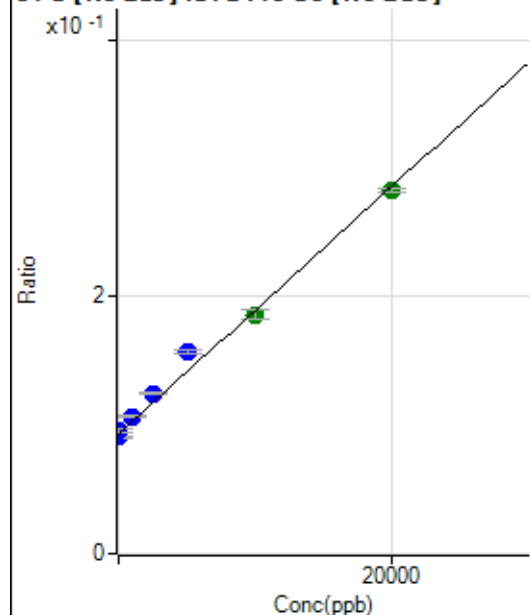
$$R = 0.9999$$

$$DL = 26.5$$

$$BEC = 165.5$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-229.623	574497.69	0.0911	P	1.1
2	☐	0.000	229.623	608133.90	0.0955	P	2.7
3	☐	1000.000	1391.570	683965.66	0.1067	P	0.7
4	☐	2500.000	3261.171	773404.98	0.1247	P	1.5
5	☐	5000.000	6708.474	935979.87	0.1580	P	1.9
6	☐	10000.000	9652.408	1090173.08	0.1863	A	3.6
7	☐	20000.000	19631.953	1610157.23	0.2825	A	1.2
8	☐			491381.87	0.0897	P	1.0

$$y = 9.6366\text{E-}006 * x + 0.0933$$

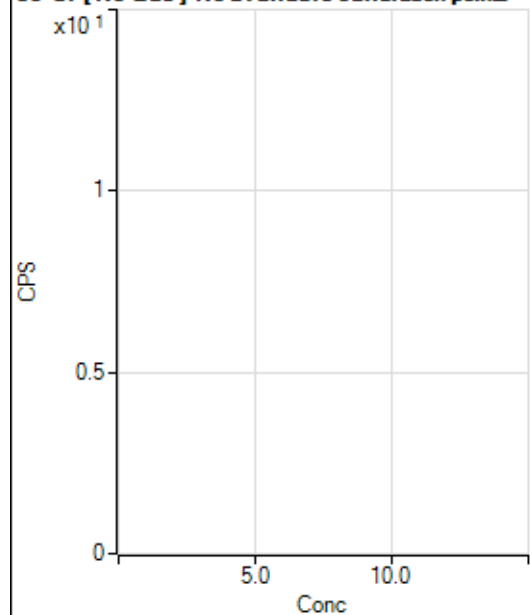
$$R = 0.9951$$

$$DL = 561$$

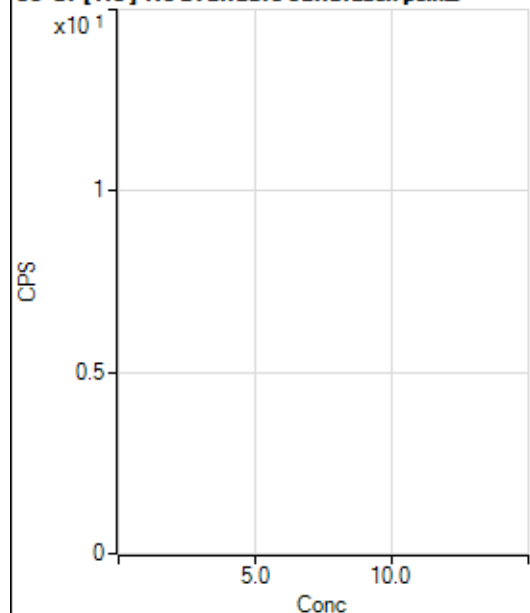
$$BEC = 9683$$

Weight: <None>

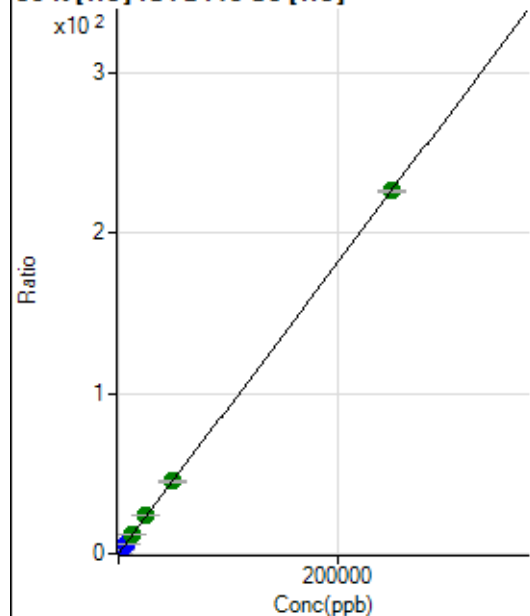
Min Conc: 0

35 Cl [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			108434.32		P	0.2
2	☐			109859.34		P	0.3
3	☐			129177.45		P	0.4
4	☐			129423.23		P	0.8
5	☐			131647.64		P	1.2
6	☐			140148.26		P	1.2
7	☐			161539.18		P	1.8
8	☐			120982.46		P	0.2

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			411.12		P	10.1
2	☐			450.01		P	0.0
3	☐			447.79		P	8.4
4	☐			472.24		P	11.2
5	☐			477.79		P	7.5
6	☐			517.79		P	16.9
7	☐			655.58		P	4.9
8	☐			414.45		P	8.8

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	14753.18	0.1230	P	1.1
2	☐	500.000	518.599	72838.09	0.5923	P	0.6
3	☐	2500.000	2592.376	295373.93	2.4689	P	0.6
4	☐	6250.000	6426.012	688484.31	5.9379	P	0.9
5	☐	12500.000	12815.037	1339192.35	11.7194	A	1.1
6	☐	25000.000	26015.472	2609627.36	23.6645	A	0.9
7	☐	50000.000	49777.367	4964400.41	45.1668	A	1.2
8	☐	250000.00	249921.86	23189227.99	226.2787	A	0.2

$$y = 9.0491\text{E-}004 * x + 0.1230$$

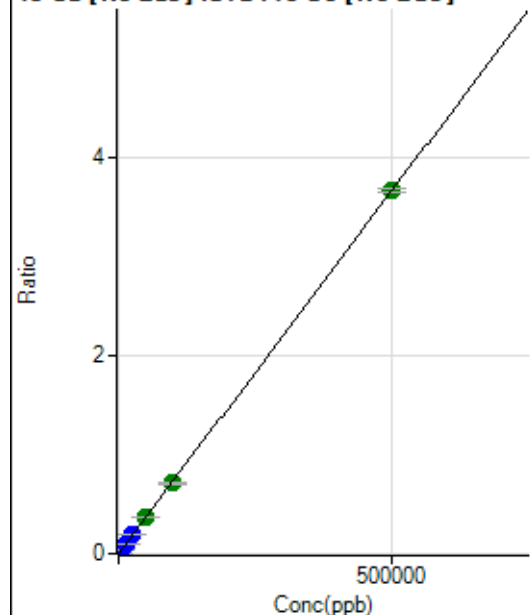
$$R = 1.0000$$

$$DL = 4.295$$

$$BEC = 135.9$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1243.40	0.0002	P	8.4
2	☐	500.000	512.577	25103.06	0.0039	P	1.5
3	☐	5000.000	5023.190	236465.02	0.0369	P	0.9
4	☐	12500.000	12458.056	565554.10	0.0912	P	1.4
5	☐	25000.000	25777.153	1117157.66	0.1885	P	1.4
6	☐	50000.000	50065.659	2141426.05	0.3660	A	3.0
7	☐	100000.00	97329.516	4054334.66	0.7113	A	2.9
8	☐	500000.00	500489.47	20035887.76	3.6568	A	0.9

$$y = 7.3060\text{E-}006 * x + 1.9735\text{E-}004$$

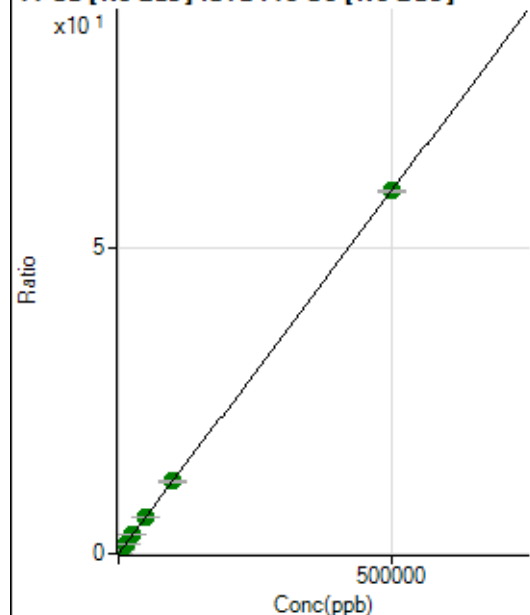
$$R = 1.0000$$

$$DL = 6.793$$

$$BEC = 27.01$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	35659.75	0.0057	P	2.3
2	☐	500.000	518.234	428324.38	0.0673	P	2.4
3	☐	5000.000	4984.035	3834201.64	0.5983	A	1.4
4	☐	12500.000	12321.343	9118751.67	1.4707	A	1.3
5	☐	25000.000	25600.540	18070755.70	3.0496	A	1.8
6	☐	50000.000	50259.931	35003045.87	5.9817	A	2.5
7	☐	100000.00	99374.884	67382906.22	11.8216	A	2.1
8	☐	500000.00	500073.61	325856892.9	59.4658	A	0.8

$$y = 1.1890\text{E-}004 * x + 0.0057$$

$$R = 1.0000$$

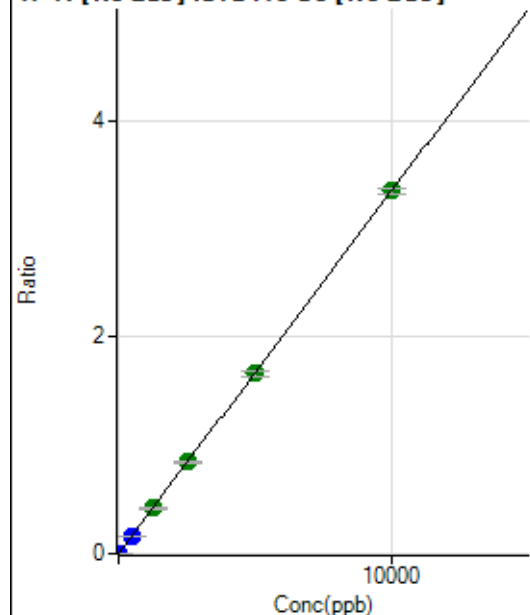
$$DL = 3.325$$

$$BEC = 47.56$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	208.89	0.0000	P	8.7
2	☐	5.000	5.460	11840.53	0.0019	P	4.1
3	☐	500.000	501.268	1075321.21	0.1678	P	0.9
4	☐	1250.000	1251.744	2597239.27	0.4189	A	2.2
5	☐	2500.000	2535.066	5026963.54	0.8484	A	2.4
6	☐	5000.000	4975.029	9741837.84	1.6650	A	3.3
7	☐	10000.000	10003.437	19082177.49	3.3478	A	1.4
8	☐			2099.07	0.0004	P	4.3

$$y = 3.3466\text{E-}004 * x + 3.3084\text{E-}005$$

$$R = 1.0000$$

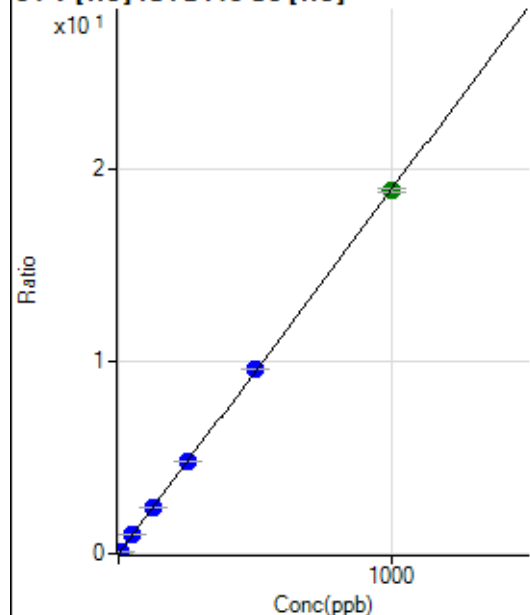
$$DL = 0.02586$$

$$BEC = 0.09886$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	13.33	0.0001	P	66.3
2	☐	5.000	5.251	12244.20	0.0996	P	2.5
3	☐	50.000	50.840	115203.63	0.9629	P	0.4
4	☐	125.000	124.999	274485.09	2.3674	P	0.5
5	☐	250.000	252.089	545540.09	4.7742	P	0.7
6	☐	500.000	506.493	1057778.47	9.5921	P	0.6
7	☐	1000.000	996.188	2073782.47	18.8660	A	1.0
8	☐			513.35	0.0050	P	1.7

$$y = 0.0189 * x + 1.1121\text{E-}004$$

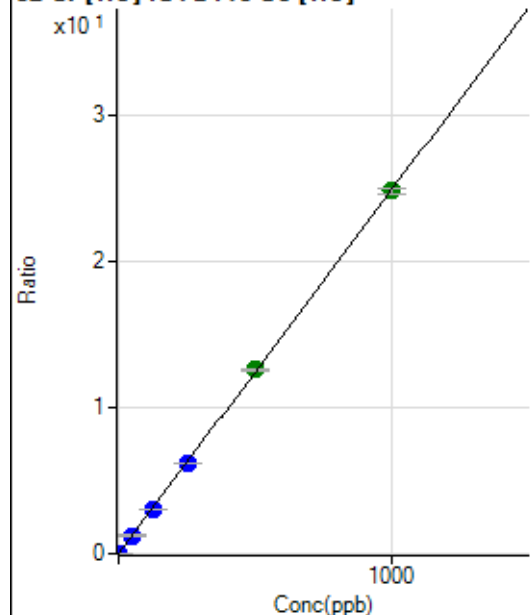
$$R = 1.0000$$

$$DL = 0.01169$$

$$BEC = 0.005872$$

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	864.48	0.0072	P	7.2
2	☐	2.000	2.041	7131.84	0.0580	P	1.0
3	☐	50.000	49.897	149416.64	1.2489	P	0.7
4	☐	125.000	123.529	357254.30	3.0812	P	0.4
5	☐	250.000	249.501	710301.69	6.2160	P	0.4
6	☐	500.000	504.990	1386574.98	12.5738	A	1.0
7	☐	1000.000	997.818	2729817.01	24.8378	A	1.9
8	☐			3981.70	0.0389	P	1.6

$$y = 0.0249 * x + 0.0072$$

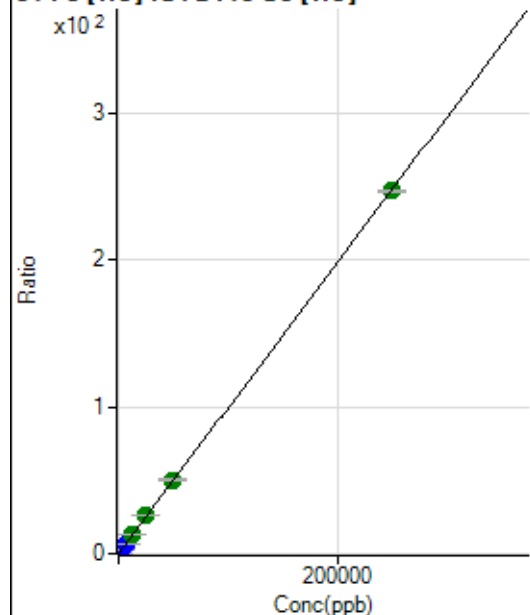
$$R = 1.0000$$

$$DL = 0.06254$$

$$BEC = 0.2897$$

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	620.02	0.0052	P	1.1
2	☐	50.000	55.944	7454.22	0.0606	P	1.3
3	☐	2500.000	2613.096	310458.94	2.5950	P	1.7
4	☐	6250.000	6457.375	742637.43	6.4051	P	1.3
5	☐	12500.000	13236.107	1499626.35	13.1235	A	0.2
6	☐	25000.000	26425.404	2888594.64	26.1955	A	1.9
7	☐	50000.000	50895.037	5545107.42	50.4474	A	0.3
8	☐	250000.00	249635.33	25356043.79	247.4195	A	0.8

$$y = 9.9110E-004 * x + 0.0052$$

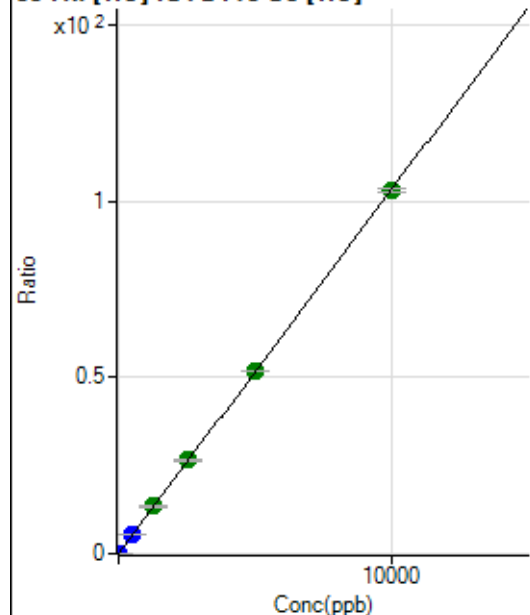
$$R = 1.0000$$

$$DL = 0.1683$$

$$BEC = 5.215$$

Weight: <None>

Min Conc: 0

55 Mn [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1016.71	0.0085	P	6.8
2	☐	1.000	1.049	2376.89	0.0193	P	4.6
3	☐	500.000	511.357	633863.77	5.2981	P	0.4
4	☐	1250.000	1297.345	1556963.55	13.4285	A	1.8
5	☐	2500.000	2569.104	3037674.78	26.5839	A	1.0
6	☐	5000.000	5023.223	5731020.89	51.9698	A	0.7
7	☐	10000.000	9964.627	11330316.91	103.0848	A	1.0
8	☐			4849.77	0.0473	P	3.6

$$y = 0.0103 * x + 0.0085$$

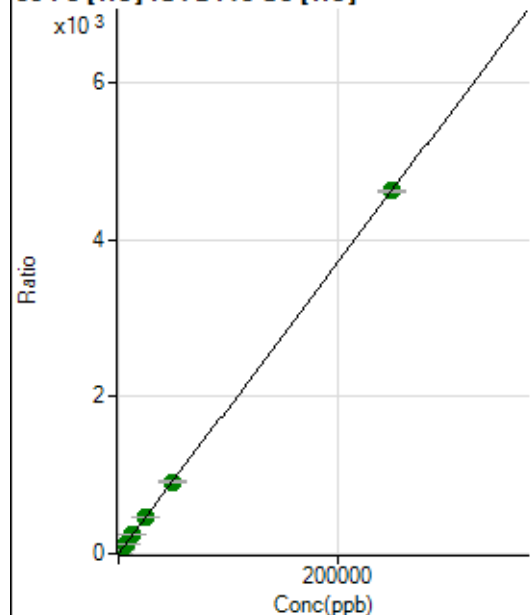
$$R = 1.0000$$

$$DL = 0.1663$$

$$BEC = 0.8193$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	8179.08	0.0682	P	2.2
2	☐	50.000	53.228	129381.21	1.0521	P	1.5
3	☐	2500.000	2589.098	5734169.85	47.9277	A	2.2
4	☐	6250.000	6436.571	13803001.04	119.0483	A	1.4
5	☐	12500.000	12847.602	27145539.04	237.5563	A	0.4
6	☐	25000.000	25599.127	52188692.55	473.2685	A	1.4
7	☐	50000.000	49419.449	100401075.1	913.5875	A	3.0
8	☐	250000.00	250033.26	473660410.7	4,621.937	A	0.7

$$y = 0.0185 * x + 0.0682$$

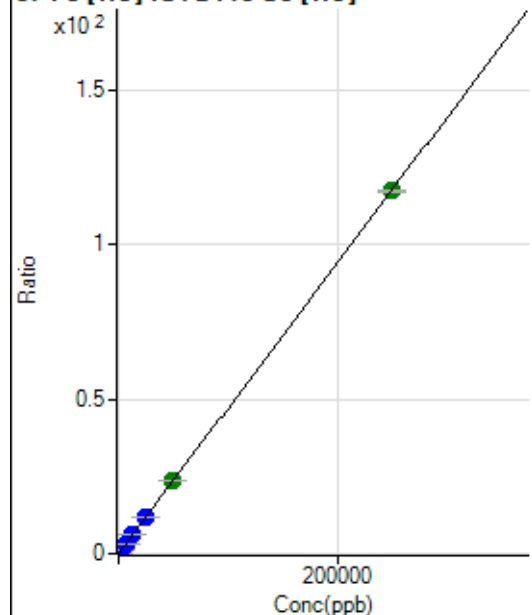
$$R = 1.0000$$

$$DL = 0.2394$$

$$BEC = 3.689$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	236.68	0.0020	P	6.8
2	☐	50.000	51.474	3211.51	0.0261	P	0.4
3	☐	2500.000	2558.039	143770.11	1.2017	P	0.8
4	☐	6250.000	6315.675	343665.85	2.9640	P	0.6
5	☐	12500.000	12628.496	677018.03	5.9247	P	0.6
6	☐	25000.000	25164.176	1301637.40	11.8038	P	1.3
7	☐	50000.000	50412.848	2599178.87	23.6453	A	0.8
8	☐	250000.00	249892.36	12010631.77	117.2001	A	0.5

$$y = 4.6899\text{E-}004 * x + 0.0020$$

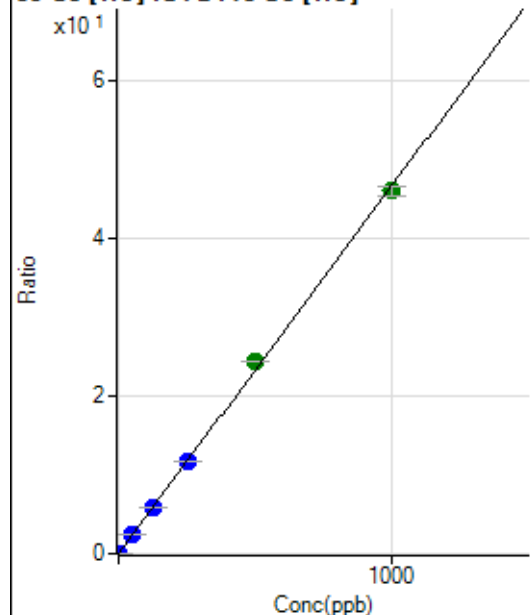
$$R = 1.0000$$

$$DL = 0.8624$$

$$BEC = 4.208$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	42.22	0.0004	P	11.6
2	☐	1.000	1.091	6299.23	0.0512	P	0.8
3	☐	50.000	51.475	287085.03	2.3995	P	0.6
4	☐	125.000	126.593	684156.57	5.9007	P	0.5
5	☐	250.000	252.790	1346369.51	11.7825	P	0.8
6	☐	500.000	523.196	2689250.20	24.3858	A	0.4
7	☐	1000.000	987.431	5058093.57	46.0232	A	2.3
8	☐			5710.09	0.0557	P	1.2

$$y = 0.0466 * x + 3.5188\text{E-}004$$

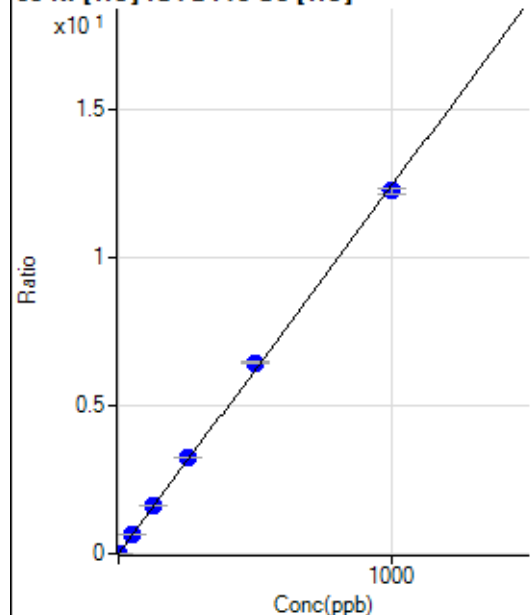
$$R = 0.9996$$

$$DL = 0.002618$$

$$BEC = 0.00755$$

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	242.23	0.0020	P	5.9
2	☐	1.000	0.984	1753.45	0.0143	P	3.5
3	☐	50.000	53.676	80108.02	0.6696	P	0.8
4	☐	125.000	131.464	189798.92	1.6370	P	0.2
5	☐	250.000	262.671	373515.42	3.2687	P	0.2
6	☐	500.000	518.648	711507.80	6.4521	P	1.2
7	☐	1000.000	986.517	1348687.26	12.2708	P	1.4
8	☐			3353.75	0.0327	P	2.4

$$y = 0.0124 * x + 0.0020$$

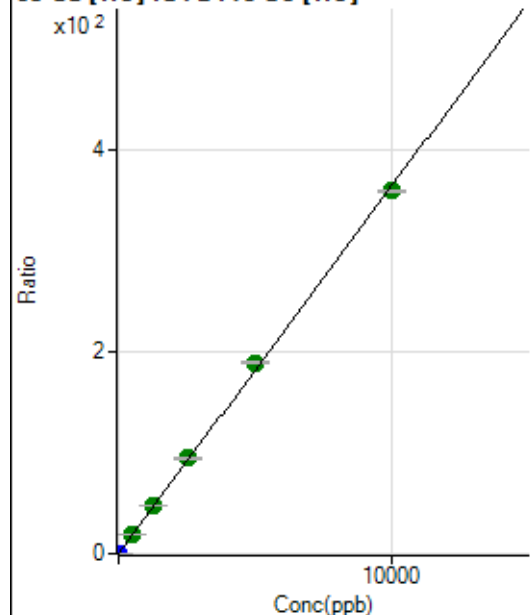
$$R = 0.9996$$

$$DL = 0.02896$$

$$BEC = 0.1623$$

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	2285.77	0.0191	P	1.1
2	☐	2.000	2.074	11633.73	0.0946	P	1.4
3	☐	500.000	537.009	2342833.45	19.5821	A	1.1
4	☐	1250.000	1305.595	5516830.89	47.5813	A	0.7
5	☐	2500.000	2595.895	10808161.64	94.5863	A	0.9
6	☐	5000.000	5184.669	20831375.94	188.8941	A	0.9
7	☐	10000.000	9874.892	39543063.30	359.7567	A	0.7
8	☐			6638.28	0.0648	P	0.9

$$y = 0.0364 * x + 0.0191$$

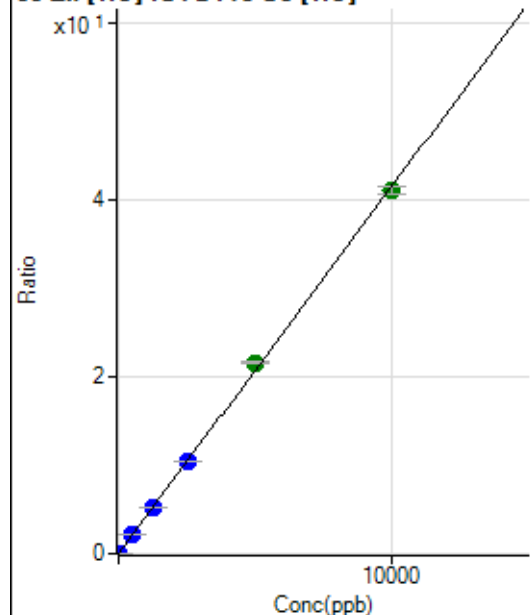
$$R = 0.9997$$

$$DL = 0.01655$$

$$BEC = 0.5231$$

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	568.91	0.0047	P	4.4
2	☐	2.000	5.157	3209.29	0.0261	P	2.8
3	☐	500.000	514.161	255291.82	2.1338	P	0.4
4	☐	1250.000	1266.178	608466.33	5.2478	P	0.4
5	☐	2500.000	2529.224	1197312.17	10.4779	P	0.1
6	☐	5000.000	5207.394	2378403.28	21.5679	A	0.9
7	☐	10000.000	9886.266	4499761.53	40.9425	A	2.1
8	☐			18989.49	0.1853	P	1.2

$$y = 0.0041 * x + 0.0047$$

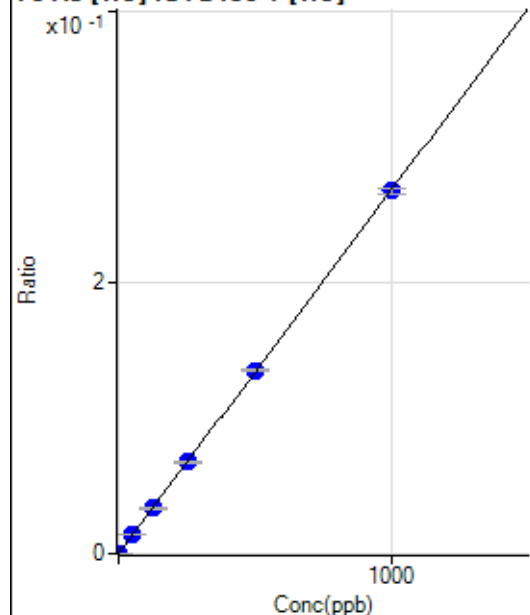
$$R = 0.9997$$

$$DL = 0.1528$$

$$BEC = 1.145$$

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	7.78	0.0000	P	25.2
2	☐	1.000	0.961	344.45	0.0003	P	9.5
3	☐	50.000	50.646	17457.60	0.0136	P	1.7
4	☐	125.000	125.196	41616.83	0.0336	P	1.9
5	☐	250.000	251.301	82416.99	0.0675	P	1.6
6	☐	500.000	504.276	159488.68	0.1354	P	1.1
7	☐	1000.000	997.480	308937.66	0.2678	P	1.3
8	☐			125.56	0.0001	P	8.7

$$y = 2.6844E-004 * x + 6.0688E-006$$

$$R = 1.0000$$

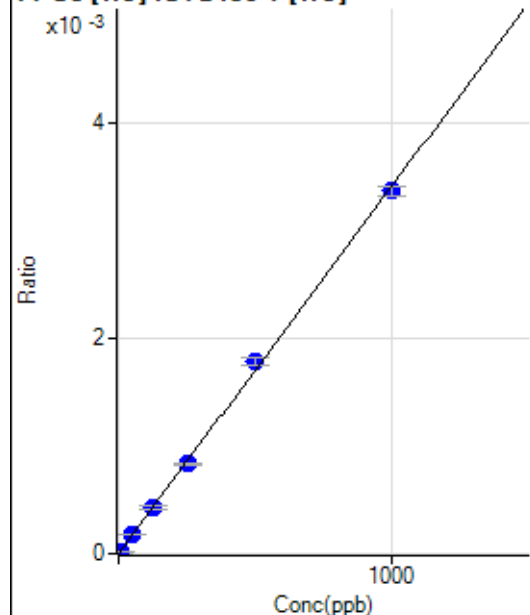
$$DL = 0.01708$$

$$BEC = 0.02261$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.
2	☐	5.000	3.745	17.78	0.0000	P	38.7
3	☐	50.000	51.096	224.45	0.0002	P	3.9
4	☐	125.000	125.446	530.02	0.0004	P	4.3
5	☐	250.000	244.879	1020.05	0.0008	P	2.5
6	☐	500.000	525.190	2107.96	0.0018	P	4.3
7	☐	1000.000	988.581	3885.02	0.0034	P	2.7
8	☐			0.00	0.0000	P	

$$y = 3.4058\text{E-}006 * x + 8.5971\text{E-}007$$

$$R = 0.9995$$

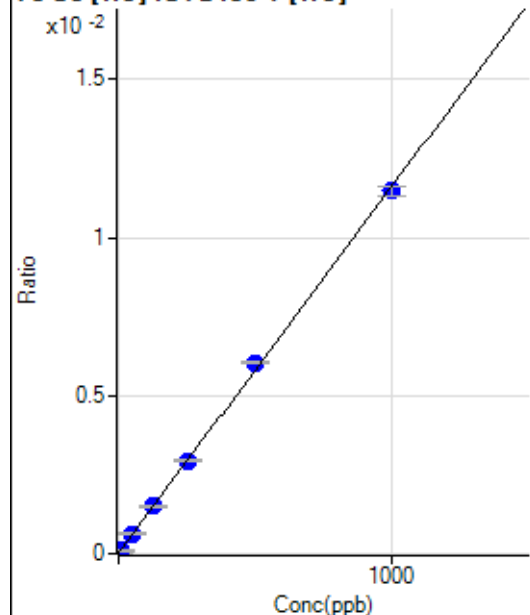
$$DL = 1.312$$

$$BEC = 0.2524$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	23.33	0.0000	P	14.2
2	☐	5.000	6.509	122.22	0.0001	P	27.2
3	☐	50.000	52.985	811.14	0.0006	P	9.3
4	☐	125.000	127.626	1853.47	0.0015	P	2.6
5	☐	250.000	252.909	3601.61	0.0029	P	3.4
6	☐	500.000	519.709	7115.19	0.0060	P	0.5
7	☐	1000.000	988.933	13237.41	0.0115	P	3.0
8	☐			35.56	0.0000	P	46.6

$$y = 1.1585\text{E-}005 * x + 1.8186\text{E-}005$$

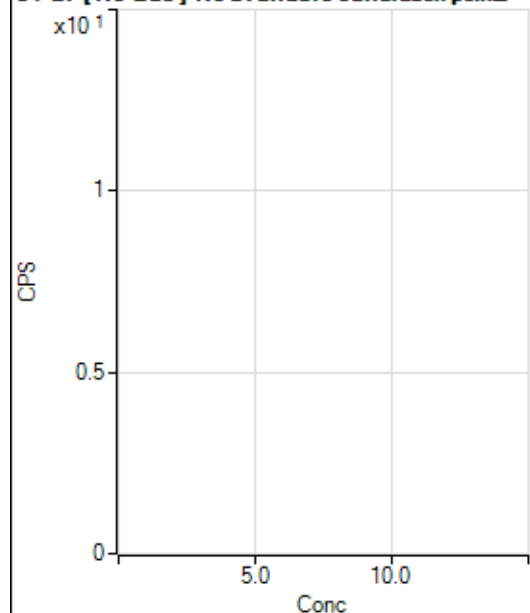
$$R = 0.9997$$

$$DL = 0.6679$$

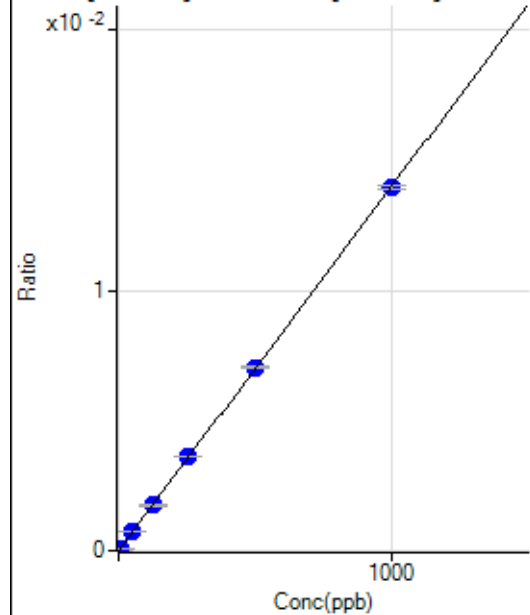
$$BEC = 1.57$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			22010.68		P	1.6
2	☐			22538.15		P	1.0
3	☐			22643.87		P	1.2
4	☐			21306.29		P	1.5
5	☐			20990.30		P	0.6
6	☐			20436.08		P	1.7
7	☐			20495.06		P	2.7
8	☐			20233.58		P	2.0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	32.22	0.0000	P	68.8
2	☐	5.000	5.293	1302.32	0.0001	P	5.6
3	☐	50.000	52.099	12570.36	0.0007	P	2.7
4	☐	125.000	124.468	29943.62	0.0017	P	1.7
5	☐	250.000	257.328	60205.12	0.0036	P	0.9
6	☐	500.000	503.654	114760.10	0.0070	P	0.7
7	☐	1000.000	996.301	221319.24	0.0139	P	1.2
8	☐			225.56	0.0000	P	34.2

$$y = 1.3985E-005 * x + 1.9175E-006$$

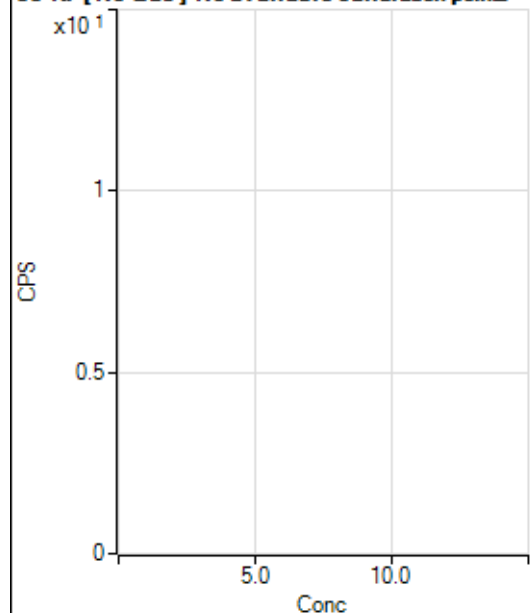
$$R = 1.0000$$

$$DL = 0.283$$

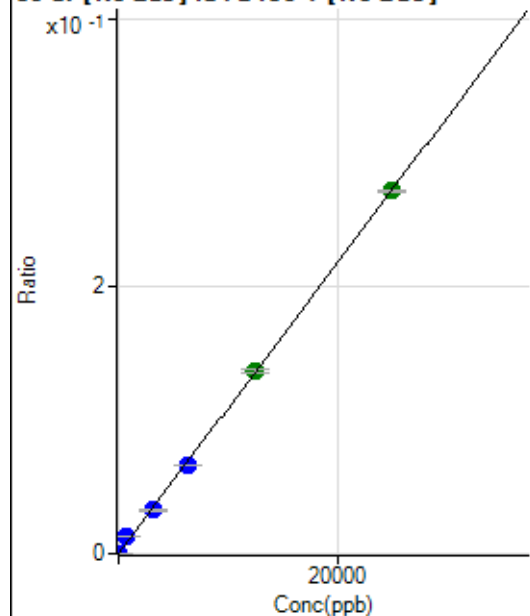
$$BEC = 0.1371$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			181.11		P	9.4
2	☐			218.89		P	8.9
3	☐			223.34		P	9.1
4	☐			208.89		P	14.5
5	☐			214.45		P	7.0
6	☐			233.34		P	16.5
7	☐			245.56		P	8.2
8	☐			245.56		P	13.4

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	383.34	0.0000	P	15.6
2	☐	1.000	25.856	5213.26	0.0003	P	1.2
3	☐	625.000	1232.122	230773.37	0.0134	P	1.4
4	☐	3125.000	2980.653	556841.93	0.0324	P	2.3
5	☐	6250.000	6118.676	1112013.37	0.0665	P	0.9
6	☐	12500.000	12590.450	2228483.20	0.1368	A	1.5
7	☐	25000.000	24990.470	4313032.92	0.2716	A	0.8
8	☐			14207.32	0.0009	P	2.5

$$y = 1.0865E-005 * x + 2.2871E-005$$

$$R = 0.9996$$

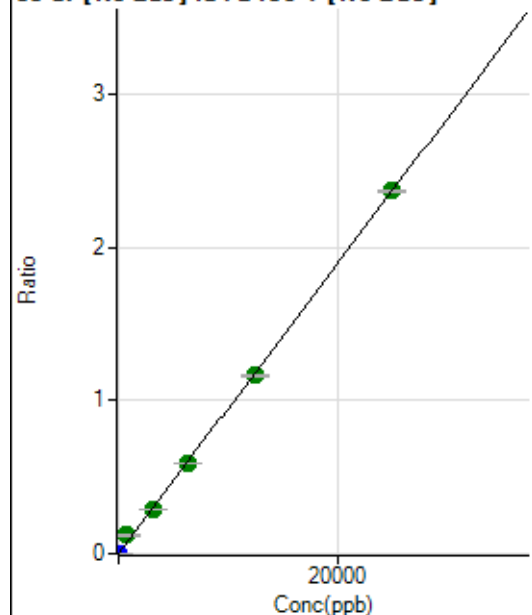
$$DL = 0.9858$$

$$BEC = 2.105$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	480.01	0.0000	P	10.6
2	☐	1.000	25.863	42384.13	0.0025	P	1.3
3	☐	625.000	1268.748	2061877.28	0.1198	A	1.8
4	☐	3125.000	3051.846	4951288.71	0.2882	A	2.2
5	☐	6250.000	6269.183	9898060.61	0.5919	A	1.2
6	☐	12500.000	12345.231	18987850.41	1.1656	A	1.0
7	☐	25000.000	25065.638	37592273.33	2.3666	A	0.5
8	☐			123606.79	0.0081	P	1.7

$$y = 9.4414\text{E-}005 * x + 2.8626\text{E-}005$$

$$R = 0.9996$$

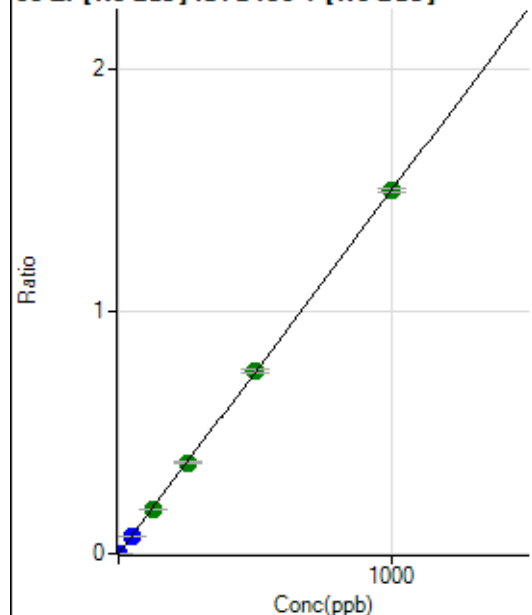
$$DL = 0.09615$$

$$BEC = 0.3032$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	857.81	0.0001	P	6.5
2	☐	1.000	1.068	28335.47	0.0017	P	2.6
3	☐	50.000	48.836	1260790.24	0.0733	P	1.3
4	☐	125.000	122.822	3164806.62	0.1842	A	1.4
5	☐	250.000	251.119	6295129.77	0.3765	A	2.4
6	☐	500.000	502.409	12267521.76	0.7532	A	1.6
7	☐	1000.000	998.846	23785941.04	1.4974	A	1.1
8	☐			19498.18	0.0013	P	3.4

$$y = 0.0015 * x + 5.1151\text{E-}005$$

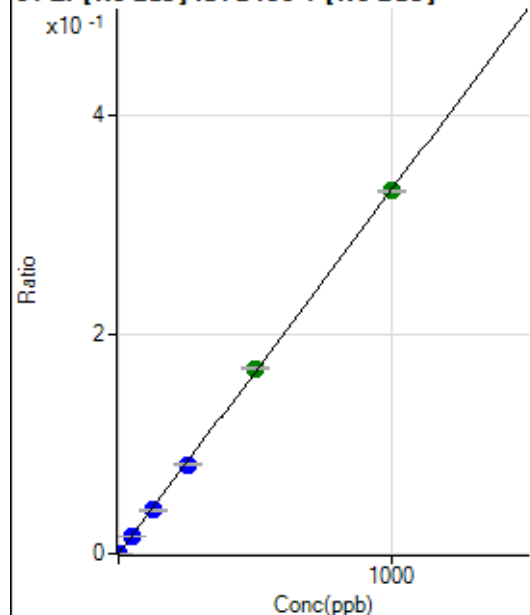
$$R = 1.0000$$

$$DL = 0.00666$$

$$BEC = 0.03412$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	146.67	0.0000	P	8.4
2	☐	1.000	1.079	6283.69	0.0004	P	3.8
3	☐	50.000	49.446	282183.26	0.0164	P	0.4
4	☐	125.000	119.997	683467.75	0.0398	P	2.9
5	☐	250.000	244.999	1357965.95	0.0812	P	1.1
6	☐	500.000	508.675	2746143.47	0.1686	A	1.1
7	☐	1000.000	997.565	5251909.37	0.3306	A	0.6
8	☐			4335.16	0.0003	P	4.7

$$y = 3.3144\text{E-}004 * x + 8.7471\text{E-}006$$

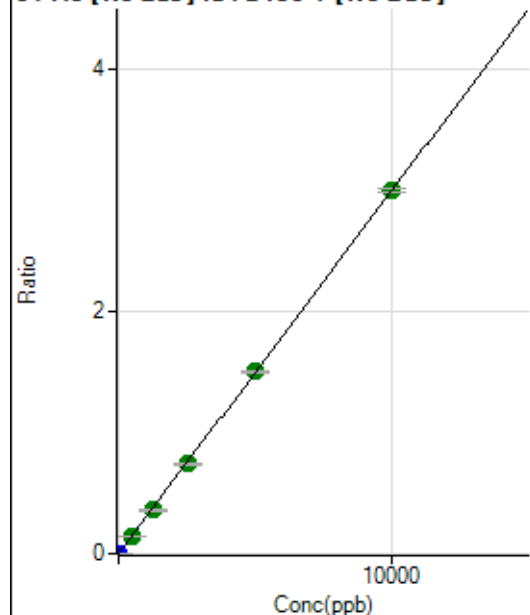
$$R = 0.9999$$

$$DL = 0.006625$$

$$BEC = 0.02639$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	360.01	0.0000	P	5.5
2	☐	5.000	6.192	32123.77	0.0019	P	0.6
3	☐	500.000	499.485	2569622.65	0.1493	A	0.8
4	☐	1250.000	1198.279	6153816.51	0.3582	A	2.9
5	☐	2500.000	2476.397	12376901.76	0.7402	A	1.0
6	☐	5000.000	5018.053	24428439.64	1.4999	A	1.4
7	☐	10000.000	10003.365	47491548.74	2.9899	A	1.1
8	☐			12373.37	0.0008	P	5.6

$$y = 2.9889\text{E-}004 * x + 2.1470\text{E-}005$$

$$R = 1.0000$$

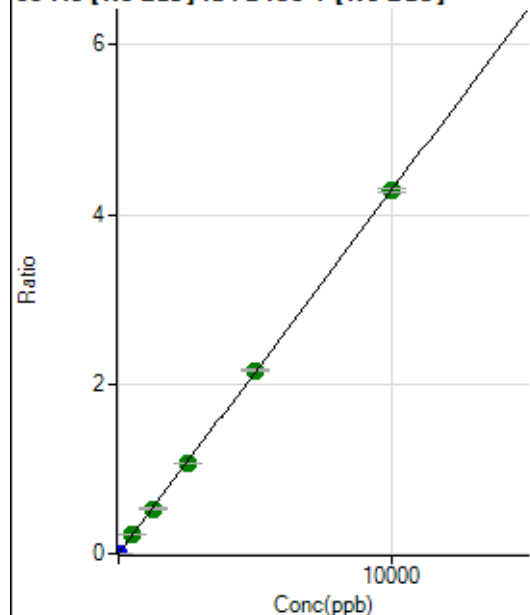
$$DL = 0.01189$$

$$BEC = 0.07183$$

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	131.11	0.0000	P	22.3
2	☐	5.000	5.130	37832.46	0.0022	P	2.5
3	☐	500.000	509.352	3755384.18	0.2182	A	0.9
4	☐	1250.000	1228.206	9040486.05	0.5262	A	2.5
5	☐	2500.000	2480.715	17771219.32	1.0627	A	1.0
6	☐	5000.000	5047.692	35218387.53	2.1624	A	1.5
7	☐	10000.000	9983.232	67925223.43	4.2767	A	1.2
8	☐			8800.67	0.0006	P	11.0

$$y = 4.2839\text{E-}004 * x + 7.8103\text{E-}006$$

$$R = 1.0000$$

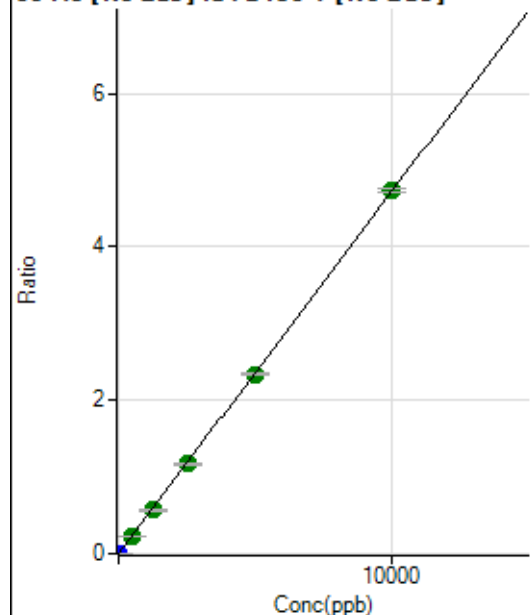
$$DL = 0.01221$$

$$BEC = 0.01823$$

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	187.78	0.0000	P	14.7
2	☐	5.000	5.146	41786.02	0.0024	P	2.9
3	☐	500.000	502.585	4076313.45	0.2369	A	0.3
4	☐	1250.000	1206.485	9769901.66	0.5686	A	2.4
5	☐	2500.000	2479.338	19535975.96	1.1685	A	2.3
6	☐	5000.000	4958.358	38061986.93	2.3368	A	0.8
7	☐	10000.000	10031.297	75085482.77	4.7275	A	1.1
8	☐			15652.28	0.0010	P	6.5

$$y = 4.7128\text{E-}004 * x + 1.1201\text{E-}005$$

$$R = 1.0000$$

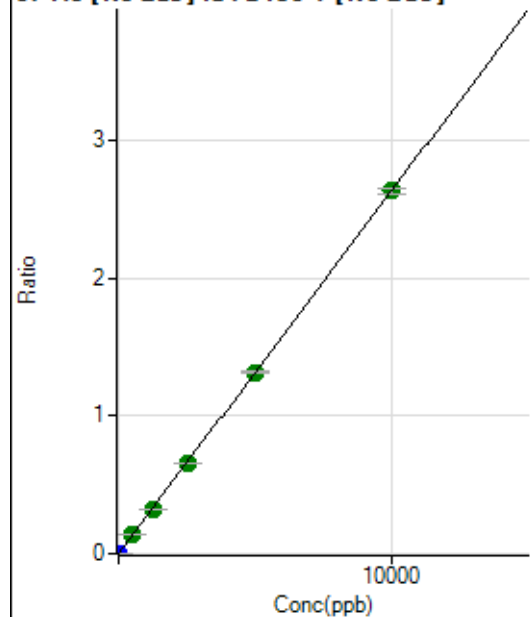
$$DL = 0.01046$$

$$BEC = 0.02377$$

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	75.56	0.0000	P	7.4
2	☐	5.000	5.167	23443.22	0.0014	P	3.1
3	☐	500.000	510.071	2314592.78	0.1345	A	1.0
4	☐	1250.000	1216.011	5509033.67	0.3206	A	2.8
5	☐	2500.000	2509.367	11064553.31	0.6617	A	0.5
6	☐	5000.000	5000.737	21479027.04	1.3186	A	0.8
7	☐	10000.000	10001.035	41891788.82	2.6371	A	1.8
8	☐			5252.16	0.0003	P	8.3

$$y = 2.6368\text{E-}004 * x + 4.5063\text{E-}006$$

$$R = 1.0000$$

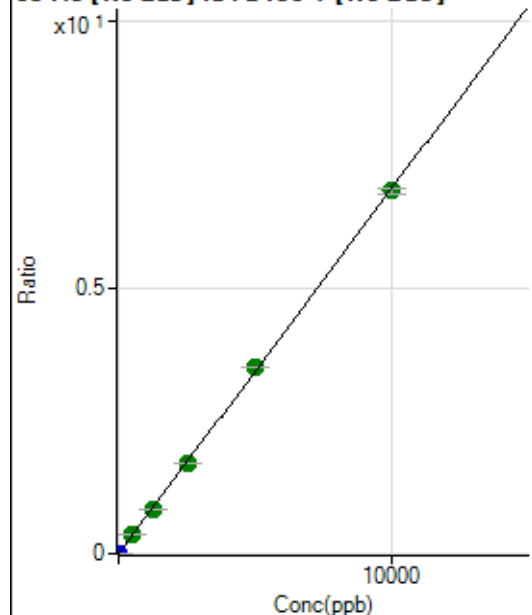
$$DL = 0.003774$$

$$BEC = 0.01709$$

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	196.67	0.0000	P	10.5
2	☐	5.000	5.172	61032.32	0.0036	P	2.3
3	☐	500.000	506.099	5972694.98	0.3471	A	0.2
4	☐	1250.000	1220.737	14383094.23	0.8371	A	2.4
5	☐	2500.000	2488.307	28532764.85	1.7063	A	1.0
6	☐	5000.000	5126.821	57264928.59	3.5156	A	0.4
7	☐	10000.000	9942.866	108294810.6	6.8181	A	1.5
8	☐			13352.12	0.0009	P	10.2

$$y = 6.8573\text{E-}004 * x + 1.1728\text{E-}005$$

$$R = 0.9999$$

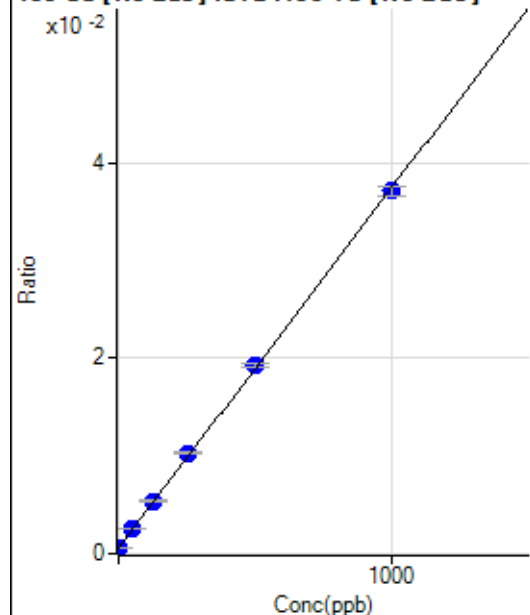
$$DL = 0.005399$$

$$BEC = 0.0171$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	6118.07	0.0006	P	1.0
2	☐	1.000	1.330	6646.11	0.0006	P	0.8
3	☐	50.000	53.519	27794.69	0.0025	P	1.1
4	☐	125.000	130.170	58223.32	0.0054	P	2.2
5	☐	250.000	262.909	109351.15	0.0102	P	1.8
6	☐	500.000	507.021	205649.44	0.0192	P	2.0
7	☐	1000.000	992.440	387243.22	0.0371	P	2.4
8	☐			5432.23	0.0005	P	2.2

$$y = 3.6794\text{E-}005 * x + 5.7033\text{E-}004$$

$$R = 0.9999$$

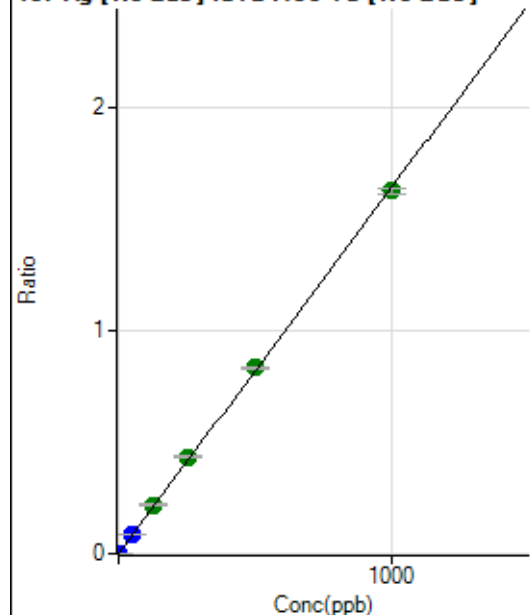
$$DL = 0.4498$$

$$BEC = 15.5$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	136.67	0.0000	P	13.1
2	☐	1.000	1.152	20407.39	0.0019	P	2.4
3	☐	50.000	51.723	928354.75	0.0848	P	1.5
4	☐	125.000	133.736	2382546.96	0.2193	A	1.3
5	☐	250.000	264.183	4624037.67	0.4332	A	2.0
6	☐	500.000	507.883	8908452.51	0.8328	A	1.6
7	☐	1000.000	991.335	16973681.97	1.6254	A	1.7
8	☐			1770.13	0.0002	P	6.0

$$y = 0.0016 * x + 1.2751\text{E-}005$$

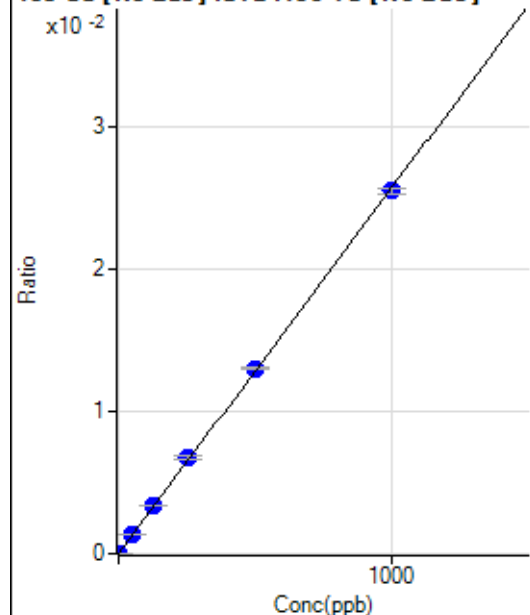
$$R = 0.9998$$

$$DL = 0.00306$$

$$BEC = 0.007777$$

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	12.22	0.0000	P	62.7
2	☐	1.000	1.005	288.90	0.0000	P	9.3
3	☐	50.000	53.360	14997.14	0.0014	P	2.2
4	☐	125.000	131.256	36598.44	0.0034	P	2.2
5	☐	250.000	263.147	72087.20	0.0068	P	2.5
6	☐	500.000	506.439	139018.52	0.0130	P	1.5
7	☐	1000.000	992.544	265959.92	0.0255	P	1.9
8	☐			146.67	0.0000	P	24.7

$$y = 2.5660\text{E-}005 * x + 1.1357\text{E-}006$$

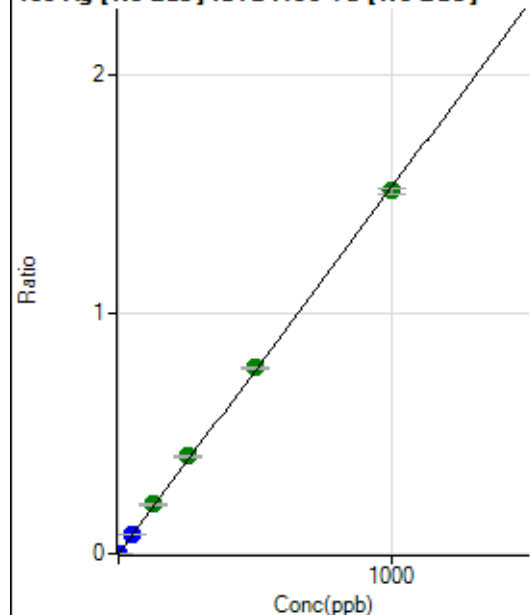
$$R = 0.9999$$

$$DL = 0.08327$$

$$BEC = 0.04426$$

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	43.33	0.0000	P	43.0
2	☐	1.000	1.133	18646.08	0.0017	P	2.9
3	☐	50.000	52.365	876843.07	0.0801	P	2.2
4	☐	125.000	134.939	2242623.98	0.2064	A	1.8
5	☐	250.000	265.739	4339744.69	0.4066	A	2.7
6	☐	500.000	508.497	8321873.21	0.7779	A	0.8
7	☐	1000.000	990.456	15823630.87	1.5153	A	1.9
8	☐			1566.78	0.0002	P	13.0

$$y = 0.0015 * x + 4.0437\text{E-}006$$

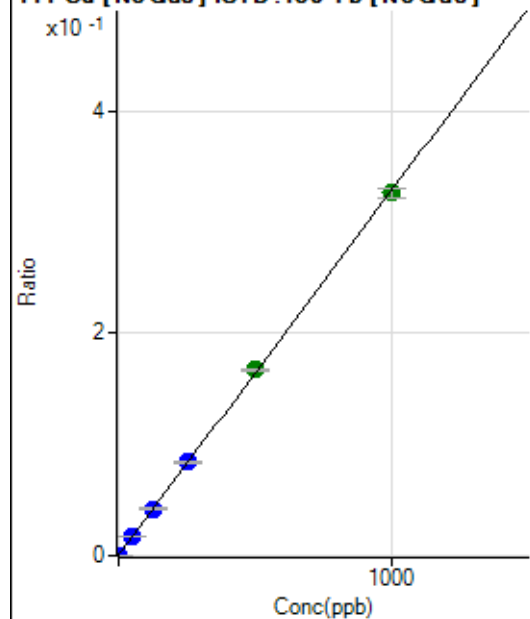
$$R = 0.9998$$

$$DL = 0.003406$$

$$BEC = 0.002643$$

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	4284.09	0.0004	P	0.9
2	☐	1.000	1.037	7937.19	0.0007	P	0.2
3	☐	50.000	51.664	189955.54	0.0174	P	1.7
4	☐	125.000	127.324	458280.82	0.0422	P	2.0
5	☐	250.000	254.956	897489.34	0.0841	P	2.0
6	☐	500.000	509.425	1792838.88	0.1676	A	1.1
7	☐	1000.000	993.675	3409425.90	0.3265	A	2.6
8	☐			4304.36	0.0004	P	2.1

$$y = 3.2820\text{E-}004 * x + 3.9937\text{E-}004$$

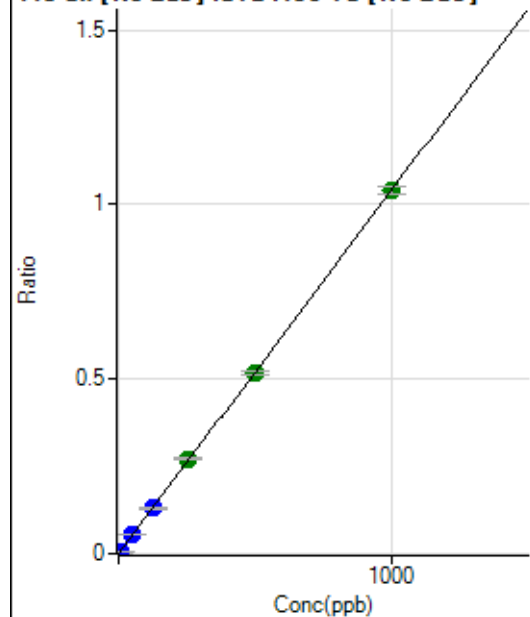
$$R = 0.9999$$

$$DL = 0.03232$$

$$BEC = 1.217$$

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	2841.43	0.0003	P	4.1
2	☐	5.000	5.272	61706.01	0.0057	P	1.2
3	☐	50.000	50.562	578679.71	0.0529	P	1.0
4	☐	125.000	124.825	1413408.33	0.1301	P	3.2
5	☐	250.000	260.872	2900293.50	0.2717	A	1.7
6	☐	500.000	498.105	5546306.24	0.5185	A	2.2
7	☐	1000.000	998.222	10847506.92	1.0388	A	2.1
8	☐			3643.03	0.0004	P	11.5

$$y = 0.0010 * x + 2.6489\text{E-}004$$

$$R = 0.9999$$

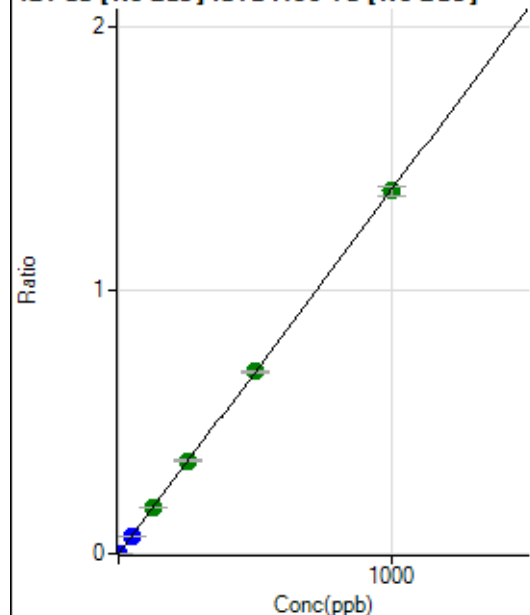
$$DL = 0.03134$$

$$BEC = 0.2546$$

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	43.33	0.0000	P	27.6
2	☐	2.000	2.091	31021.85	0.0029	P	1.8
3	☐	50.000	49.314	744988.86	0.0681	P	0.8
4	☐	125.000	127.462	1911161.44	0.1759	A	1.6
5	☐	250.000	255.553	3765013.45	0.3527	A	2.4
6	☐	500.000	501.396	7402673.22	0.6920	A	1.0
7	☐	1000.000	997.640	14377035.34	1.3769	A	2.8
8	☐			7844.53	0.0008	P	3.1

$$y = 0.0014 * x + 4.0380E-006$$

$$R = 1.0000$$

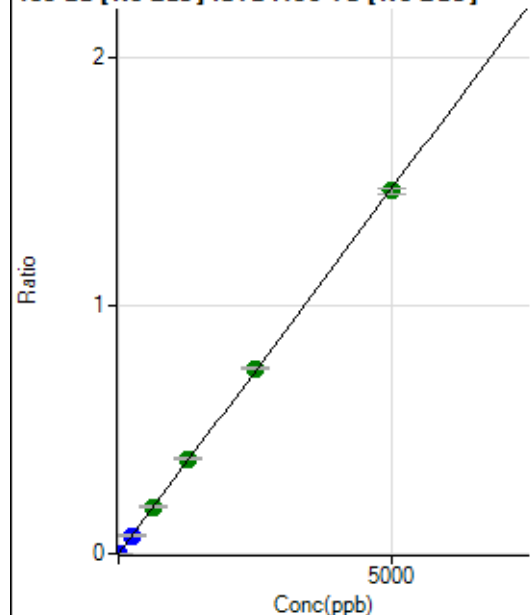
$$DL = 0.002421$$

$$BEC = 0.002926$$

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	128.89	0.0000	P	31.8
2	☐	10.000	10.378	32955.58	0.0031	P	0.2
3	☐	250.000	249.267	804223.14	0.0735	P	1.2
4	☐	625.000	636.393	2037398.08	0.1876	A	3.0
5	☐	1250.000	1293.537	4069677.82	0.3813	A	2.4
6	☐	2500.000	2535.243	7993227.59	0.7472	A	0.6
7	☐	5000.000	4970.106	15296754.08	1.4648	A	1.5
8	☐			7005.22	0.0007	P	1.3

$$y = 2.9473E-004 * x + 1.2005E-005$$

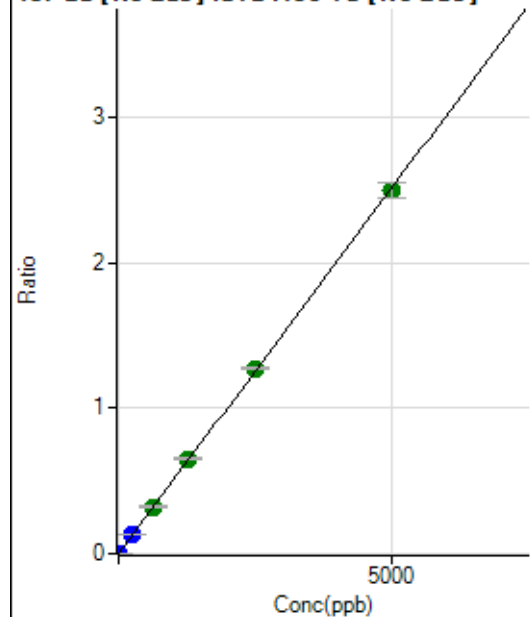
$$R = 0.9999$$

$$DL = 0.03885$$

$$BEC = 0.04073$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	183.34	0.0000	P	12.9
2	☐	10.000	10.521	56890.12	0.0053	P	0.6
3	☐	250.000	253.192	1391891.00	0.1272	P	1.7
4	☐	625.000	644.131	3512803.31	0.3235	A	5.3
5	☐	1250.000	1301.556	6977256.56	0.6537	A	2.9
6	☐	2500.000	2538.893	13639640.49	1.2751	A	0.9
7	☐	5000.000	4965.113	26033922.67	2.4935	A	4.1
8	☐			12137.76	0.0012	P	3.2

$$y = 5.0221E-004 * x + 1.7094E-005$$

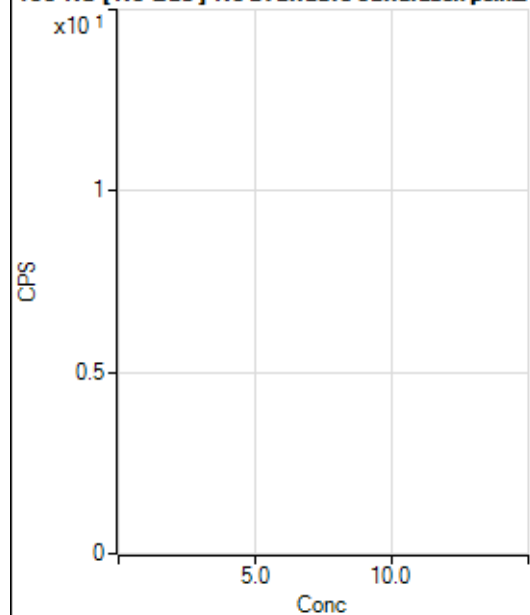
$$R = 0.9999$$

$$DL = 0.01313$$

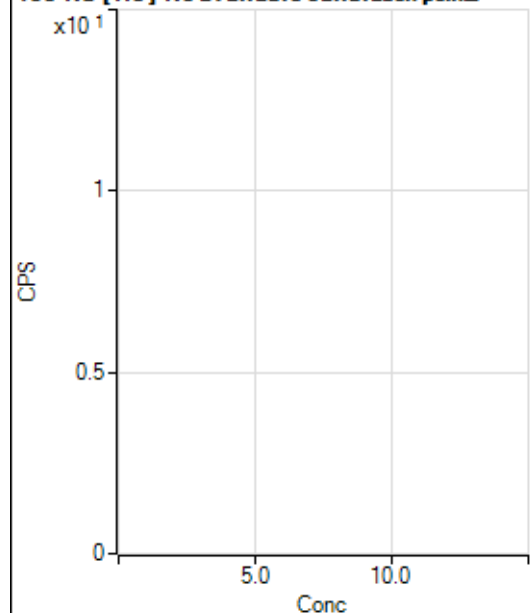
$$BEC = 0.03404$$

Weight: <None>

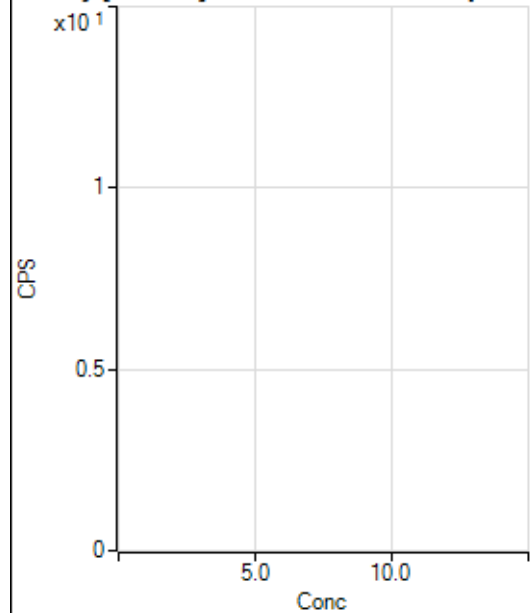
Min Conc: 0

150 Nd [No Gas] No available calibration points

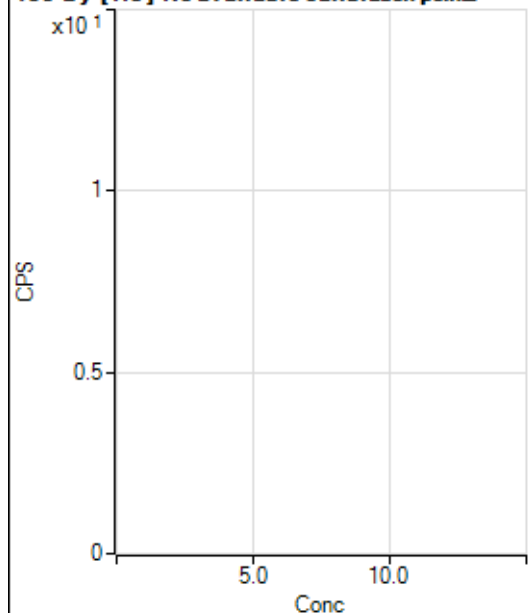
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			4.44		P	114.
2	☐			12.22		P	15.7
3	☐			73.33		P	43.4
4	☐			175.56		P	10.5
5	☐			301.12		P	14.7
6	☐			613.35		P	4.6
7	☐			1168.95		P	2.1
8	☐			262.23		P	15.8

150 Nd [He] No available calibration points

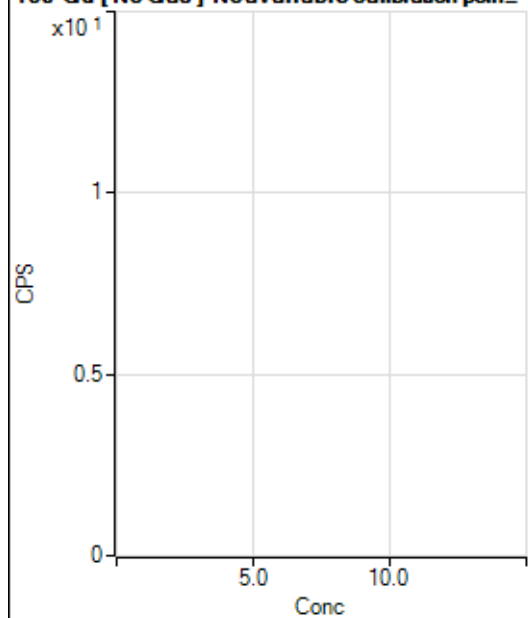
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐			4.44		P	43.4
3	☐			8.89		P	57.3
4	☐			12.22		P	15.7
5	☐			27.78		P	6.9
6	☐			44.44		P	17.3
7	☐			70.00		P	20.8
8	☐			87.78		P	7.9

156 Dy [No Gas] No available calibration points

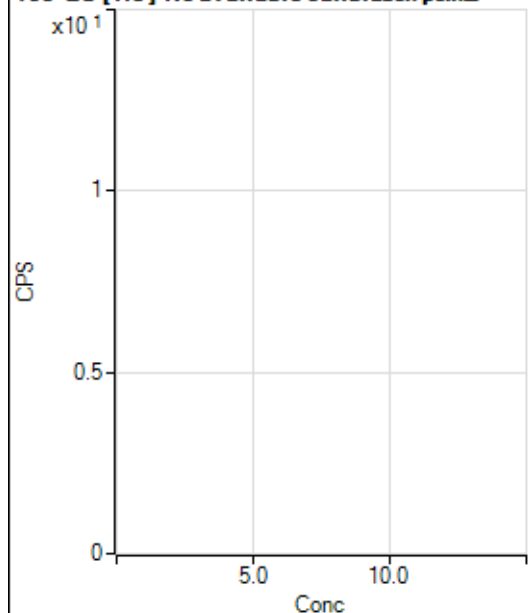
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			13.33		P	75.0
2	☐			10.00		P	57.8
3	☐			34.45		P	11.2
4	☐			58.89		P	3.3
5	☐			90.00		P	14.8
6	☐			206.67		P	19.6
7	☐			434.46		P	10.4
8	☐			726.69		P	6.4

156 Dy [He] No available calibration points

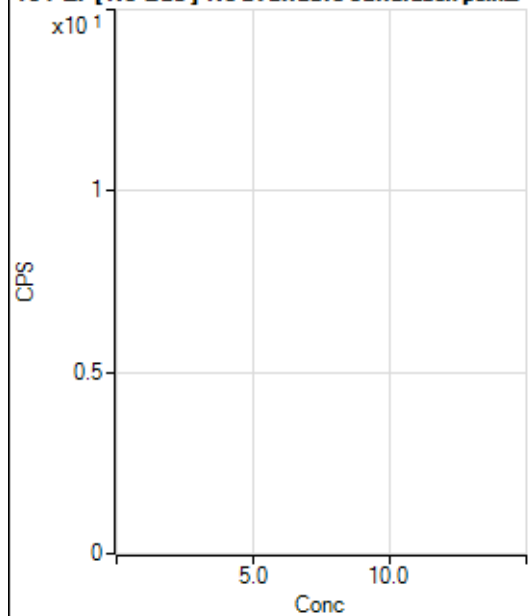
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	86.6
2	☐			2.22		P	86.6
3	☐			11.11		P	34.6
4	☐			11.11		P	45.8
5	☐			18.89		P	27.0
6	☐			34.44		P	5.6
7	☐			64.44		P	38.1
8	☐			198.89		P	23.5

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

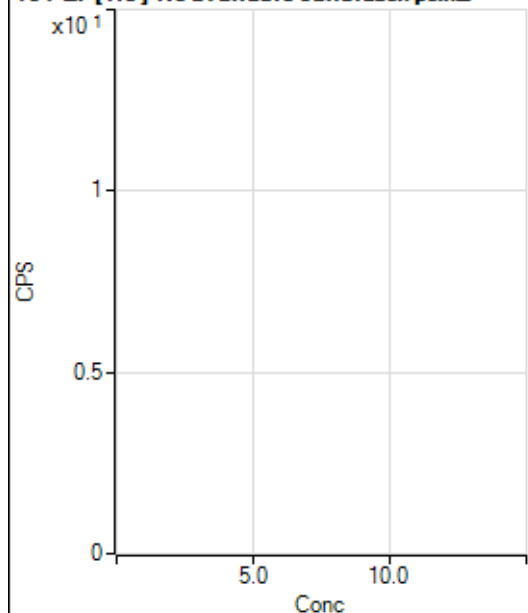
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			110.00		P	13.9
2	☐			122.22		P	16.0
3	☐			130.01		P	8.9
4	☐			134.45		P	29.6
5	☐			148.89		P	9.3
6	☐			191.12		P	8.8
7	☐			258.89		P	1.5
8	☐			730.03		P	5.1

160 Gd [He] No available calibration points

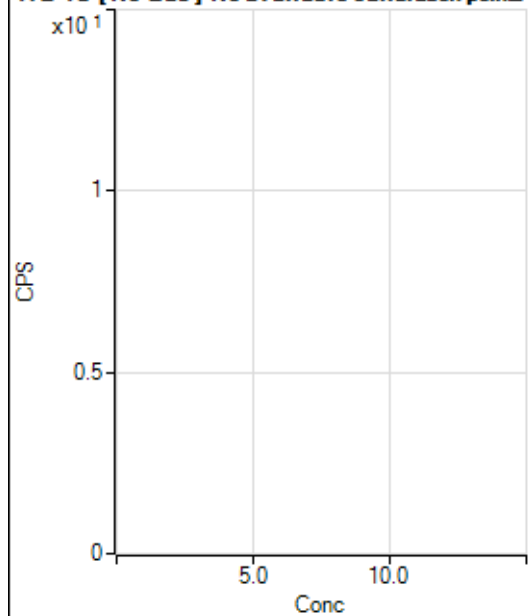
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			23.33		P	49.5
2	☐			21.11		P	39.7
3	☐			26.67		P	33.1
4	☐			30.00		P	11.1
5	☐			48.89		P	37.5
6	☐			46.67		P	12.4
7	☐			105.56		P	14.9
8	☐			312.23		P	8.3

164 Er [No Gas] No available calibration points

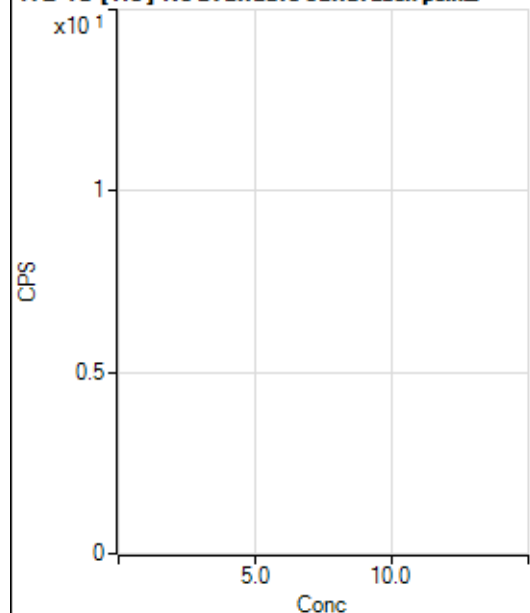
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			72.22		P	9.6
2	☐			56.67		P	5.9
3	☐			115.56		P	12.0
4	☐			110.00		P	5.3
5	☐			128.89		P	11.7
6	☐			213.34		P	8.3
7	☐			307.78		P	4.9
8	☐			1354.53		P	5.6

164 Er [He] No available calibration points

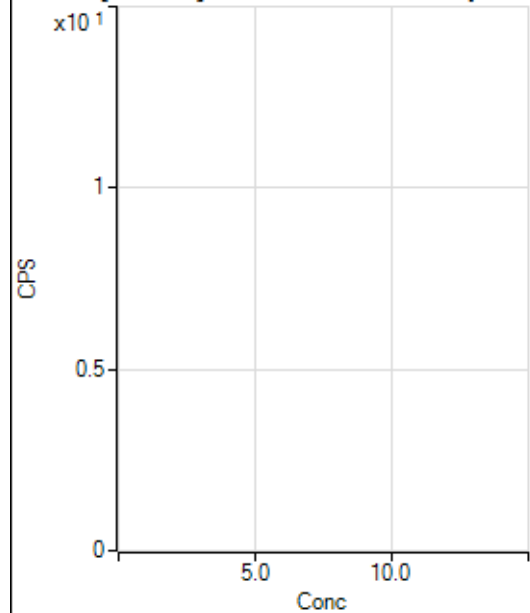
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			35.56		P	5.4
2	☐			40.00		P	16.7
3	☐			38.89		P	13.1
4	☐			36.67		P	55.3
5	☐			46.67		P	28.6
6	☐			66.67		P	25.0
7	☐			106.67		P	14.3
8	☐			511.13		P	2.6

172 Yb [No Gas] No available calibration points

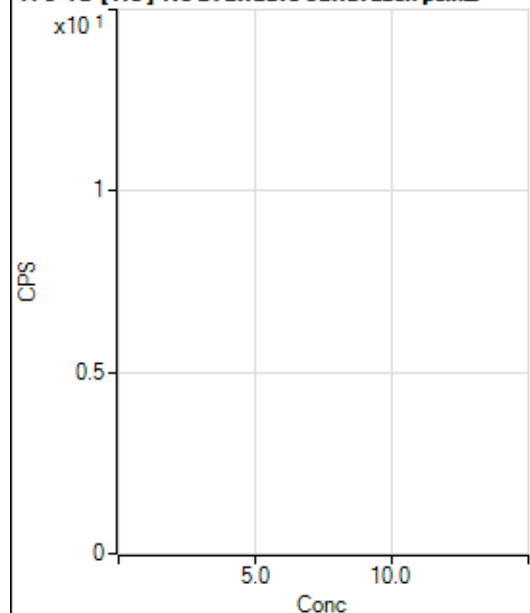
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			78.89		P	24.8
2	☐			54.44		P	27.6
3	☐			76.66		P	15.1
4	☐			104.45		P	16.1
5	☐			152.23		P	9.1
6	☐			218.89		P	6.3
7	☐			314.45		P	7.8
8	☐			985.60		P	5.2

172 Yb [He] No available calibration points

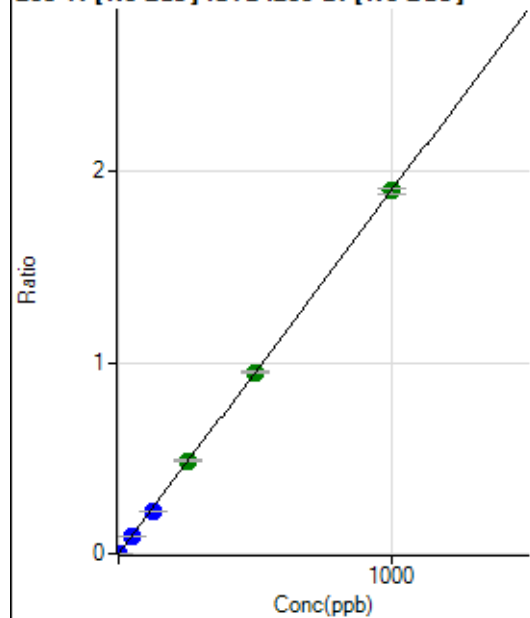
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			24.45		P	15.8
2	☐			26.67		P	54.5
3	☐			43.33		P	38.5
4	☐			33.34		P	45.8
5	☐			68.89		P	14.0
6	☐			93.33		P	7.1
7	☐			150.00		P	5.9
8	☐			486.68		P	5.4

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1609.01		P	5.5
2	☐			1676.79		P	4.3
3	☐			4292.96		P	1.6
4	☐			8602.87		P	1.4
5	☐			15257.80		P	3.4
6	☐			28711.27		P	2.9
7	☐			54932.63		P	1.1
8	☐			2042.40		P	6.7

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			484.46		P	5.1
2	☐			460.01		P	0.7
3	☐			1526.77		P	11.6
4	☐			3079.28		P	4.2
5	☐			5723.51		P	3.4
6	☐			10681.07		P	0.5
7	☐			20823.17		P	0.8
8	☐			576.69		P	5.1

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	148.89	0.0000	P	9.4
2	☐	1.000	1.001	11542.98	0.0019	P	2.4
3	☐	50.000	47.036	553612.26	0.0894	P	1.7
4	☐	125.000	117.204	1384342.60	0.2228	P	1.9
5	☐	250.000	256.238	2960667.63	0.4870	A	2.9
6	☐	500.000	500.343	5701345.68	0.9510	A	1.0
7	☐	1000.000	999.392	10992416.09	1.8995	A	1.3
8	☐			956.71	0.0002	P	15.0

$$y = 0.0019 * x + 2.4319E-005$$

$$R = 0.9999$$

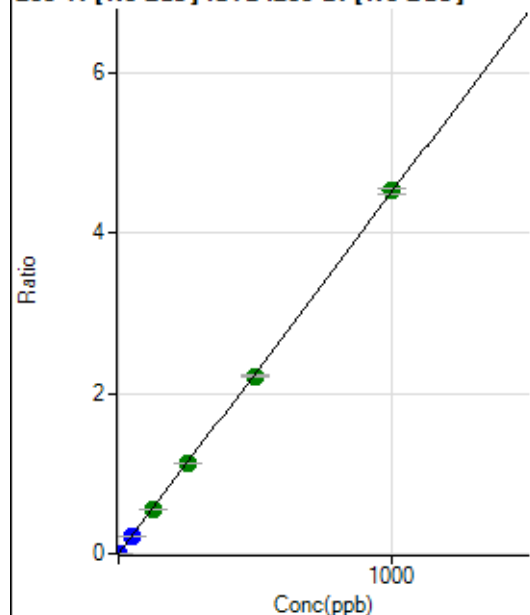
$$DL = 0.003613$$

$$BEC = 0.0128$$

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	348.90	0.0001	P	8.2
2	☐	1.000	1.012	27679.52	0.0046	P	2.3
3	☐	50.000	47.390	1323034.00	0.2137	P	1.0
4	☐	125.000	121.124	3393995.54	0.5461	A	1.3
5	☐	250.000	251.462	6894455.59	1.1337	A	0.6
6	☐	500.000	490.589	13259519.11	2.2118	A	1.2
7	☐	1000.000	1004.955	26223961.83	4.5307	A	1.5
8	☐			2281.34	0.0004	P	7.8

$$y = 0.0045 * x + 5.6983E-005$$

$$R = 0.9999$$

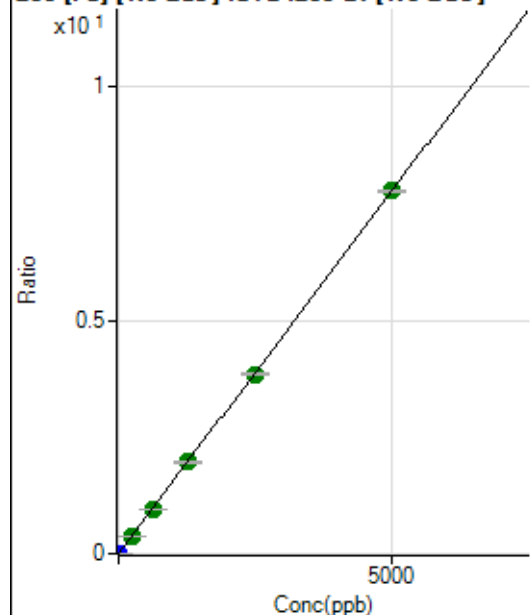
$$DL = 0.003115$$

$$BEC = 0.01264$$

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	480.02	0.0001	P	6.0
2	☐	1.000	0.824	8134.85	0.0014	P	3.5
3	☐	250.000	249.436	2399180.14	0.3875	A	1.5
4	☐	625.000	614.931	5935071.51	0.9551	A	1.4
5	☐	1250.000	1268.090	11974172.60	1.9696	A	1.9
6	☐	2500.000	2477.027	23063825.77	3.8472	A	0.6
7	☐	5000.000	5008.251	45015945.44	7.7785	A	0.8
8	☐			32047.34	0.0060	P	0.4

$$y = 0.0016 * x + 7.8396E-005$$

$$R = 1.0000$$

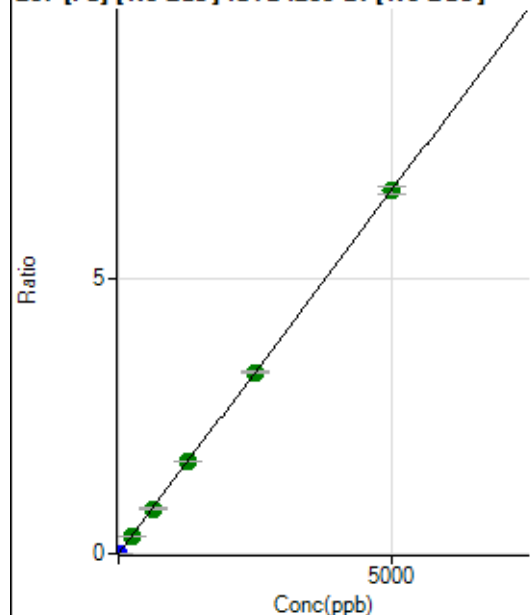
$$DL = 0.009039$$

$$BEC = 0.05048$$

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	360.01	0.0001	P	11.5
2	☐	1.000	0.892	7397.72	0.0012	P	1.5
3	☐	250.000	245.948	2007957.80	0.3243	A	0.5
4	☐	625.000	613.595	5026352.01	0.8090	A	3.0
5	☐	1250.000	1272.054	10196983.46	1.6771	A	1.0
6	☐	2500.000	2500.330	19763078.32	3.2964	A	1.8
7	☐	5000.000	4995.949	38121974.43	6.5866	A	2.3
8	☐			27491.44	0.0052	P	1.0

$$y = 0.0013 * x + 5.8794E-005$$

$$R = 1.0000$$

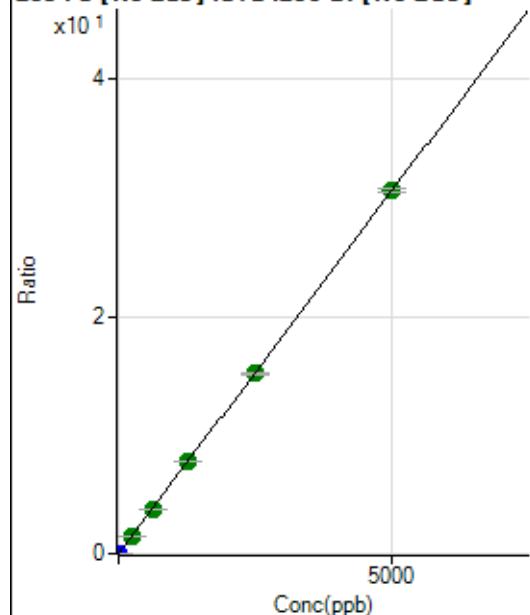
$$DL = 0.01539$$

$$BEC = 0.0446$$

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	1732.29	0.0003	P	6.6
2	☐	1.000	0.863	33255.90	0.0056	P	1.0
3	☐	250.000	247.005	9339440.50	1.5084	A	0.7
4	☐	625.000	610.668	23170031.11	3.7289	A	1.2
5	☐	1250.000	1264.976	46970925.14	7.7240	A	0.7
6	☐	2500.000	2485.659	90987595.03	15.1772	A	1.4
7	☐	5000.000	5005.368	176894325.1	30.5621	A	1.2
8	☐			126422.51	0.0238	P	0.2

$$y = 0.0061 * x + 2.8291E-004$$

$$R = 1.0000$$

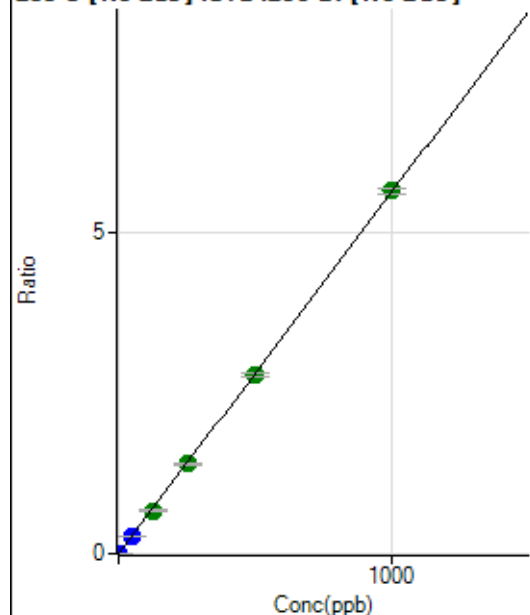
$$DL = 0.00923$$

$$BEC = 0.04634$$

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	110.00	0.0000	P	19.9
2	☐	1.000	0.968	32825.74	0.0055	P	0.3
3	☐	50.000	45.648	1594456.73	0.2575	P	1.0
4	☐	125.000	119.440	4187301.74	0.6738	A	0.8
5	☐	250.000	248.183	8515146.47	1.4002	A	1.2
6	☐	500.000	494.294	16717117.94	2.7886	A	2.1
7	☐	1000.000	1004.220	32792862.57	5.6654	A	1.6
8	☐			1655.68	0.0003	P	13.6

$$y = 0.0056 * x + 1.7967E-005$$

$$R = 1.0000$$

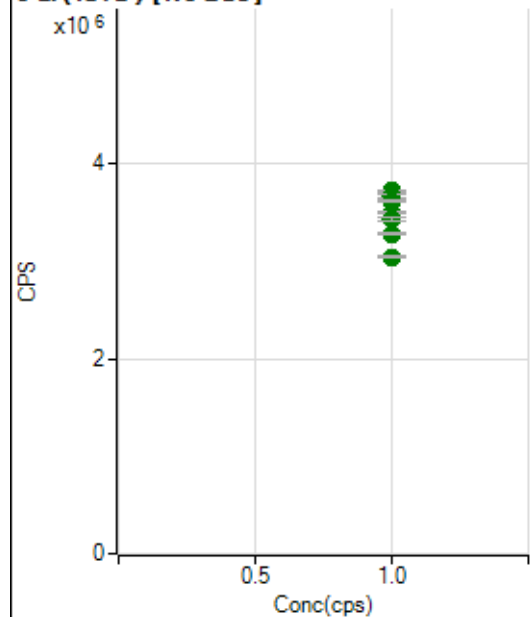
$$DL = 0.001902$$

$$BEC = 0.003185$$

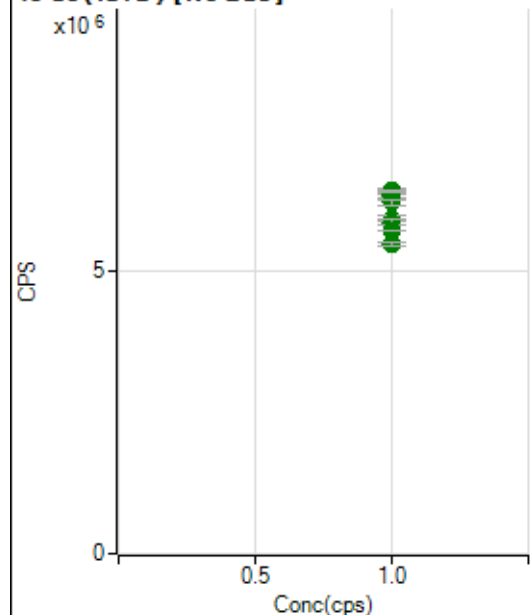
Weight: <None>

Min Conc: 0

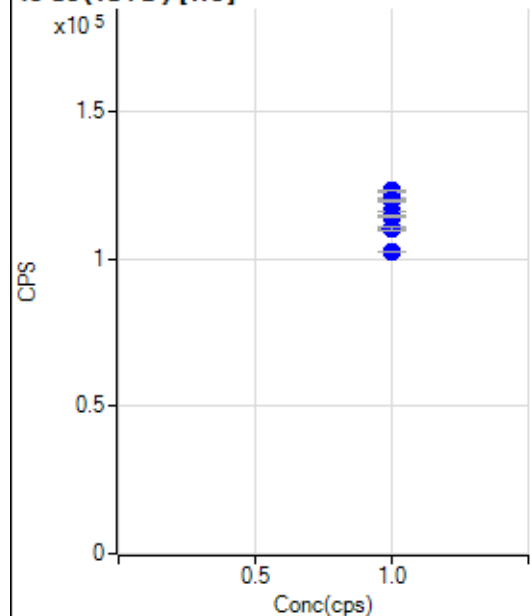
6 Li (ISTD) [No Gas]



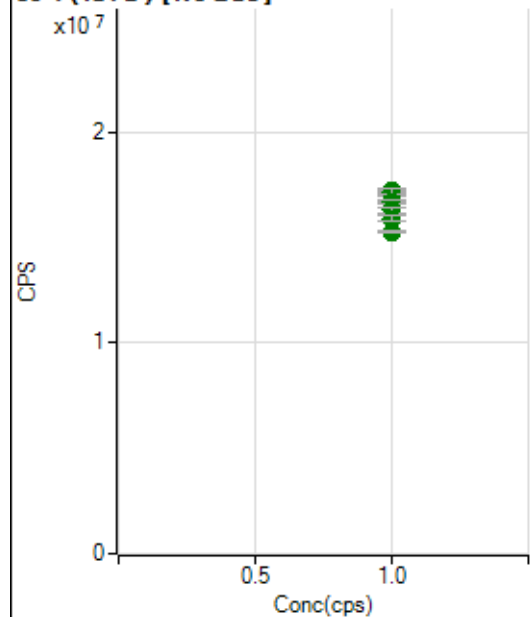
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		3691342.42		A	0.9
2	☐	1.000		3717732.08		A	0.3
3	☐	1.000		3665773.45		A	0.9
4	☐	1.000		3609311.05		A	0.6
5	☐	1.000		3495857.66		A	0.9
6	☐	1.000		3425567.56		A	1.3
7	☐	1.000		3275983.09		A	0.6
8	☐	1.000		3039981.81		A	0.8

45 Sc (ISTD) [No Gas]

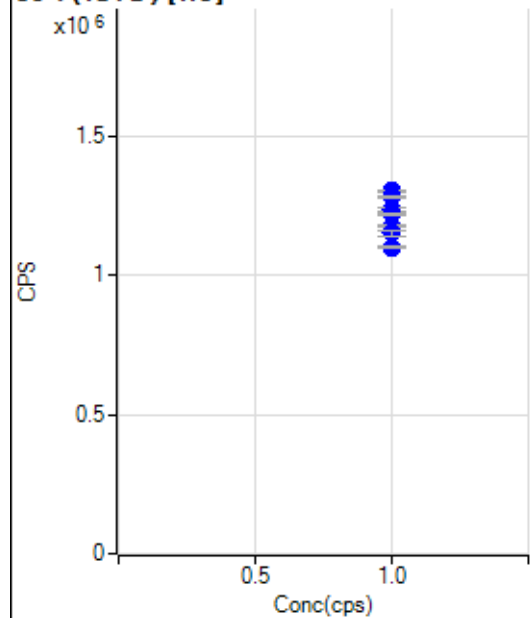
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6307287.89		A	2.0
2	☐	1.000		6369265.25		A	2.6
3	☐	1.000		6408983.38		A	0.4
4	☐	1.000		6201199.49		A	1.9
5	☐	1.000		5926586.99		A	1.6
6	☐	1.000		5853700.12		A	2.1
7	☐	1.000		5699828.25		A	0.3
8	☐	1.000		5479427.14		A	1.1

45 Sc (ISTD) [He]

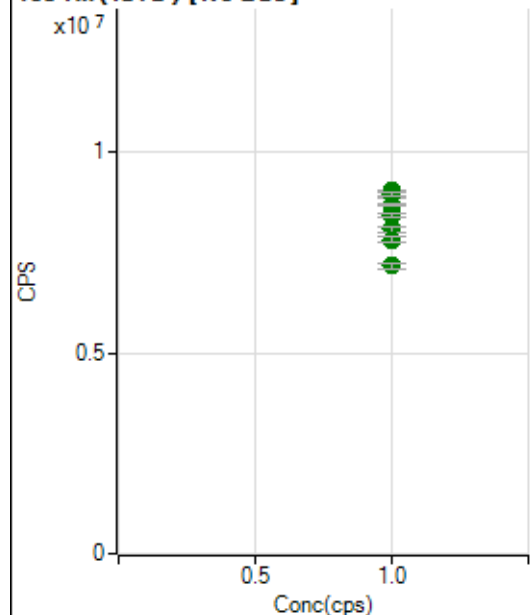
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		119946.44		P	0.6
2	☐	1.000		122979.64		P	0.6
3	☐	1.000		119641.79		P	0.4
4	☐	1.000		115946.44		P	0.2
5	☐	1.000		114269.87		P	0.3
6	☐	1.000		110278.01		P	0.6
7	☐	1.000		109920.07		P	1.0
8	☐	1.000		102480.95		P	0.3

89 Y (ISTD) [No Gas]

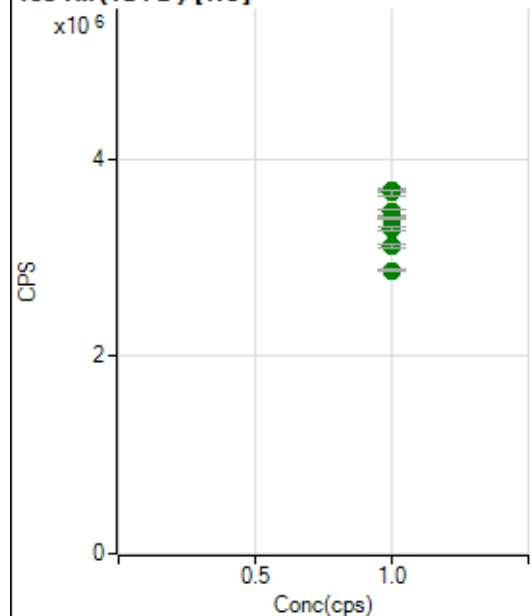
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		16772047.52		A	0.6
2	☐	1.000		17157543.49		A	1.8
3	☐	1.000		17209378.91		A	0.6
4	☐	1.000		17186227.11		A	1.6
5	☐	1.000		16721659.34		A	0.9
6	☐	1.000		16289338.51		A	1.6
7	☐	1.000		15884319.90		A	1.6
8	☐	1.000		15278395.19		A	1.0

89 Y (ISTD) [He]

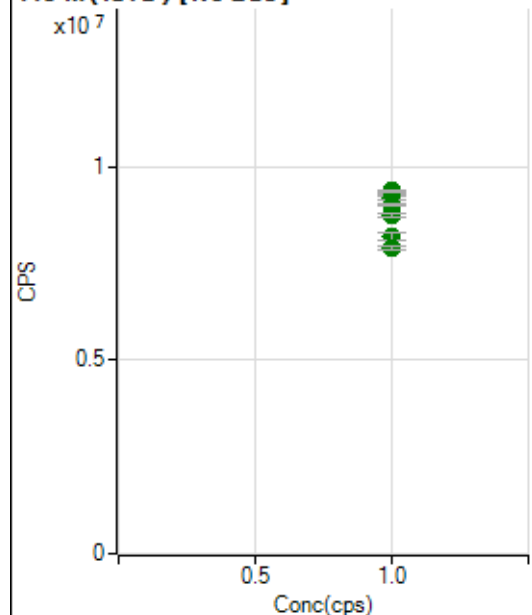
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1282879.29		P	0.6
2	☐	1.000		1304707.28		P	0.6
3	☐	1.000		1283490.33		P	0.5
4	☐	1.000		1238245.68		P	0.9
5	☐	1.000		1221709.61		P	0.6
6	☐	1.000		1178186.49		P	0.9
7	☐	1.000		1153912.81		P	1.6
8	☐	1.000		1102024.11		P	0.6

103 Rh (ISTD) [No Gas]

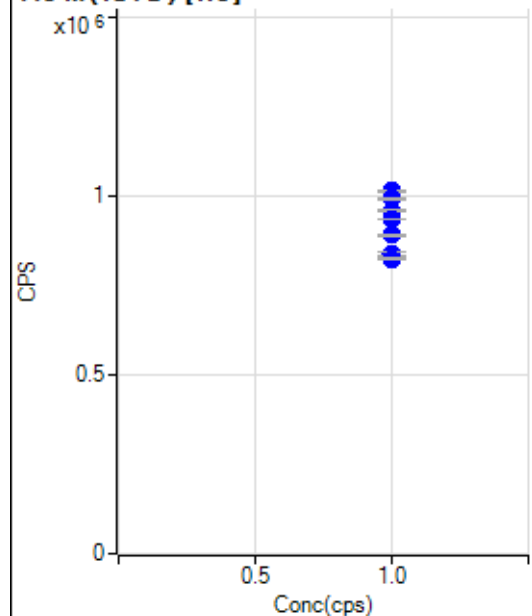
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8943952.50		A	1.3
2	☐	1.000		9045967.43		A	0.7
3	☐	1.000		8985552.16		A	1.1
4	☐	1.000		8701253.83		A	1.1
5	☐	1.000		8440550.50		A	0.7
6	☐	1.000		8086718.77		A	2.1
7	☐	1.000		7824503.70		A	1.9
8	☐	1.000		7175772.39		A	1.8

103 Rh (ISTD) [He]

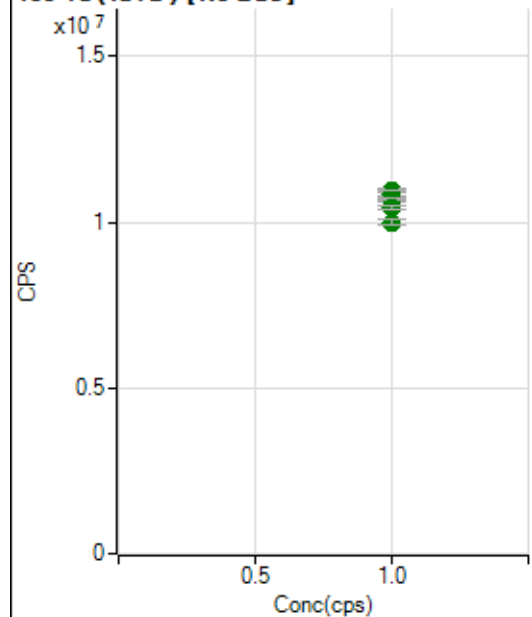
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3670489.91		A	0.5
2	☐	1.000		3679498.03		A	1.1
3	☐	1.000		3664445.64		A	1.5
4	☐	1.000		3470823.73		A	1.7
5	☐	1.000		3399902.38		A	0.8
6	☐	1.000		3294267.10		A	1.2
7	☐	1.000		3125271.66		A	1.2
8	☐	1.000		2870360.82		A	0.6

115 In (ISTD) [No Gas]

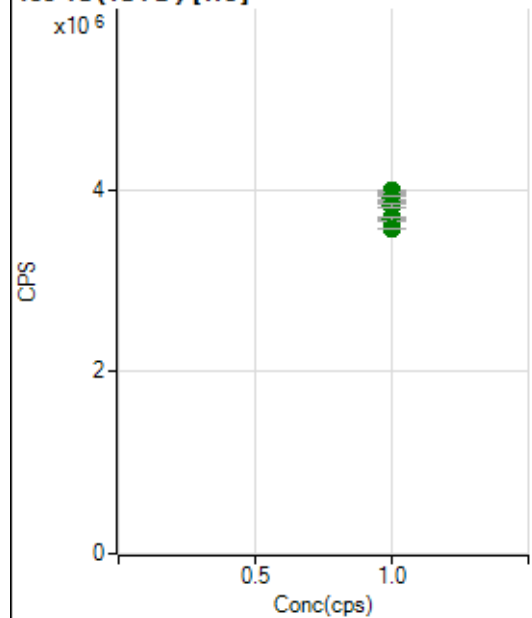
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9214875.75		A	0.9
2	☐	1.000		9327988.59		A	0.9
3	☐	1.000		9310057.11		A	0.1
4	☐	1.000		9382944.95		A	0.7
5	☐	1.000		9023143.01		A	0.7
6	☐	1.000		8750211.43		A	0.9
7	☐	1.000		8199429.50		A	2.0
8	☐	1.000		7900363.38		A	1.3

115 In (ISTD) [He]

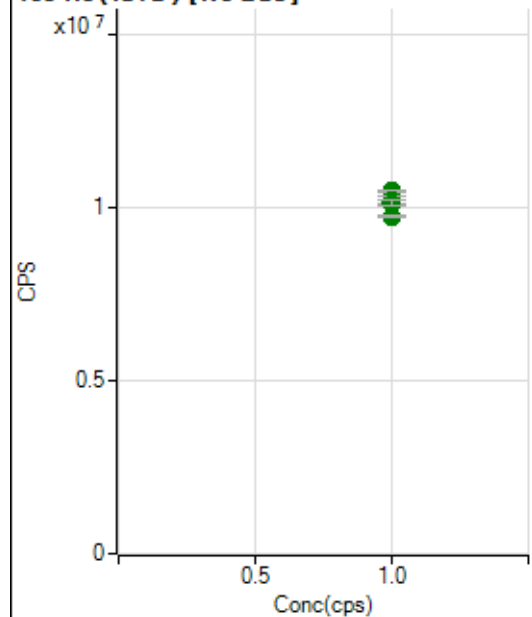
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		994340.03		P	0.2
2	☐	1.000		1013940.77		P	0.5
3	☐	1.000		991808.72		P	0.4
4	☐	1.000		958386.94		P	0.3
5	☐	1.000		935221.45		P	0.5
6	☐	1.000		889593.46		P	0.8
7	☐	1.000		839377.80		P	1.4
8	☐	1.000		824865.85		P	0.4

159 Tb (ISTD) [No Gas]

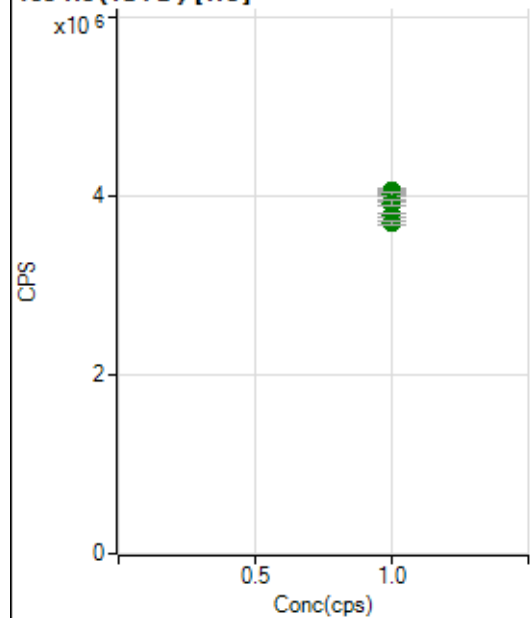
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10726683.87		A	0.9
2	☐	1.000		10732353.31		A	0.5
3	☐	1.000		10945609.14		A	1.1
4	☐	1.000		10865028.45		A	1.8
5	☐	1.000		10675991.30		A	1.0
6	☐	1.000		10697454.15		A	0.5
7	☐	1.000		10443696.30		A	1.1
8	☐	1.000		10005869.85		A	1.3

159 Tb (ISTD) [He]

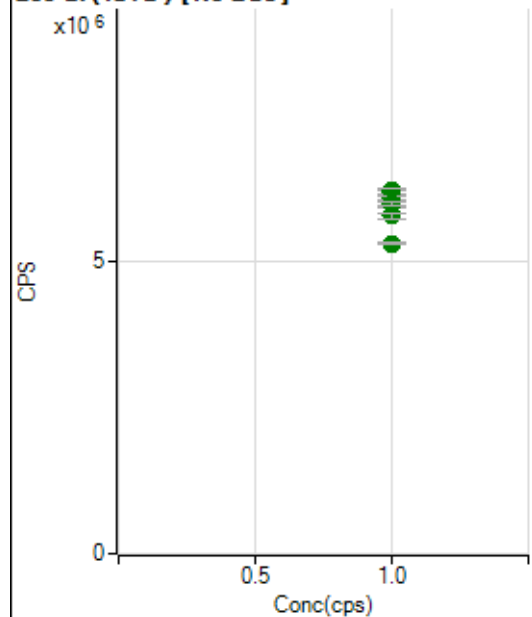
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3880994.84		A	0.7
2	☐	1.000		3989105.39		A	0.5
3	☐	1.000		3967669.42		A	0.5
4	☐	1.000		3905654.77		A	1.0
5	☐	1.000		3835714.08		A	1.2
6	☐	1.000		3690419.01		A	1.0
7	☐	1.000		3680522.27		A	0.7
8	☐	1.000		3577357.03		A	0.2

165 Ho (ISTD) [No Gas]

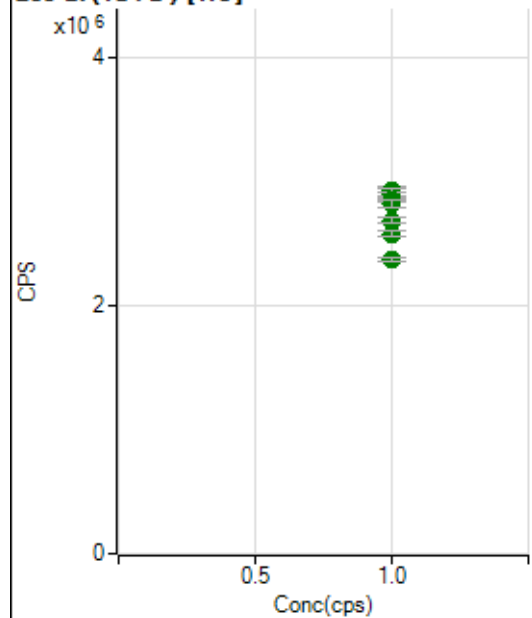
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10160265.13		A	1.4
2	☐	1.000		10217861.31		A	0.1
3	☐	1.000		10196868.81		A	0.3
4	☐	1.000		10408293.11		A	1.5
5	☐	1.000		10469782.69		A	0.5
6	☐	1.000		10206651.72		A	2.5
7	☐	1.000		10118231.31		A	1.7
8	☐	1.000		9729941.73		A	0.5

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4023085.60		A	0.9
2	☐	1.000		4053317.47		A	1.8
3	☐	1.000		4059191.40		A	0.7
4	☐	1.000		3955664.21		A	0.6
5	☐	1.000		4018209.11		A	1.3
6	☐	1.000		3919927.82		A	1.7
7	☐	1.000		3784937.23		A	0.9
8	☐	1.000		3709345.33		A	1.1

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6122766.02		A	0.1
2	☐	1.000		5991230.95		A	2.0
3	☐	1.000		6191296.09		A	1.1
4	☐	1.000		6214274.08		A	1.3
5	☐	1.000		6080777.90		A	1.7
6	☐	1.000		5995237.55		A	1.1
7	☐	1.000		5787804.08		A	1.8
8	☐	1.000		5310863.53		A	0.5

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2901555.68		A	1.3
2	☐	1.000		2909282.56		A	3.2
3	☐	1.000		2923625.82		A	1.1
4	☐	1.000		2848505.79		A	0.4
5	☐	1.000		2816987.28		A	2.1
6	☐	1.000		2686162.77		A	1.8
7	☐	1.000		2574793.64		A	1.7
8	☐	1.000		2372922.31		A	1.2

US EPA Tune Check Report

Operator Name Jaswal

Acq/Data Batch D:\Agilent\ICPMH\1\DATA\P8052225MS.b

Acq. Date-Time 2025-05-22 11:38:14

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		41361	413614.20			0.818	5.000
24		399928	3999282.38			0.405	5.000
25		55846	558455.60			0.994	5.000
26		64409	644085.00			0.821	5.000
59		164122	1641216.78			0.545	5.000
113		19957	199573.79			0.409	5.000
115		251628	2516279.28			0.875	5.000
206		50302	503023.44			0.810	5.000
207		43868	438678.54			0.696	5.000
208		107615	1076147.24			0.527	5.000
220		1	7.10			15.267	

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

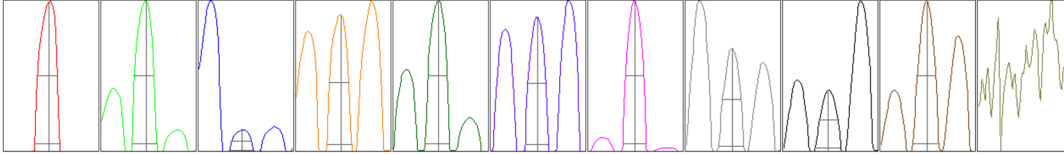
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	40998	41536	41208	41859	41206
24	399316	401818	397721	401178	399608
25	55589	55388	55854	56794	55604
26	64353	64180	64210	65323	63976
59	162566	164602	164443	164784	164213
113	19913	19889	20060	20031	19894
115	250642	254988	250309	249544	252657
206	49707	50554	50189	50784	50278
207	43562	43650	44071	44292	43765
208	107259	106896	107716	108383	107819

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	69751.49	8.95	8.90 - 9.10	
24	686391.08	23.95	23.90 - 24.10	
25	95814.26	24.90	24.90 - 25.10	
26	109039.09	25.95	25.90 - 26.10	
59	286786.78	58.95	58.90 - 59.10	
113	37494.01	113.00	112.90 - 113.10	
115	471150.92	115.00	114.90 - 115.10	
206	91537.13	206.00	205.90 - 206.10	
207	79139.24	206.95	206.90 - 207.10	
208	193666.53	208.00	207.90 - 208.10	
220			-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.63	0.784	0.900	
24	0.63	0.781	0.900	
25	0.62	0.741	0.900	
26	0.62	0.781	0.900	
59	0.61	0.777	0.900	
113	0.56	0.734	0.900	
115	0.56	0.735	0.900	
206	0.58	0.790	0.900	
207	0.58	0.821	0.900	
208	0.58	0.815	0.900	
220	0.46			

Integration Time [sec] 0.1

Acquisition Time [sec] 256.770000000002

Y Axis Linear

Tune Parameters

Plasma Parameters

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

US EPA Tune Check Report

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

Lens Parameters

Extract 1	-6.0 V	Omega Lens	7.7 V	Deflect	14.8 V
Extract 2	-175.0 V	Cell Entrance	-30 V	Plate Bias	-50 V
Omega Bias	-85 V	Cell Exit	-50 V		

Cell Parameters

Use Gas	No	3rd Gas Flow	---	Energy Discrimination	4.0 V
He Flow	0.0 mL/min	OctP Bias	-8.0 V		
H2 Flow	---	OctP RF	150 V		

QP Parameters

Mass Gain	104	Axis Gain	0.9967	QP Bias	-4.0 V
Mass Offset	126	Axis Offset	-0.01		

Hardware Settings

Torch

Torch H	1.3 mm	Torch V	0.7 mm
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EM

Discriminator	4.5 mV	Analog HV	2174 V	Pulse HV	965 V
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[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		30912	309119.95			0.655	
89		46245	462451.71			0.910	
205		35741	357405.03			0.212	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	31026	31027	30924	31025	30558
89	46916	46193	46190	46180	45747
205	35807	35717	35832	35687	35659

Integration Time [sec] 0.1

Tune Parameters

Plasma Parameters

Plasma Mode	---	Nebulizer Gas	0.72 L/min	Dilution Gas	0.40 L/min
RF Power	1600 W	Option Gas	---	Auxiliary Gas	0.90 L/min
RF Matching	1.80 V	Nebulizer Pump	0.10 rps	Plasma Gas	15.0 L/min
Sample Depth	9.0 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	-6.0 V	Omega Lens	7.7 V	Deflect	2.8 V
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US EPA Tune Check Report

Extract 2	-175.0 V	Cell Entrance	-50 V	Plate Bias	-60 V
Omega Bias	-85 V	Cell Exit	-70 V		
Cell Parameters					
Use Gas	Yes	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	4.5 mL/min	OctP Bias	-18.0 V		
H2 Flow	---	OctP RF	200 V		
QP Parameters					
Mass Gain	104	Axis Gain	0.9967	QP Bias	-13.0 V
Mass Offset	126	Axis Offset	-0.01		
Hardware Settings					
Torch					
Torch H	1.3 mm	Torch V	0.7 mm		
EM					
Discriminator	4.5 mV	Analog HV	2174 V	Pulse HV	965 V

LB Number :	LB135893	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2025-05-22 12:27:00	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.42	-0.06	-0.35	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	0.00	0.00	N/A	ppb
Barium	135-1	0.00	0.01	-0.01	0.00	N/A	ppb
Barium	137-1	0.00	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Cadmium	108-1	-0.03	0.02	0.02	0.00	N/A	ppb
Cadmium	106-1	-0.12	0.17	-0.05	0.00	N/A	ppb
Cadmium	111-1	-0.01	0.01	0.00	0.00	N/A	ppb
Calcium	43-1	1.82	0.72	-2.54	0.00	N/A	ppb
Calcium	44-1	0.67	0.61	-1.28	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	0.02	-0.02	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	-0.01	0.00	0.01	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	54-2	-0.06	0.01	0.05	0.00	N/A	ppb
Iron	56-2	-0.01	0.08	-0.08	0.00	N/A	ppb
Iron	57-2	-0.04	0.31	-0.26	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number :	LB135893	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2025-05-22 12:27:00	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.00	-0.01	0.00	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.36	-0.38	0.01	0.00	N/A	ppb
Manganese	55-2	-0.06	0.03	0.04	0.00	N/A	ppb
Molybdenum	94-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.01	0.01	0.00	N/A	ppb
Phosphorus	31-2	-141.07	-144.78	-141.34	-142.39		ppb
Potassium	39-2	1.20	-1.59	0.39	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	0.05	-0.11	0.06	0.00	N/A	ppb
Selenium	77-2	-0.25	0.50	-0.25	0.00	N/A	ppb
Selenium	78-2	-0.22	-0.01	0.23	0.00	N/A	ppb
Silicon	28-1	-0.04	0.17	-0.14	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	0.70	0.83	-1.52	0.00	N/A	ppb
Strontium	86-1	-0.02	0.01	0.01	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-160.25	-175.95	-352.67	-229.62		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.01	0.01	-0.01	0.00	N/A	ppb
Titanium	47-1	0.00	-0.01	0.01	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number :	LB135893	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2025-05-22 12:27:00	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	-0.03	0.06	-0.03	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 :	LB135893	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2025-05-22 12:30:23	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22.54	21.43	19.79	21.25	6.51	ppb
Antimony	121-1	2.05	2.10	2.12	2.09	1.76	ppb
Arsenic	75-2	1.05	0.87	0.96	0.96	9.76	ppb
Barium	135-1	10.35	10.39	10.39	10.38	0.21	ppb
Barium	137-1	10.52	10.58	10.46	10.52	0.60	ppb
Beryllium	9-1	1.18	1.15	1.19	1.17	1.81	ppb
Bismuth	209-1				98		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Cadmium	108-1	0.93	0.97	1.12	1.00	9.76	ppb
Cadmium	106-1	1.19	1.32	1.47	1.33	10.53	ppb
Cadmium	111-1	1.04	1.03	1.04	1.04	0.45	ppb
Calcium	43-1	520.21	512.97	504.55	512.58	1.53	ppb
Calcium	44-1	531.15	519.64	503.91	518.23	2.64	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.07	2.02	2.03	2.04	1.10	ppb
Cobalt	59-2	1.08	1.10	1.10	1.09	0.85	ppb
Copper	63-2	2.03	2.08	2.11	2.07	1.76	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				101		%
Indium	115-1				101		%
Indium	115-2				102		%
Iron	54-2	56.86	55.67	55.30	55.94	1.46	ppb
Iron	56-2	53.55	53.85	52.28	53.23	1.56	ppb
Iron	57-2	51.46	51.68	51.29	51.47	0.38	ppb
Krypton	83-1						cps
Lead	206-1	0.81	0.86	0.81	0.82	3.72	ppb

LB Number :	LB135893	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2025-05-22 12:30:23	DataFile Name :	005CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.88	0.90	0.90	0.89	1.62	ppb
Lead	208-1	0.86	0.87	0.85	0.86	1.01	ppb
Lithium	6-1				101		%
Magnesium	24-2	545.20	535.28	540.85	540.45	0.92	ppb
Manganese	55-2	1.15	0.99	1.01	1.05	8.13	ppb
Molybdenum	94-1	6.15	6.22	6.21	6.19	0.64	ppb
Molybdenum	95-1	5.19	5.22	4.98	5.13	2.47	ppb
Molybdenum	96-1	5.14	5.30	5.00	5.15	2.94	ppb
Molybdenum	97-1	5.15	5.33	5.01	5.17	3.08	ppb
Molybdenum	98-1	5.14	5.30	5.07	5.17	2.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.00	1.02	0.94	0.98	4.11	ppb
Phosphorus	31-2	160.41	133.28	133.49	142.39	10.96	ppb
Potassium	39-2	515.04	523.00	517.75	518.60	0.78	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				103		%
Selenium	82-1	5.01	5.61	5.25	5.29	5.71	ppb
Selenium	77-2	2.00	4.27	4.96	3.75	41.36	ppb
Selenium	78-2	7.71	3.97	7.85	6.51	33.78	ppb
Silicon	28-1	0.82	0.48	0.41	0.57	38.48	ppb
Silver	107-1	1.12	1.17	1.16	1.15	2.44	ppb
Silver	109-1	1.10	1.14	1.16	1.13	2.95	ppb
Sodium	23-2	524.03	525.87	518.84	522.91	0.70	ppb
Strontium	86-1	1.04	1.02	1.04	1.03	1.32	ppb
Strontium	88-1	1.02	1.05	1.04	1.03	1.31	ppb
Sulfur	34-1	532.85	126.91	29.11	229.62	116.33	ppb
Terbium	159-1				100		%
Terbium	159-2				103		%
Thallium	203-1	1.00	1.03	0.98	1.00	2.40	ppb
Thallium	205-1	1.02	1.03	0.99	1.01	2.36	ppb
Tin	118-1	5.20	5.30	5.32	5.27	1.21	ppb
Titanium	47-1	5.70	5.43	5.24	5.46	4.22	ppb
Uranium	238-1	0.97	0.97	0.97	0.97	0.34	ppb

LB Number :	LB135893	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2025-05-22 12:30:23	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	5.39	5.13	5.24	5.25	2.47	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				102		%
Zinc	66-2	5.20	5.31	4.96	5.16	3.41	ppb
Zirconium	90-1	1.04	1.10	1.06	1.07	2.70	ppb
Zirconium	91-1	1.11	1.10	1.03	1.08	3.94	ppb

LB Number :	LB135893	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2025-05-22 12:37:13	DataFile Name :	007CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1017.70	1028.44	1021.42	1022.52	0.53	ppb
Antimony	121-1	49.01	49.19	49.73	49.31	0.76	ppb
Arsenic	75-2	49.65	51.00	51.29	50.65	1.73	ppb
Barium	135-1	246.34	249.00	252.47	249.27	1.23	ppb
Barium	137-1	248.98	253.16	257.44	253.19	1.67	ppb
Beryllium	9-1	55.41	55.29	54.53	55.08	0.87	ppb
Bismuth	209-1				101		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Cadmium	108-1	52.59	52.76	54.73	53.36	2.23	ppb
Cadmium	106-1	52.83	53.35	54.38	53.52	1.47	ppb
Cadmium	111-1	50.69	51.80	52.51	51.66	1.77	ppb
Calcium	43-1	5028.11	5064.27	4977.19	5023.19	0.87	ppb
Calcium	44-1	5005.91	5041.96	4904.23	4984.03	1.43	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	50.01	49.51	50.18	49.90	0.69	ppb
Cobalt	59-2	51.14	51.68	51.59	51.47	0.56	ppb
Copper	63-2	543.17	537.00	530.86	537.01	1.15	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				101		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	54-2	2649.32	2565.27	2624.70	2613.10	1.65	ppb
Iron	56-2	2645.35	2590.15	2531.79	2589.10	2.19	ppb
Iron	57-2	2580.45	2550.44	2543.23	2558.04	0.77	ppb
Krypton	83-1						cps
Lead	206-1	253.05	249.74	245.52	249.44	1.51	ppb

LB Number :	LB135893	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2025-05-22 12:37:13	DataFile Name :	007CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	246.96	246.30	244.58	245.95	0.50	ppb
Lead	208-1	248.81	246.67	245.53	247.00	0.67	ppb
Lithium	6-1				99		%
Magnesium	24-2	5294.10	5322.60	5346.10	5320.93	0.49	ppb
Manganese	55-2	513.58	509.27	511.22	511.36	0.42	ppb
Molybdenum	94-1	496.75	504.17	497.54	499.48	0.82	ppb
Molybdenum	95-1	510.12	513.60	504.33	509.35	0.92	ppb
Molybdenum	96-1	501.06	502.40	504.30	502.58	0.32	ppb
Molybdenum	97-1	507.59	506.68	515.94	510.07	1.00	ppb
Molybdenum	98-1	507.11	505.75	505.44	506.10	0.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	53.86	53.97	53.20	53.68	0.78	ppb
Phosphorus	31-2	914.35	904.35	901.09	906.60	0.76	ppb
Potassium	39-2	2606.34	2575.97	2594.82	2592.38	0.59	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	82-1	51.46	51.10	53.74	52.10	2.75	ppb
Selenium	77-2	49.39	53.32	50.58	51.10	3.95	ppb
Selenium	78-2	58.82	50.41	49.73	52.99	9.56	ppb
Silicon	28-1	51.31	51.73	50.54	51.19	1.17	ppb
Silver	107-1	50.92	51.75	52.51	51.72	1.54	ppb
Silver	109-1	51.23	52.36	53.50	52.36	2.17	ppb
Sodium	23-2	5082.84	5285.26	5149.92	5172.68	1.99	ppb
Strontium	86-1	48.66	49.24	50.03	49.31	1.40	ppb
Strontium	88-1	51.46	49.76	51.10	50.77	1.77	ppb
Sulfur	34-1	1432.82	1438.46	1303.42	1391.57	5.49	ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	46.20	47.07	47.84	47.04	1.75	ppb
Thallium	205-1	47.13	47.08	47.96	47.39	1.04	ppb
Tin	118-1	50.04	50.56	51.09	50.56	1.04	ppb
Titanium	47-1	497.71	506.30	499.79	501.27	0.89	ppb
Uranium	238-1	45.29	45.50	46.15	45.65	0.97	ppb

LB Number :	LB135893	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2025-05-22 12:37:13	DataFile Name :	007CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	50.94	50.58	51.00	50.84	0.44	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	516.42	512.34	513.73	514.16	0.40	ppb
Zirconium	90-1	48.10	49.22	49.18	48.84	1.30	ppb
Zirconium	91-1	49.28	49.36	49.69	49.45	0.44	ppb

LB Number :	LB135893	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2025-05-22 12:41:56	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2580.36	2576.22	2542.61	2566.40	0.81	ppb
Antimony	121-1	125.16	128.07	129.15	127.46	1.62	ppb
Arsenic	75-2	127.83	123.14	124.62	125.20	1.91	ppb
Barium	135-1	617.37	635.80	656.01	636.39	3.04	ppb
Barium	137-1	616.01	634.29	682.10	644.13	5.30	ppb
Beryllium	9-1	132.72	135.47	135.72	134.64	1.23	ppb
Bismuth	209-1				101		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Cadmium	108-1	128.12	131.75	133.89	131.26	2.22	ppb
Cadmium	106-1	126.61	130.97	132.93	130.17	2.49	ppb
Cadmium	111-1	124.56	127.75	129.66	127.32	2.02	ppb
Calcium	43-1	12458.80	12282.31	12633.06	12458.06	1.41	ppb
Calcium	44-1	12329.84	12161.69	12472.50	12321.34	1.26	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	123.67	123.96	122.96	123.53	0.41	ppb
Cobalt	59-2	126.94	127.00	125.84	126.59	0.52	ppb
Copper	63-2	1308.95	1313.08	1294.75	1305.59	0.74	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				98		%
Indium	115-1				102		%
Indium	115-2				96		%
Iron	54-2	6539.71	6464.55	6367.86	6457.37	1.33	ppb
Iron	56-2	6477.26	6499.71	6332.74	6436.57	1.41	ppb
Iron	57-2	6278.66	6317.31	6351.06	6315.67	0.57	ppb
Krypton	83-1						cps
Lead	206-1	607.36	624.74	612.69	614.93	1.45	ppb

LB Number :	LB135893	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2025-05-22 12:41:56	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	603.23	634.83	602.73	613.59	3.00	ppb
Lead	208-1	610.43	618.14	603.44	610.67	1.20	ppb
Lithium	6-1				98		%
Magnesium	24-2	12821.49	13004.23	13109.78	12978.50	1.12	ppb
Manganese	55-2	1289.31	1323.00	1279.72	1297.34	1.75	ppb
Molybdenum	94-1	1165.41	1234.06	1195.36	1198.28	2.87	ppb
Molybdenum	95-1	1201.66	1261.83	1221.13	1228.21	2.50	ppb
Molybdenum	96-1	1184.26	1239.87	1195.32	1206.49	2.44	ppb
Molybdenum	97-1	1182.53	1251.26	1214.25	1216.01	2.83	ppb
Molybdenum	98-1	1187.51	1239.82	1234.88	1220.74	2.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	131.57	131.70	131.12	131.46	0.23	ppb
Phosphorus	31-2	2323.43	2285.95	2366.26	2325.21	1.73	ppb
Potassium	39-2	6358.47	6471.90	6447.66	6426.01	0.93	ppb
Rhodium	103-1				97		%
Rhodium	103-2				95		%
Scandium	45-1				98		%
Scandium	45-2				97		%
Selenium	82-1	122.12	124.90	126.39	124.47	1.74	ppb
Selenium	77-2	129.95	126.99	119.40	125.45	4.34	ppb
Selenium	78-2	127.12	131.21	124.56	127.63	2.63	ppb
Silicon	28-1	128.32	124.34	128.46	127.04	1.84	ppb
Silver	107-1	131.85	135.15	134.21	133.74	1.27	ppb
Silver	109-1	132.44	135.04	137.34	134.94	1.82	ppb
Sodium	23-2	13050.55	12586.04	12702.95	12779.85	1.89	ppb
Strontium	86-1	116.43	121.94	119.48	119.28	2.31	ppb
Strontium	88-1	119.12	124.26	123.00	122.13	2.19	ppb
Sulfur	34-1	3443.26	3063.05	3277.20	3261.17	5.84	ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	115.45	119.73	116.43	117.20	1.91	ppb
Thallium	205-1	119.50	121.30	122.57	121.12	1.27	ppb
Tin	118-1	121.45	123.69	129.33	124.83	3.25	ppb
Titanium	47-1	1265.97	1220.23	1269.04	1251.74	2.18	ppb
Uranium	238-1	118.75	120.46	119.11	119.44	0.76	ppb

LB Number :	LB135893	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2025-05-22 12:41:56	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	124.98	125.69	124.32	125.00	0.55	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				97		%
Zinc	66-2	1261.95	1270.92	1265.67	1266.18	0.36	ppb
Zirconium	90-1	120.96	124.43	123.08	122.82	1.42	ppb
Zirconium	91-1	116.12	122.94	120.93	120.00	2.92	ppb

LB Number :	LB135893	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2025-05-22 12:44:58	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5144.21	5138.13	5167.12	5149.82	0.30	ppb
Antimony	121-1	251.05	262.39	253.22	255.55	2.36	ppb
Arsenic	75-2	253.81	253.36	246.73	251.30	1.58	ppb
Barium	135-1	1266.01	1326.86	1287.74	1293.54	2.38	ppb
Barium	137-1	1262.91	1339.38	1302.38	1301.56	2.94	ppb
Beryllium	9-1	267.15	270.79	274.75	270.89	1.40	ppb
Bismuth	209-1				99		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Cadmium	108-1	255.96	269.15	264.33	263.15	2.54	ppb
Cadmium	106-1	257.31	264.58	266.84	262.91	1.89	ppb
Cadmium	111-1	249.00	257.08	258.78	254.96	2.05	ppb
Calcium	43-1	26139.21	25393.57	25798.67	25777.15	1.45	ppb
Calcium	44-1	26076.67	25150.93	25574.02	25600.54	1.81	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	248.48	249.62	250.40	249.50	0.39	ppb
Cobalt	59-2	254.37	250.65	253.35	252.79	0.76	ppb
Copper	63-2	2610.26	2568.65	2608.77	2595.89	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				103		%
Holmium	165-2				100		%
Indium	115-1				98		%
Indium	115-2				94		%
Iron	54-2	13260.34	13247.08	13200.90	13236.11	0.24	ppb
Iron	56-2	12901.92	12834.56	12806.33	12847.60	0.38	ppb
Iron	57-2	12659.58	12685.18	12540.73	12628.50	0.61	ppb
Krypton	83-1						cps
Lead	206-1	1295.98	1249.37	1258.92	1268.09	1.94	ppb

LB Number :	LB135893	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2025-05-22 12:44:58	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	1283.37	1275.16	1257.63	1272.05	1.03	ppb
Lead	208-1	1258.45	1262.04	1274.44	1264.98	0.66	ppb
Lithium	6-1				95		%
Magnesium	24-2	26138.59	25940.17	25332.84	25803.87	1.63	ppb
Manganese	55-2	2566.09	2546.08	2595.14	2569.10	0.96	ppb
Molybdenum	94-1	2506.09	2459.93	2463.17	2476.40	1.04	ppb
Molybdenum	95-1	2452.13	2489.13	2500.89	2480.72	1.03	ppb
Molybdenum	96-1	2499.84	2523.68	2414.50	2479.34	2.32	ppb
Molybdenum	97-1	2515.97	2495.77	2516.36	2509.37	0.47	ppb
Molybdenum	98-1	2513.29	2461.64	2489.99	2488.31	1.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	263.30	262.62	262.09	262.67	0.23	ppb
Phosphorus	31-2	4940.13	4931.13	5038.49	4969.92	1.20	ppb
Potassium	39-2	12917.33	12871.80	12655.98	12815.04	1.09	ppb
Rhodium	103-1				94		%
Rhodium	103-2				93		%
Scandium	45-1				94		%
Scandium	45-2				95		%
Selenium	82-1	257.04	259.84	255.11	257.33	0.92	ppb
Selenium	77-2	245.97	238.36	250.31	244.88	2.47	ppb
Selenium	78-2	262.92	247.62	248.19	252.91	3.43	ppb
Silicon	28-1	256.27	259.35	256.57	257.39	0.66	ppb
Silver	107-1	259.86	270.25	262.45	264.18	2.05	ppb
Silver	109-1	257.73	267.67	271.82	265.74	2.72	ppb
Sodium	23-2	25819.21	26106.45	25982.90	25969.52	0.55	ppb
Strontium	86-1	244.09	247.41	243.10	244.87	0.92	ppb
Strontium	88-1	247.60	253.61	251.43	250.88	1.21	ppb
Sulfur	34-1	7041.87	6651.57	6431.98	6708.47	4.60	ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	263.91	255.60	249.21	256.24	2.88	ppb
Thallium	205-1	249.76	252.04	252.59	251.46	0.60	ppb
Tin	118-1	256.79	260.45	265.38	260.87	1.65	ppb
Titanium	47-1	2603.52	2487.14	2514.55	2535.07	2.40	ppb
Uranium	238-1	244.88	249.81	249.86	248.18	1.15	ppb

LB Number :	LB135893	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2025-05-22 12:44:58	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	251.71	250.67	253.89	252.09	0.65	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				95		%
Zinc	66-2	2527.12	2529.88	2530.67	2529.22	0.07	ppb
Zirconium	90-1	250.19	257.49	245.67	251.12	2.38	ppb
Zirconium	91-1	243.01	247.96	244.02	245.00	1.07	ppb

LB Number :	LB135893	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2025-05-22 12:48:00	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10133.47	10452.33	10362.13	10315.98	1.59	ppb
Antimony	121-1	498.13	498.85	507.20	501.40	1.01	ppb
Arsenic	75-2	499.59	502.73	510.51	504.28	1.11	ppb
Barium	135-1	2517.97	2542.92	2544.85	2535.24	0.59	ppb
Barium	137-1	2515.42	2559.99	2541.26	2538.89	0.88	ppb
Beryllium	9-1	503.00	494.32	489.03	495.45	1.42	ppb
Bismuth	209-1				98		%
Bismuth	209-2				93		%
Bromine	81-1						cps
Cadmium	108-1	497.38	511.14	510.80	506.44	1.55	ppb
Cadmium	106-1	495.15	512.41	513.50	507.02	2.03	ppb
Cadmium	111-1	511.99	502.88	513.41	509.42	1.12	ppb
Calcium	43-1	51749.92	48925.29	49521.76	50065.66	2.97	ppb
Calcium	44-1	51673.59	49317.22	49788.97	50259.93	2.48	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	500.55	504.18	510.24	504.99	0.97	ppb
Cobalt	59-2	525.01	523.79	520.80	523.20	0.41	ppb
Copper	63-2	5222.73	5199.92	5131.35	5184.67	0.92	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				97		%
Indium	115-1				95		%
Indium	115-2				89		%
Iron	54-2	25907.13	26928.12	26440.96	26425.40	1.93	ppb
Iron	56-2	25244.88	25594.64	25957.86	25599.13	1.39	ppb
Iron	57-2	24786.61	25399.62	25306.30	25164.18	1.31	ppb
Krypton	83-1						cps
Lead	206-1	2485.79	2484.96	2460.33	2477.03	0.58	ppb

LB Number :	LB135893	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2025-05-22 12:48:00	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2465.19	2551.88	2483.92	2500.33	1.82	ppb
Lead	208-1	2475.09	2523.90	2457.98	2485.66	1.38	ppb
Lithium	6-1				93		%
Magnesium	24-2	51912.92	52284.21	52600.58	52265.90	0.66	ppb
Manganese	55-2	4995.74	5062.26	5011.67	5023.22	0.69	ppb
Molybdenum	94-1	5088.67	4944.13	5021.36	5018.05	1.44	ppb
Molybdenum	95-1	5132.92	4983.32	5026.84	5047.69	1.52	ppb
Molybdenum	96-1	4990.90	4914.35	4969.82	4958.36	0.80	ppb
Molybdenum	97-1	5009.61	5036.86	4955.75	5000.74	0.83	ppb
Molybdenum	98-1	5149.52	5109.44	5121.51	5126.82	0.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	513.87	525.47	516.60	518.65	1.17	ppb
Phosphorus	31-2	9948.02	10032.41	10334.11	10104.85	2.01	ppb
Potassium	39-2	25859.44	26281.36	25905.61	26015.47	0.89	ppb
Rhodium	103-1				90		%
Rhodium	103-2				90		%
Scandium	45-1				93		%
Scandium	45-2				92		%
Selenium	82-1	505.80	499.64	505.52	503.65	0.69	ppb
Selenium	77-2	537.34	499.33	538.90	525.19	4.27	ppb
Selenium	78-2	520.58	517.03	521.51	519.71	0.46	ppb
Silicon	28-1	518.01	491.40	495.82	501.74	2.84	ppb
Silver	107-1	510.31	514.70	498.64	507.88	1.63	ppb
Silver	109-1	505.69	506.66	513.15	508.50	0.80	ppb
Sodium	23-2	50508.90	51508.23	53569.82	51862.32	3.01	ppb
Strontium	86-1	509.59	495.05	506.94	503.86	1.54	ppb
Strontium	88-1	490.53	492.20	499.37	494.03	0.95	ppb
Sulfur	34-1	10448.17	9273.12	9235.94	9652.41	7.14	ppb
Terbium	159-1				100		%
Terbium	159-2				95		%
Thallium	203-1	499.46	505.59	495.98	500.34	0.97	ppb
Thallium	205-1	497.02	486.31	488.44	490.59	1.16	ppb
Tin	118-1	486.88	498.48	508.95	498.11	2.22	ppb
Titanium	47-1	5155.72	4831.64	4937.73	4975.03	3.32	ppb
Uranium	238-1	492.49	505.68	484.71	494.29	2.14	ppb

LB Number :	LB135893	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2025-05-22 12:48:00	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	503.35	507.30	508.83	506.49	0.56	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				97		%
Yttrium	89-2				92		%
Zinc	66-2	5167.40	5261.64	5193.13	5207.39	0.94	ppb
Zirconium	90-1	511.41	497.54	498.28	502.41	1.55	ppb
Zirconium	91-1	515.26	505.05	505.72	508.68	1.12	ppb

LB Number :	LB135893	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2025-05-22 12:50:45	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20234.70	20423.43	19935.26	20197.80	1.22	ppb
Antimony	121-1	965.33	1012.38	1015.21	997.64	2.81	ppb
Arsenic	75-2	1011.10	996.75	984.59	997.48	1.33	ppb
Barium	135-1	4887.52	4988.32	5034.48	4970.11	1.51	ppb
Barium	137-1	4732.98	5109.37	5052.99	4965.11	4.09	ppb
Beryllium	9-1	974.36	1015.37	997.04	995.59	2.06	ppb
Bismuth	209-1				95		%
Bismuth	209-2				89		%
Bromine	81-1						cps
Cadmium	108-1	972.76	995.79	1009.08	992.54	1.85	ppb
Cadmium	106-1	964.81	1007.92	1004.59	992.44	2.42	ppb
Cadmium	111-1	964.01	1002.85	1014.16	993.67	2.65	ppb
Calcium	43-1	94182.82	99583.27	98222.46	97329.52	2.89	ppb
Calcium	44-1	96983.10	101073.55	100068.00	99374.88	2.14	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1017.15	996.01	980.29	997.82	1.85	ppb
Cobalt	59-2	1004.89	995.75	961.65	987.43	2.31	ppb
Copper	63-2	9953.43	9820.59	9850.65	9874.89	0.71	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				94		%
Indium	115-1				89		%
Indium	115-2				84		%
Iron	54-2	51040.42	50799.42	50845.27	50895.04	0.25	ppb
Iron	56-2	50724.83	49695.05	47838.47	49419.45	2.96	ppb
Iron	57-2	49983.09	50795.75	50459.70	50412.85	0.81	ppb
Krypton	83-1						cps
Lead	206-1	5049.36	5003.84	4971.55	5008.25	0.78	ppb

LB Number :	LB135893	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2025-05-22 12:50:45	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	4936.87	5126.42	4924.56	4995.95	2.27	ppb
Lead	208-1	4959.52	5072.48	4984.10	5005.37	1.19	ppb
Lithium	6-1				89		%
Magnesium	24-2	102552.15	100458.07	100514.34	101174.85	1.18	ppb
Manganese	55-2	10058.01	9970.87	9865.00	9964.63	0.97	ppb
Molybdenum	94-1	9987.48	10119.80	9902.81	10003.36	1.09	ppb
Molybdenum	95-1	10078.12	10021.07	9850.50	9983.23	1.19	ppb
Molybdenum	96-1	10118.23	10072.94	9902.72	10031.30	1.13	ppb
Molybdenum	97-1	9856.10	10204.87	9942.13	10001.03	1.82	ppb
Molybdenum	98-1	9949.46	10090.90	9788.23	9942.87	1.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1002.26	979.43	977.86	986.52	1.38	ppb
Phosphorus	31-2	20149.20	20089.10	19706.54	19981.62	1.20	ppb
Potassium	39-2	50467.38	49383.51	49481.21	49777.37	1.20	ppb
Rhodium	103-1				87		%
Rhodium	103-2				85		%
Scandium	45-1				90		%
Scandium	45-2				92		%
Selenium	82-1	1008.30	996.27	984.33	996.30	1.20	ppb
Selenium	77-2	1018.86	977.98	968.90	988.58	2.69	ppb
Selenium	78-2	1021.81	979.38	965.61	988.93	2.96	ppb
Silicon	28-1	1007.11	996.84	987.23	997.06	1.00	ppb
Silver	107-1	974.20	991.69	1008.12	991.33	1.71	ppb
Silver	109-1	977.32	981.76	1012.29	990.46	1.92	ppb
Sodium	23-2	100899.39	99676.50	101123.05	100566.31	0.77	ppb
Strontium	86-1	1009.80	995.98	994.52	1000.10	0.84	ppb
Strontium	88-1	999.24	1008.15	1001.86	1003.08	0.46	ppb
Sulfur	34-1	19669.15	19954.28	19272.42	19631.95	1.74	ppb
Terbium	159-1				97		%
Terbium	159-2				95		%
Thallium	203-1	1012.26	1000.02	985.90	999.39	1.32	ppb
Thallium	205-1	1009.87	987.61	1017.39	1004.95	1.54	ppb
Tin	118-1	973.75	1012.05	1008.86	998.22	2.13	ppb
Titanium	47-1	9841.79	10090.84	10077.68	10003.44	1.40	ppb
Uranium	238-1	990.01	1021.58	1001.07	1004.22	1.60	ppb

LB Number :	LB135893	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2025-05-22 12:50:45	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	988.53	1007.64	992.40	996.19	1.01	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				95		%
Yttrium	89-2				90		%
Zinc	66-2	10122.43	9817.94	9718.43	9886.27	2.13	ppb
Zirconium	90-1	994.54	1011.23	990.77	998.85	1.09	ppb
Zirconium	91-1	998.51	1002.92	991.27	997.57	0.59	ppb

LB Number :	LB135893	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2025-05-22 12:53:32	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99408.97	99334.59	101014.84	99919.47	0.95	ppb
Antimony	121-1	0.59	0.56	0.55	0.56	3.16	ppb
Arsenic	75-2	0.36	0.41	0.43	0.40	9.16	ppb
Barium	135-1	2.35	2.35	2.30	2.33	1.35	ppb
Barium	137-1	2.45	2.30	2.39	2.38	3.25	ppb
Beryllium	9-1	0.25	0.21	0.18	0.21	16.72	ppb
Bismuth	209-1				87		%
Bismuth	209-2				82		%
Bromine	81-1						cps
Cadmium	108-1	0.69	0.45	0.44	0.53	26.75	ppb
Cadmium	106-1	-0.88	-0.38	-0.98	-0.75		ppb
Cadmium	111-1	0.07	0.12	0.08	0.09	28.88	ppb
Calcium	43-1	503180.43	495272.28	503015.72	500489.48	0.90	ppb
Calcium	44-1	502394.91	502455.43	495370.49	500073.61	0.81	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.27	1.30	1.25	1.27	1.98	ppb
Cobalt	59-2	1.18	1.20	1.18	1.19	1.17	ppb
Copper	63-2	1.27	1.25	1.24	1.25	1.32	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				92		%
Indium	115-1				86		%
Indium	115-2				83		%
Iron	54-2	251778.01	247765.16	249362.82	249635.33	0.81	ppb
Iron	56-2	248922.94	251994.26	249182.59	250033.26	0.68	ppb
Iron	57-2	248736.09	249651.43	251289.58	249892.37	0.52	ppb
Krypton	83-1						cps
Lead	206-1	3.84	3.85	3.82	3.83	0.42	ppb

LB Number :	LB135893	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2025-05-22 12:53:32	DataFile Name :	012CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	3.93	3.85	3.86	3.88	1.05	ppb
Lead	208-1	3.85	3.84	3.86	3.85	0.19	ppb
Lithium	6-1				82		%
Magnesium	24-2	500135.17	494411.51	503902.42	499483.03	0.96	ppb
Manganese	55-2	3.94	3.62	3.70	3.76	4.43	ppb
Molybdenum	94-1	2.81	2.55	2.55	2.64	5.71	ppb
Molybdenum	95-1	1.48	1.31	1.19	1.33	11.15	ppb
Molybdenum	96-1	2.31	2.09	2.05	2.15	6.61	ppb
Molybdenum	97-1	1.41	1.26	1.20	1.29	8.40	ppb
Molybdenum	98-1	1.41	1.20	1.16	1.26	10.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.49	2.40	2.52	2.47	2.58	ppb
Phosphorus	31-2	-122.95	-139.89	-126.94	-129.93		ppb
Potassium	39-2	250035.78	249432.86	250296.95	249921.87	0.18	ppb
Rhodium	103-1				80		%
Rhodium	103-2				78		%
Scandium	45-1				87		%
Scandium	45-2				85		%
Selenium	82-1	1.32	0.80	0.63	0.92	39.29	ppb
Selenium	77-2	-0.25	-0.25	-0.25	-0.25		ppb
Selenium	78-2	1.82	-0.27	2.11	1.22	106.50	ppb
Silicon	28-1	1.73	1.09	1.05	1.29	29.52	ppb
Silver	107-1	0.11	0.10	0.10	0.10	6.41	ppb
Silver	109-1	0.11	0.11	0.08	0.10	13.34	ppb
Sodium	23-2	499261.62	499846.76	499821.47	499643.28	0.07	ppb
Strontium	86-1	3.42	3.35	3.25	3.34	2.58	ppb
Strontium	88-1	3.48	3.36	3.41	3.42	1.69	ppb
Sulfur	34-1	-389.86	-464.32	-274.82	-376.33		ppb
Terbium	159-1				93		%
Terbium	159-2				92		%
Thallium	203-1	0.10	0.07	0.07	0.08	17.33	ppb
Thallium	205-1	0.09	0.08	0.08	0.08	8.98	ppb
Tin	118-1	0.14	0.07	0.07	0.10	42.39	ppb
Titanium	47-1	1.10	1.03	1.00	1.05	4.67	ppb
Uranium	238-1	0.06	0.05	0.04	0.05	14.42	ppb

LB Number :	LB135893	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2025-05-22 12:53:32	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.26	0.25	0.26	0.26	1.75	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				91		%
Yttrium	89-2				86		%
Zinc	66-2	43.89	42.99	43.93	43.60	1.23	ppb
Zirconium	90-1	0.85	0.79	0.82	0.82	3.59	ppb
Zirconium	91-1	0.83	0.79	0.87	0.83	4.86	ppb

LB Number :	LB135893	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired :	2025-05-22 13:26:41	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	473.49	459.75	456.48	463.24	1.95	ppb
Antimony	121-1	194.29	193.33	199.51	195.71	1.70	ppb
Arsenic	75-2	191.49	192.49	193.47	192.48	0.52	ppb
Barium	135-1	95.90	98.25	97.28	97.14	1.22	ppb
Barium	137-1	97.56	97.11	99.14	97.94	1.09	ppb
Beryllium	9-1	104.75	106.31	108.37	106.48	1.70	ppb
Bismuth	209-1				100		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Cadmium	108-1	82.64	83.84	85.56	84.01	1.75	ppb
Cadmium	106-1	77.56	76.79	79.49	77.95	1.79	ppb
Cadmium	111-1	98.20	97.50	98.41	98.04	0.49	ppb
Calcium	43-1	1816.95	1872.57	1914.01	1867.85	2.61	ppb
Calcium	44-1	1811.95	1873.24	1927.11	1870.77	3.08	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	96.30	95.06	96.46	95.94	0.80	ppb
Cobalt	59-2	99.74	98.74	100.10	99.52	0.70	ppb
Copper	63-2	101.24	100.25	101.52	101.00	0.66	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				101		%
Holmium	165-2				100		%
Indium	115-1				98		%
Indium	115-2				98		%
Iron	54-2	2008.13	1971.71	2012.37	1997.41	1.12	ppb
Iron	56-2	1929.45	1922.83	1978.91	1943.73	1.58	ppb
Iron	57-2	1901.95	1883.66	1880.69	1888.76	0.61	ppb
Krypton	83-1						cps
Lead	206-1	202.98	205.65	201.74	203.45	0.98	ppb

LB Number :	LB135893	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired :	2025-05-22 13:26:41	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	186.84	190.28	190.98	189.37	1.17	ppb
Lead	208-1	199.25	201.80	198.46	199.84	0.87	ppb
Lithium	6-1				97		%
Magnesium	24-2	1141.32	1124.97	1153.15	1139.81	1.24	ppb
Manganese	55-2	99.76	97.51	98.48	98.58	1.15	ppb
Molybdenum	94-1	0.09	0.10	0.09	0.09	5.31	ppb
Molybdenum	95-1	0.02	0.03	0.02	0.03	22.95	ppb
Molybdenum	96-1	0.05	0.05	0.05	0.05	3.53	ppb
Molybdenum	97-1	0.04	0.03	0.03	0.04	12.21	ppb
Molybdenum	98-1	0.03	0.03	0.04	0.03	17.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	111.18	109.15	110.59	110.30	0.95	ppb
Phosphorus	31-2	-134.52	-133.69	-141.86	-136.69		ppb
Potassium	39-2	1901.47	1872.96	1899.75	1891.39	0.85	ppb
Rhodium	103-1				98		%
Rhodium	103-2				97		%
Scandium	45-1				96		%
Scandium	45-2				98		%
Selenium	82-1	200.18	210.44	202.54	204.39	2.63	ppb
Selenium	77-2	178.56	200.02	221.05	199.88	10.63	ppb
Selenium	78-2	212.12	205.66	204.46	207.41	1.99	ppb
Silicon	28-1	-0.17	-0.21	-0.08	-0.16		ppb
Silver	107-1	45.99	47.06	46.77	46.61	1.19	ppb
Silver	109-1	46.84	47.19	47.17	47.07	0.41	ppb
Sodium	23-2	1969.18	1941.24	1961.36	1957.26	0.74	ppb
Strontium	86-1	0.21	0.27	0.22	0.23	13.31	ppb
Strontium	88-1	0.23	0.24	0.22	0.23	2.46	ppb
Sulfur	34-1	348.29	225.17	496.95	356.80	38.14	ppb
Terbium	159-1				100		%
Terbium	159-2				101		%
Thallium	203-1	208.60	208.79	206.05	207.81	0.74	ppb
Thallium	205-1	206.84	200.54	201.78	203.05	1.64	ppb
Tin	118-1	-0.05	-0.06	-0.05	-0.05		ppb
Titanium	47-1	0.04	0.03	0.04	0.04	19.62	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB135893	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired :	2025-05-22 13:26:41	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	95.83	94.69	95.55	95.36	0.62	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				98		%
Zinc	66-2	200.13	198.95	202.43	200.50	0.88	ppb
Zirconium	90-1	0.02	0.03	0.03	0.03	5.88	ppb
Zirconium	91-1	0.08	0.11	0.12	0.10	16.63	ppb

LB Number :	LB135893	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired :	2025-05-22 13:33:55	DataFile Name :	015LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22.72	23.38	24.19	23.43	3.15	ppb
Antimony	121-1	2.08	2.03	2.12	2.08	1.95	ppb
Arsenic	75-2	0.92	1.22	1.01	1.05	14.67	ppb
Barium	135-1	10.37	10.17	10.20	10.25	1.08	ppb
Barium	137-1	10.38	10.28	10.57	10.41	1.41	ppb
Beryllium	9-1	1.17	1.23	1.17	1.19	3.01	ppb
Bismuth	209-1				97		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Cadmium	108-1	1.17	0.87	0.97	1.00	15.05	ppb
Cadmium	106-1	-0.65	-1.05	0.03	-0.55		ppb
Cadmium	111-1	0.90	0.83	0.95	0.89	6.33	ppb
Calcium	43-1	523.31	537.55	528.88	529.91	1.35	ppb
Calcium	44-1	521.76	533.72	526.82	527.43	1.14	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.99	2.09	1.94	2.01	3.71	ppb
Cobalt	59-2	1.13	1.11	1.10	1.12	1.31	ppb
Copper	63-2	2.11	1.93	2.07	2.04	4.59	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				97		%
Indium	115-1				98		%
Indium	115-2				97		%
Iron	54-2	55.91	56.47	55.55	55.98	0.83	ppb
Iron	56-2	53.05	52.42	53.41	52.96	0.95	ppb
Iron	57-2	54.22	51.36	53.76	53.11	2.89	ppb
Krypton	83-1						cps
Lead	206-1	0.87	0.87	0.89	0.87	1.47	ppb

LB Number :	LB135893	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired :	2025-05-22 13:33:55	DataFile Name :	015LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.90	0.86	0.91	0.89	3.07	ppb
Lead	208-1	0.87	0.87	0.89	0.88	1.43	ppb
Lithium	6-1				95		%
Magnesium	24-2	552.64	539.52	555.59	549.25	1.56	ppb
Manganese	55-2	1.15	1.11	1.00	1.09	7.29	ppb
Molybdenum	94-1	6.19	6.11	6.14	6.15	0.59	ppb
Molybdenum	95-1	5.08	5.09	5.10	5.09	0.22	ppb
Molybdenum	96-1	5.15	5.23	4.99	5.12	2.36	ppb
Molybdenum	97-1	5.14	5.16	5.21	5.17	0.70	ppb
Molybdenum	98-1	5.03	5.18	4.98	5.06	2.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.95	0.92	0.95	0.94	1.70	ppb
Phosphorus	31-2	138.55	139.03	148.62	142.07	4.00	ppb
Potassium	39-2	524.76	521.56	538.18	528.17	1.67	ppb
Rhodium	103-1				96		%
Rhodium	103-2				96		%
Scandium	45-1				94		%
Scandium	45-2				97		%
Selenium	82-1	5.46	5.78	5.39	5.54	3.75	ppb
Selenium	77-2	4.50	3.73	5.28	4.50	17.12	ppb
Selenium	78-2	5.64	3.12	5.86	4.87	31.29	ppb
Silicon	28-1	0.19	0.23	0.25	0.23	13.97	ppb
Silver	107-1	1.11	1.11	1.13	1.12	1.20	ppb
Silver	109-1	1.14	1.14	1.15	1.14	0.61	ppb
Sodium	23-2	535.52	536.42	550.32	540.75	1.53	ppb
Strontium	86-1	1.03	1.02	1.03	1.03	0.49	ppb
Strontium	88-1	1.03	1.03	1.02	1.03	0.79	ppb
Sulfur	34-1	1024.69	972.76	930.73	976.06	4.82	ppb
Terbium	159-1				98		%
Terbium	159-2				99		%
Thallium	203-1	0.96	0.99	1.02	0.99	2.87	ppb
Thallium	205-1	1.00	1.01	1.03	1.01	1.48	ppb
Tin	118-1	5.22	5.11	5.19	5.18	1.10	ppb
Titanium	47-1	5.22	5.67	5.53	5.47	4.17	ppb
Uranium	238-1	0.94	0.98	0.96	0.96	2.03	ppb

LB Number :	LB135893	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired :	2025-05-22 13:33:55	DataFile Name :	015LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	5.22	5.04	5.31	5.19	2.60	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				97		%
Yttrium	89-2				96		%
Zinc	66-2	5.56	5.53	5.24	5.44	3.19	ppb
Zirconium	90-1	1.10	1.11	1.06	1.09	2.50	ppb
Zirconium	91-1	1.17	1.07	1.09	1.11	4.38	ppb

LB Number :	LB135893	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired :	2025-05-22 13:40:46	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.32	-0.95	-0.54	-0.60		ppb
Antimony	121-1	0.01	0.01	0.01	0.01	11.44	ppb
Arsenic	75-2	-0.02	0.04	-0.01	0.00	2916.33	ppb
Barium	135-1	-0.03	-0.02	-0.02	-0.03		ppb
Barium	137-1	-0.01	-0.02	-0.02	-0.02		ppb
Beryllium	9-1	0.01	0.00	0.00	0.00	185.73	ppb
Bismuth	209-1				97		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Cadmium	108-1	0.00	0.02	-0.02	0.00	1491.66	ppb
Cadmium	106-1	-1.93	-1.08	-1.47	-1.49		ppb
Cadmium	111-1	-0.15	-0.08	-0.11	-0.12		ppb
Calcium	43-1	-12.92	-11.95	-13.66	-12.84		ppb
Calcium	44-1	-12.69	-13.64	-14.24	-13.52		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.06	-0.06	-0.09	-0.07		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	-0.22	-0.19	-0.16	-0.19		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				97		%
Indium	115-1				97		%
Indium	115-2				96		%
Iron	54-2	-1.89	-1.25	-2.39	-1.84		ppb
Iron	56-2	-1.72	-1.86	-1.89	-1.82		ppb
Iron	57-2	-1.62	-2.28	-2.67	-2.19		ppb
Krypton	83-1						cps
Lead	206-1	0.01	0.00	0.00	0.00	55.55	ppb

LB Number :	LB135893	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired :	2025-05-22 13:40:46	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.01	0.02	0.02	0.02	34.31	ppb
Lead	208-1	0.01	0.01	0.01	0.01	6.44	ppb
Lithium	6-1				95		%
Magnesium	24-2	-0.57	-0.95	-0.64	-0.72		ppb
Manganese	55-2	-0.14	-0.12	-0.16	-0.14		ppb
Molybdenum	94-1	0.01	0.00	0.00	0.01	92.86	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00		ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00		ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00		ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.05	-0.08	-0.04	-0.06		ppb
Phosphorus	31-2	-136.37	-134.91	-149.06	-140.11		ppb
Potassium	39-2	3.68	4.89	5.42	4.67	19.13	ppb
Rhodium	103-1				96		%
Rhodium	103-2				95		%
Scandium	45-1				96		%
Scandium	45-2				96		%
Selenium	82-1	-0.28	-0.56	-0.08	-0.31		ppb
Selenium	77-2	-0.25	-0.25	-0.25	-0.25		ppb
Selenium	78-2	-1.10	-0.86	-0.86	-0.94		ppb
Silicon	28-1	-0.45	-0.55	-0.29	-0.43		ppb
Silver	107-1	0.00	0.00	0.00	0.00	18.81	ppb
Silver	109-1	0.00	0.00	0.00	0.00	31.71	ppb
Sodium	23-2	10.38	11.37	13.01	11.59	11.48	ppb
Strontium	86-1	-0.01	-0.01	-0.02	-0.01		ppb
Strontium	88-1	-0.01	-0.01	-0.01	-0.01		ppb
Sulfur	34-1	575.92	410.36	485.18	490.49	16.90	ppb
Terbium	159-1				98		%
Terbium	159-2				97		%
Thallium	203-1	0.00	0.00	0.01	0.00	86.90	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	42.89	ppb
Tin	118-1	-0.09	-0.08	-0.08	-0.09		ppb
Titanium	47-1	0.00	0.02	-0.01	0.00	475.59	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB135893	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired :	2025-05-22 13:40:46	DataFile Name :	017CCBE.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				98		%
Yttrium	89-2				95		%
Zinc	66-2	-0.76	-0.46	-0.66	-0.63		ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	26.91	ppb
Zirconium	91-1	0.00	0.01	0.00	0.01	115.13	ppb

LB Number :	LB135893	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired :	2025-05-22 13:44:09	DataFile Name :	018ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	92381.90	91976.46	91279.50	91879.29	0.61	ppb
Antimony	121-1	1.08	1.06	1.11	1.08	2.25	ppb
Arsenic	75-2	0.29	0.21	0.23	0.24	15.27	ppb
Barium	135-1	1.36	1.36	1.39	1.37	1.21	ppb
Barium	137-1	1.40	1.35	1.44	1.40	3.16	ppb
Beryllium	9-1	0.31	0.29	0.31	0.30	3.84	ppb
Bismuth	209-1				91		%
Bismuth	209-2				89		%
Bromine	81-1						cps
Cadmium	108-1	13.39	12.81	13.37	13.19	2.49	ppb
Cadmium	106-1	-1.23	-1.91	-1.76	-1.63		ppb
Cadmium	111-1	0.41	0.24	0.38	0.34	26.13	ppb
Calcium	43-1	98040.00	97409.46	96567.83	97339.10	0.76	ppb
Calcium	44-1	97953.75	99736.47	100760.90	99483.71	1.43	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	19.48	19.88	19.25	19.54	1.63	ppb
Cobalt	59-2	1.18	1.22	1.18	1.19	1.92	ppb
Copper	63-2	7.33	7.55	7.68	7.52	2.34	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				93		%
Indium	115-1				91		%
Indium	115-2				88		%
Iron	54-2	99872.93	99535.51	101191.15	100199.86	0.87	ppb
Iron	56-2	100588.25	101672.36	100742.60	101001.07	0.58	ppb
Iron	57-2	97861.66	100253.23	99396.72	99170.54	1.22	ppb
Krypton	83-1						cps
Lead	206-1	4.59	4.48	4.59	4.55	1.32	ppb

LB Number :	LB135893	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired :	2025-05-22 13:44:09	DataFile Name :	018ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	4.10	4.10	4.29	4.16	2.67	ppb
Lead	208-1	4.23	4.25	4.37	4.28	1.72	ppb
Lithium	6-1				89		%
Magnesium	24-2	96115.86	94654.55	92582.16	94450.86	1.88	ppb
Manganese	55-2	8.96	8.69	8.94	8.86	1.72	ppb
Molybdenum	94-1	1617.43	1548.90	1590.34	1585.55	2.18	ppb
Molybdenum	95-1	2014.77	1943.14	2010.64	1989.52	2.02	ppb
Molybdenum	96-1	1946.59	1916.36	1892.82	1918.59	1.41	ppb
Molybdenum	97-1	1984.19	1947.32	2001.61	1977.71	1.40	ppb
Molybdenum	98-1	1962.28	1946.61	2003.76	1970.88	1.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.61	5.60	5.69	5.63	0.81	ppb
Phosphorus	31-2	103885.13	103032.92	102195.67	103037.90	0.82	ppb
Potassium	39-2	98939.80	98090.02	99681.00	98903.60	0.80	ppb
Rhodium	103-1				88		%
Rhodium	103-2				85		%
Scandium	45-1				90		%
Scandium	45-2				90		%
Selenium	82-1	0.00	-0.29	-0.21	-0.17		ppb
Selenium	77-2	-0.25	-0.25	0.59	0.03	1710.72	ppb
Selenium	78-2	-0.58	-1.32	-0.58	-0.83		ppb
Silicon	28-1	2.74	2.81	2.89	2.81	2.65	ppb
Silver	107-1	0.05	0.05	0.05	0.05	3.50	ppb
Silver	109-1	0.07	0.05	0.05	0.06	19.92	ppb
Sodium	23-2	100081.22	100031.51	100498.20	100203.64	0.26	ppb
Strontium	86-1	33.29	32.58	33.18	33.02	1.15	ppb
Strontium	88-1	33.54	32.78	33.64	33.32	1.40	ppb
Sulfur	34-1	99401.32	98999.17	99896.74	99432.41	0.45	ppb
Terbium	159-1				95		%
Terbium	159-2				95		%
Thallium	203-1	0.09	0.13	0.16	0.12	26.22	ppb
Thallium	205-1	0.09	0.13	0.15	0.12	27.65	ppb
Tin	118-1	0.12	0.11	0.09	0.11	11.94	ppb
Titanium	47-1	1990.28	2063.15	2076.13	2043.18	2.26	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	11.53	ppb

LB Number :	LB135893	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired :	2025-05-22 13:44:09	DataFile Name :	018ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.19	0.13	0.17	0.16	20.23	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				94		%
Yttrium	89-2				90		%
Zinc	66-2	9.85	10.04	10.60	10.16	3.85	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	8.45	ppb
Zirconium	91-1	0.03	0.03	0.03	0.03	4.51	ppb

LB Number :	LB135893	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired :	2025-05-22 13:47:20	DataFile Name :	019ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	93471.61	81399.51	87265.82	87378.98	6.91	ppb
Antimony	121-1	20.50	20.57	20.20	20.42	0.97	ppb
Arsenic	75-2	20.53	16.85	19.60	18.99	10.08	ppb
Barium	135-1	21.21	20.78	20.87	20.95	1.07	ppb
Barium	137-1	21.79	21.56	21.38	21.58	0.94	ppb
Beryllium	9-1	21.64	21.93	21.76	21.78	0.66	ppb
Bismuth	209-1				91		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Cadmium	108-1	28.92	27.33	28.10	28.12	2.84	ppb
Cadmium	106-1	13.49	12.56	11.97	12.67	6.05	ppb
Cadmium	111-1	19.68	19.28	19.22	19.39	1.28	ppb
Calcium	43-1	98307.03	97927.99	96560.32	97598.45	0.94	ppb
Calcium	44-1	99934.86	97744.67	93104.01	96927.84	3.60	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	39.18	34.40	37.36	36.98	6.52	ppb
Cobalt	59-2	21.62	18.65	20.03	20.10	7.40	ppb
Copper	63-2	27.53	24.26	26.53	26.11	6.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				97		%
Indium	115-1				92		%
Indium	115-2				92		%
Iron	54-2	101720.71	89768.93	97323.63	96271.09	6.28	ppb
Iron	56-2	100271.90	88437.44	97036.01	95248.45	6.42	ppb
Iron	57-2	99193.09	89302.73	95414.52	94636.78	5.27	ppb
Krypton	83-1						cps
Lead	206-1	24.86	25.14	24.84	24.95	0.67	ppb

LB Number :	LB135893	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired :	2025-05-22 13:47:20	DataFile Name :	019ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	24.16	24.54	24.63	24.44	1.02	ppb
Lead	208-1	24.20	24.65	24.39	24.41	0.93	ppb
Lithium	6-1				88		%
Magnesium	24-2	93994.56	83842.44	91515.77	89784.26	5.90	ppb
Manganese	55-2	27.71	24.86	26.10	26.22	5.47	ppb
Molybdenum	94-1	1544.79	1576.70	1578.71	1566.73	1.21	ppb
Molybdenum	95-1	1903.37	1931.81	1963.86	1933.01	1.57	ppb
Molybdenum	96-1	1863.03	1825.46	1912.87	1867.12	2.35	ppb
Molybdenum	97-1	1926.45	1914.58	1972.68	1937.90	1.58	ppb
Molybdenum	98-1	1937.87	1948.82	2015.22	1967.31	2.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.82	23.03	24.63	24.49	5.73	ppb
Phosphorus	31-2	104767.66	91325.63	100110.48	98734.59	6.91	ppb
Potassium	39-2	98241.75	89125.42	95587.81	94318.32	4.97	ppb
Rhodium	103-1				88		%
Rhodium	103-2				88		%
Scandium	45-1				91		%
Scandium	45-2				94		%
Selenium	82-1	20.18	19.52	20.55	20.08	2.60	ppb
Selenium	77-2	9.13	21.82	21.11	17.35	41.09	ppb
Selenium	78-2	22.25	13.79	18.72	18.25	23.29	ppb
Silicon	28-1	2.89	2.59	2.65	2.71	5.74	ppb
Silver	107-1	18.49	18.19	18.17	18.29	0.98	ppb
Silver	109-1	18.81	18.50	18.49	18.60	0.97	ppb
Sodium	23-2	98712.08	89591.34	94400.59	94234.67	4.84	ppb
Strontium	86-1	32.56	32.72	33.53	32.94	1.59	ppb
Strontium	88-1	32.63	32.78	33.35	32.92	1.15	ppb
Sulfur	34-1	100032.65	97682.44	96971.06	98228.72	1.63	ppb
Terbium	159-1				95		%
Terbium	159-2				98		%
Thallium	203-1	19.23	19.67	19.80	19.56	1.51	ppb
Thallium	205-1	19.41	19.92	19.59	19.64	1.32	ppb
Tin	118-1	0.08	0.09	0.07	0.08	14.85	ppb
Titanium	47-1	2037.00	1990.19	1953.36	1993.52	2.10	ppb
Uranium	238-1	0.02	0.02	0.03	0.02	7.28	ppb

LB Number :	LB135893	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired :	2025-05-22 13:47:20	DataFile Name :	019ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	20.30	17.47	19.17	18.98	7.51	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				95		%
Yttrium	89-2				95		%
Zinc	66-2	29.92	26.13	28.68	28.24	6.84	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	15.76	ppb
Zirconium	91-1	0.03	0.05	0.03	0.04	21.07	ppb

LB Number :	LB135893	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired :	2025-05-22 13:50:37	DataFile Name :	020CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50756.78	50496.30	50965.24	50739.44	0.46	ppb
Antimony	121-1	507.99	504.76	487.93	500.23	2.15	ppb
Arsenic	75-2	499.86	508.49	507.23	505.19	0.92	ppb
Barium	135-1	2585.92	2597.53	2429.47	2537.64	3.70	ppb
Barium	137-1	2540.47	2494.68	2540.00	2525.05	1.04	ppb
Beryllium	9-1	508.20	519.57	531.04	519.60	2.20	ppb
Bismuth	209-1				88		%
Bismuth	209-2				85		%
Bromine	81-1						cps
Cadmium	108-1	500.48	495.94	493.76	496.72	0.69	ppb
Cadmium	106-1	495.98	493.25	491.06	493.43	0.50	ppb
Cadmium	111-1	491.48	472.96	483.62	482.69	1.93	ppb
Calcium	43-1	235948.93	238345.56	234419.56	236238.02	0.84	ppb
Calcium	44-1	233898.52	239226.89	237571.20	236898.87	1.15	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	496.17	486.75	493.21	492.04	0.98	ppb
Cobalt	59-2	508.15	492.05	503.61	501.27	1.66	ppb
Copper	63-2	5114.11	5072.42	5045.37	5077.30	0.68	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				93		%
Indium	115-1				88		%
Indium	115-2				83		%
Iron	54-2	128827.97	126199.63	131285.21	128770.94	1.98	ppb
Iron	56-2	129658.90	131976.97	129558.67	130398.18	1.05	ppb
Iron	57-2	128466.23	127804.04	129432.25	128567.50	0.64	ppb
Krypton	83-1						cps
Lead	206-1	2555.63	2671.86	2553.77	2593.75	2.61	ppb

LB Number :	LB135893	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired :	2025-05-22 13:50:37	DataFile Name :	020CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2619.87	2647.57	2602.83	2623.42	0.86	ppb
Lead	208-1	2552.18	2621.07	2586.20	2586.48	1.33	ppb
Lithium	6-1				83		%
Magnesium	24-2	248174.86	239095.00	241731.15	243000.34	1.92	ppb
Manganese	55-2	5113.42	5026.66	5063.59	5067.89	0.86	ppb
Molybdenum	94-1	4964.73	5155.00	5032.37	5050.70	1.91	ppb
Molybdenum	95-1	5057.23	5070.58	5064.75	5064.19	0.13	ppb
Molybdenum	96-1	5004.52	4953.11	4958.48	4972.04	0.57	ppb
Molybdenum	97-1	4998.80	5057.98	5069.58	5042.12	0.75	ppb
Molybdenum	98-1	5060.96	5118.42	5079.65	5086.34	0.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	496.01	484.46	496.33	492.27	1.37	ppb
Phosphorus	31-2	10251.84	9767.56	10172.48	10063.96	2.58	ppb
Potassium	39-2	131308.81	126567.44	128738.42	128871.56	1.84	ppb
Rhodium	103-1				82		%
Rhodium	103-2				82		%
Scandium	45-1				88		%
Scandium	45-2				88		%
Selenium	82-1	495.84	506.02	495.67	499.18	1.19	ppb
Selenium	77-2	506.93	551.22	496.68	518.28	5.59	ppb
Selenium	78-2	500.21	501.85	516.30	506.12	1.75	ppb
Silicon	28-1	488.84	504.10	503.90	498.95	1.75	ppb
Silver	107-1	485.90	483.90	472.73	480.84	1.48	ppb
Silver	109-1	491.85	486.05	479.81	485.90	1.24	ppb
Sodium	23-2	234149.37	228776.87	237603.20	233509.81	1.90	ppb
Strontium	86-1	505.86	515.86	508.47	510.06	1.02	ppb
Strontium	88-1	497.65	498.37	509.09	501.70	1.28	ppb
Sulfur	34-1	10295.19	10244.55	9947.63	10162.46	1.85	ppb
Terbium	159-1				94		%
Terbium	159-2				92		%
Thallium	203-1	525.09	536.63	524.76	528.83	1.28	ppb
Thallium	205-1	504.67	524.73	503.94	511.11	2.31	ppb
Tin	118-1	518.03	502.20	510.35	510.19	1.55	ppb
Titanium	47-1	4975.34	5092.53	4939.52	5002.47	1.60	ppb
Uranium	238-1	517.97	533.76	522.37	524.70	1.55	ppb

LB Number :	LB135893	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired :	2025-05-22 13:50:37	DataFile Name :	020CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	510.57	503.63	510.51	508.24	0.78	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				92		%
Yttrium	89-2				88		%
Zinc	66-2	5236.47	5268.01	5324.40	5276.29	0.84	ppb
Zirconium	90-1	487.32	525.15	500.98	504.48	3.80	ppb
Zirconium	91-1	509.64	515.03	515.89	513.52	0.66	ppb

LB Number :	LB135893	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired :	2025-05-22 13:54:04	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.65	0.28	-0.15	0.26	152.84	ppb
Antimony	121-1	0.13	0.11	0.11	0.12	10.27	ppb
Arsenic	75-2	0.02	0.01	-0.01	0.01	302.17	ppb
Barium	135-1	0.01	0.00	0.01	0.01	49.03	ppb
Barium	137-1	0.03	0.02	0.00	0.02	79.33	ppb
Beryllium	9-1	0.08	0.07	0.07	0.07	9.19	ppb
Bismuth	209-1				98		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Cadmium	108-1	0.04	0.06	0.02	0.04	48.37	ppb
Cadmium	106-1	-2.46	-1.48	-1.33	-1.76		ppb
Cadmium	111-1	-0.18	-0.10	-0.10	-0.12		ppb
Calcium	43-1	-7.06	-11.04	-10.17	-9.42		ppb
Calcium	44-1	-8.87	-9.88	-10.89	-9.88		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.07	-0.05	-0.09	-0.07		ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	10.23	ppb
Copper	63-2	-0.08	-0.10	-0.10	-0.09		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				96		%
Indium	115-1				97		%
Indium	115-2				93		%
Iron	54-2	0.36	0.00	0.29	0.21	89.87	ppb
Iron	56-2	0.24	0.02	-0.08	0.06	289.93	ppb
Iron	57-2	-0.73	-1.37	-0.26	-0.79		ppb
Krypton	83-1						cps
Lead	206-1	0.12	0.09	0.09	0.10	18.80	ppb

LB Number :	LB135893	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired :	2025-05-22 13:54:04	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.13	0.11	0.10	0.11	15.51	ppb
Lead	208-1	0.12	0.10	0.09	0.11	14.20	ppb
Lithium	6-1				91		%
Magnesium	24-2	1.71	0.48	0.16	0.79	103.90	ppb
Manganese	55-2	-0.10	0.02	-0.06	-0.05		ppb
Molybdenum	94-1	0.20	0.16	0.13	0.16	20.28	ppb
Molybdenum	95-1	0.14	0.13	0.11	0.13	11.74	ppb
Molybdenum	96-1	0.15	0.13	0.12	0.14	12.72	ppb
Molybdenum	97-1	0.14	0.13	0.11	0.13	13.77	ppb
Molybdenum	98-1	0.15	0.12	0.10	0.12	21.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.06	-0.07	-0.06	-0.06		ppb
Phosphorus	31-2	-140.42	-147.00	-134.98	-140.80		ppb
Potassium	39-2	19.44	20.17	17.53	19.05	7.16	ppb
Rhodium	103-1				93		%
Rhodium	103-2				95		%
Scandium	45-1				93		%
Scandium	45-2				92		%
Selenium	82-1	0.08	0.08	0.07	0.08	10.51	ppb
Selenium	77-2	-0.25	-0.25	0.57	0.02	2293.97	ppb
Selenium	78-2	-1.09	-0.35	0.60	-0.28		ppb
Silicon	28-1	-0.31	-0.42	0.06	-0.22		ppb
Silver	107-1	0.04	0.04	0.03	0.03	11.81	ppb
Silver	109-1	0.04	0.04	0.03	0.04	12.26	ppb
Sodium	23-2	37.92	38.28	39.67	38.62	2.40	ppb
Strontium	86-1	-0.01	0.00	0.01	0.00	490.77	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	260.67	ppb
Sulfur	34-1	290.95	227.49	94.14	204.19	49.20	ppb
Terbium	159-1				97		%
Terbium	159-2				97		%
Thallium	203-1	0.05	0.04	0.05	0.05	13.65	ppb
Thallium	205-1	0.05	0.05	0.05	0.05	11.30	ppb
Tin	118-1	-0.08	-0.09	-0.08	-0.08		ppb
Titanium	47-1	0.16	0.13	0.13	0.14	11.43	ppb
Uranium	238-1	0.01	0.00	0.00	0.00	36.76	ppb

LB Number :	LB135893	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired :	2025-05-22 13:54:04	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				97		%
Yttrium	89-2				93		%
Zinc	66-2	-0.41	-0.53	-0.52	-0.49		ppb
Zirconium	90-1	0.05	0.04	0.03	0.04	16.36	ppb
Zirconium	91-1	0.04	0.04	0.05	0.04	13.80	ppb

LB Number :	LB135893	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2025-05-22 14:01:58	DataFile Name :	023LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.94	19.20	18.43	18.19	6.32	ppb
Antimony	121-1	1.77	1.79	1.82	1.79	1.20	ppb
Arsenic	75-2	1.10	0.84	0.79	0.91	18.31	ppb
Barium	135-1	8.65	8.95	9.03	8.88	2.27	ppb
Barium	137-1	8.85	8.99	9.12	8.99	1.53	ppb
Beryllium	9-1	1.06	1.02	1.05	1.04	2.14	ppb
Bismuth	209-1				97		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Cadmium	108-1	0.91	0.84	0.91	0.89	4.50	ppb
Cadmium	106-1	-1.69	-0.69	-0.78	-1.05		ppb
Cadmium	111-1	0.69	0.73	0.70	0.70	2.88	ppb
Calcium	43-1	435.46	458.74	455.36	449.85	2.80	ppb
Calcium	44-1	434.81	441.80	448.89	441.84	1.59	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.78	1.76	1.76	1.77	0.78	ppb
Cobalt	59-2	0.94	0.99	1.00	0.98	3.07	ppb
Copper	63-2	1.82	1.76	1.83	1.80	2.23	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				96		%
Indium	115-1				96		%
Indium	115-2				93		%
Iron	54-2	48.13	47.36	48.06	47.85	0.89	ppb
Iron	56-2	46.62	46.24	46.10	46.32	0.58	ppb
Iron	57-2	47.33	45.62	42.53	45.16	5.38	ppb
Krypton	83-1						cps
Lead	206-1	0.78	0.73	0.75	0.75	3.39	ppb

LB Number :	LB135893	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2025-05-22 14:01:58	DataFile Name :	023LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.80	0.79	0.76	0.78	2.83	ppb
Lead	208-1	0.78	0.76	0.76	0.77	1.35	ppb
Lithium	6-1				93		%
Magnesium	24-2	490.83	482.68	478.48	483.99	1.30	ppb
Manganese	55-2	0.89	0.87	0.84	0.87	2.57	ppb
Molybdenum	94-1	5.51	5.36	5.47	5.45	1.41	ppb
Molybdenum	95-1	4.46	4.47	4.50	4.48	0.42	ppb
Molybdenum	96-1	4.53	4.52	4.49	4.51	0.52	ppb
Molybdenum	97-1	4.54	4.44	4.60	4.53	1.74	ppb
Molybdenum	98-1	4.50	4.44	4.44	4.46	0.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.86	0.86	0.80	0.84	3.74	ppb
Phosphorus	31-2	108.07	95.32	88.62	97.34	10.15	ppb
Potassium	39-2	474.30	466.92	467.59	469.60	0.87	ppb
Rhodium	103-1				93		%
Rhodium	103-2				93		%
Scandium	45-1				93		%
Scandium	45-2				92		%
Selenium	82-1	4.36	4.63	4.73	4.57	4.22	ppb
Selenium	77-2	3.07	4.71	3.89	3.89	21.02	ppb
Selenium	78-2	2.83	4.26	4.27	3.79	21.89	ppb
Silicon	28-1	0.23	0.02	0.11	0.12	86.65	ppb
Silver	107-1	0.95	0.98	0.99	0.97	1.98	ppb
Silver	109-1	0.93	0.98	1.00	0.97	3.80	ppb
Sodium	23-2	495.11	488.92	491.05	491.69	0.64	ppb
Strontium	86-1	0.91	0.85	0.91	0.89	3.85	ppb
Strontium	88-1	0.90	0.88	0.91	0.90	1.61	ppb
Sulfur	34-1	610.65	645.65	780.23	678.84	13.19	ppb
Terbium	159-1				98		%
Terbium	159-2				95		%
Thallium	203-1	0.90	0.89	0.90	0.90	0.56	ppb
Thallium	205-1	0.92	0.91	0.90	0.91	0.63	ppb
Tin	118-1	4.41	4.42	4.47	4.43	0.70	ppb
Titanium	47-1	4.63	4.73	4.97	4.78	3.65	ppb
Uranium	238-1	0.85	0.84	0.86	0.85	1.25	ppb

LB Number :	LB135893	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2025-05-22 14:01:58	DataFile Name :	023LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	4.67	4.56	4.58	4.60	1.29	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				97		%
Yttrium	89-2				92		%
Zinc	66-2	4.43	4.00	4.48	4.30	6.21	ppb
Zirconium	90-1	0.95	0.95	0.97	0.96	1.31	ppb
Zirconium	91-1	1.00	1.00	1.00	1.00	0.27	ppb

LB Number :	LB135893	Operator :	Jaswal
Lab Sample ID :	Q1984-16DLX5	Instrumnet Name :	P8
Client Sample ID :	OU4-TS-28-050725DL	Dilution Factor :	5
Date & Time Acquired :	2025-05-22 14:05:21	DataFile Name :	024AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17047.77	17279.86	16656.24	16994.62	1.85	ppb
Antimony	121-1	0.04	0.04	0.04	0.04	4.96	ppb
Arsenic	75-2	4.65	5.19	4.84	4.89	5.60	ppb
Barium	135-1	22.30	22.69	22.20	22.40	1.14	ppb
Barium	137-1	22.88	23.07	22.73	22.89	0.74	ppb
Beryllium	9-1	2.66	2.79	2.68	2.71	2.50	ppb
Bismuth	209-1				97		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Cadmium	108-1	1.91	1.78	1.95	1.88	4.75	ppb
Cadmium	106-1	1.38	1.44	1.27	1.36	6.44	ppb
Cadmium	111-1	1.94	2.00	1.98	1.97	1.40	ppb
Calcium	43-1	40771.50	39456.41	41388.68	40538.86	2.43	ppb
Calcium	44-1	39165.66	40195.18	41159.43	40173.42	2.48	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	8.49	8.42	8.22	8.38	1.70	ppb
Cobalt	59-2	54.91	55.84	54.01	54.92	1.67	ppb
Copper	63-2	59.59	60.53	58.48	59.53	1.73	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				99		%
Holmium	165-2				95		%
Indium	115-1				96		%
Indium	115-2				90		%
Iron	54-2	3298.99	3341.53	3222.44	3287.66	1.84	ppb
Iron	56-2	3295.83	3317.26	3222.92	3278.67	1.51	ppb
Iron	57-2	3249.62	3272.25	3157.93	3226.60	1.88	ppb
Krypton	83-1						cps
Lead	206-1	7.07	7.45	7.47	7.33	3.11	ppb

LB Number :	LB135893	Operator :	Jaswal
Lab Sample ID :	Q1984-16DLX5	Instrumnet Name :	P8
Client Sample ID :	OU4-TS-28-050725DL	Dilution Factor :	5
Date & Time Acquired :	2025-05-22 14:05:21	DataFile Name :	024AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	6.98	7.05	7.24	7.09	1.90	ppb
Lead	208-1	6.92	7.16	7.29	7.12	2.64	ppb
Lithium	6-1				93		%
Magnesium	24-2	7351.92	7533.21	7331.46	7405.53	1.50	ppb
Manganese	55-2	3806.72	3822.43	3659.47	3762.87	2.39	ppb
Molybdenum	94-1	0.23	0.27	0.30	0.26	13.42	ppb
Molybdenum	95-1	0.05	0.05	0.06	0.06	4.36	ppb
Molybdenum	96-1	0.06	0.05	0.06	0.05	14.74	ppb
Molybdenum	97-1	0.02	0.02	0.03	0.03	9.60	ppb
Molybdenum	98-1	0.02	0.02	0.02	0.02	8.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	46.50	47.28	46.31	46.70	1.10	ppb
Phosphorus	31-2	684.95	623.87	609.60	639.47	6.26	ppb
Potassium	39-2	8519.89	8512.90	8407.11	8479.97	0.75	ppb
Rhodium	103-1				92		%
Rhodium	103-2				89		%
Scandium	45-1				94		%
Scandium	45-2				89		%
Selenium	82-1	1.04	0.85	0.86	0.91	11.63	ppb
Selenium	77-2	42.09	36.27	41.37	39.91	7.95	ppb
Selenium	78-2	6.59	7.02	8.09	7.23	10.71	ppb
Silicon	28-1	758.43	739.79	764.21	754.14	1.69	ppb
Silver	107-1	0.02	0.02	0.02	0.02	8.05	ppb
Silver	109-1	0.02	0.02	0.02	0.02	6.75	ppb
Sodium	23-2	2783.37	2791.66	2722.68	2765.90	1.36	ppb
Strontium	86-1	111.41	110.96	113.07	111.81	1.00	ppb
Strontium	88-1	118.00	112.71	116.29	115.67	2.34	ppb
Sulfur	34-1	61072.87	59754.68	60009.10	60278.88	1.16	ppb
Terbium	159-1				98		%
Terbium	159-2				94		%
Thallium	203-1	0.16	0.17	0.18	0.17	4.17	ppb
Thallium	205-1	0.17	0.17	0.16	0.17	3.58	ppb
Tin	118-1	-0.03	-0.04	-0.04	-0.03		ppb
Titanium	47-1	1.50	1.43	1.40	1.44	3.62	ppb
Uranium	238-1	1.01	1.04	1.04	1.03	1.80	ppb

LB Number :	LB135893	Operator :	Jaswal
Lab Sample ID :	Q1984-16DLX5	Instrumnet Name :	P8
Client Sample ID :	OU4-TS-28-050725DL	Dilution Factor :	5
Date & Time Acquired :	2025-05-22 14:05:21	DataFile Name :	024AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	13.92	13.98	13.52	13.81	1.80	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				113		%
Yttrium	89-2				104		%
Zinc	66-2	363.03	369.22	352.39	361.55	2.36	ppb
Zirconium	90-1	0.12	0.13	0.12	0.12	3.00	ppb
Zirconium	91-1	0.13	0.13	0.12	0.13	3.63	ppb

LB Number :	LB135893	Operator :	Jaswal
Lab Sample ID :	Q1984-16DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	OU4-TS-28-050725DUP	Dilution Factor :	5
Date & Time Acquired :	2025-05-22 14:08:39	DataFile Name :	025AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16906.06	16568.15	16538.64	16670.95	1.22	ppb
Antimony	121-1	0.02	0.03	0.03	0.03	5.54	ppb
Arsenic	75-2	4.26	4.74	4.70	4.57	5.80	ppb
Barium	135-1	21.73	22.64	22.74	22.37	2.50	ppb
Barium	137-1	22.34	22.84	23.21	22.80	1.91	ppb
Beryllium	9-1	2.61	2.67	2.62	2.63	1.21	ppb
Bismuth	209-1				97		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Cadmium	108-1	1.50	1.73	1.93	1.72	12.47	ppb
Cadmium	106-1	1.07	1.59	1.15	1.27	22.04	ppb
Cadmium	111-1	1.90	1.97	1.94	1.94	1.85	ppb
Calcium	43-1	40853.71	40440.86	42221.10	41171.89	2.26	ppb
Calcium	44-1	40575.25	40423.89	40195.55	40398.23	0.47	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	8.49	8.46	8.70	8.55	1.55	ppb
Cobalt	59-2	54.47	53.38	53.77	53.87	1.02	ppb
Copper	63-2	58.03	58.20	58.17	58.13	0.16	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				94		%
Indium	115-1				94		%
Indium	115-2				90		%
Iron	54-2	3231.48	3187.20	3212.28	3210.32	0.69	ppb
Iron	56-2	3239.54	3185.31	3246.87	3223.91	1.04	ppb
Iron	57-2	3182.71	3136.83	3147.94	3155.83	0.76	ppb
Krypton	83-1						cps
Lead	206-1	7.01	7.02	7.15	7.06	1.13	ppb

LB Number :	LB135893	Operator :	Jaswal
Lab Sample ID :	Q1984-16DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	OU4-TS-28-050725DUP	Dilution Factor :	5
Date & Time Acquired :	2025-05-22 14:08:39	DataFile Name :	025AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	7.04	6.82	6.90	6.92	1.66	ppb
Lead	208-1	6.95	6.90	7.06	6.97	1.22	ppb
Lithium	6-1				92		%
Magnesium	24-2	7186.73	7119.86	7235.38	7180.66	0.81	ppb
Manganese	55-2	3701.48	3626.87	3685.02	3671.12	1.07	ppb
Molybdenum	94-1	0.20	0.24	0.22	0.22	8.00	ppb
Molybdenum	95-1	0.05	0.06	0.06	0.06	13.57	ppb
Molybdenum	96-1	0.06	0.06	0.06	0.06	3.66	ppb
Molybdenum	97-1	0.03	0.02	0.03	0.03	18.47	ppb
Molybdenum	98-1	0.03	0.03	0.02	0.02	14.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	45.97	46.34	46.57	46.29	0.65	ppb
Phosphorus	31-2	590.72	574.14	615.91	593.59	3.54	ppb
Potassium	39-2	8450.60	8286.33	8426.74	8387.89	1.06	ppb
Rhodium	103-1				93		%
Rhodium	103-2				88		%
Scandium	45-1				91		%
Scandium	45-2				89		%
Selenium	82-1	0.72	0.87	0.98	0.86	15.31	ppb
Selenium	77-2	40.13	38.69	52.38	43.73	17.21	ppb
Selenium	78-2	7.93	5.77	7.67	7.12	16.51	ppb
Silicon	28-1	771.90	761.25	759.51	764.22	0.88	ppb
Silver	107-1	0.01	0.01	0.02	0.01	13.92	ppb
Silver	109-1	0.01	0.02	0.01	0.01	21.49	ppb
Sodium	23-2	2756.87	2677.01	2741.00	2724.96	1.55	ppb
Strontium	86-1	111.75	112.29	112.52	112.19	0.35	ppb
Strontium	88-1	117.18	114.90	118.95	117.01	1.74	ppb
Sulfur	34-1	60672.30	59762.45	60075.21	60169.99	0.77	ppb
Terbium	159-1				97		%
Terbium	159-2				93		%
Thallium	203-1	0.16	0.16	0.15	0.16	2.97	ppb
Thallium	205-1	0.16	0.16	0.16	0.16	2.40	ppb
Tin	118-1	-0.07	-0.07	-0.08	-0.07		ppb
Titanium	47-1	1.48	1.47	1.35	1.43	4.88	ppb
Uranium	238-1	0.99	1.02	1.03	1.01	1.87	ppb

LB Number :	LB135893	Operator :	Jaswal
Lab Sample ID :	Q1984-16DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	OU4-TS-28-050725DUP	Dilution Factor :	5
Date & Time Acquired :	2025-05-22 14:08:39	DataFile Name :	025AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	13.82	13.44	13.74	13.66	1.46	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				111		%
Yttrium	89-2				104		%
Zinc	66-2	352.41	345.80	354.71	350.97	1.32	ppb
Zirconium	90-1	0.12	0.13	0.12	0.12	2.86	ppb
Zirconium	91-1	0.14	0.14	0.13	0.14	6.50	ppb

LB Number :	LB135893	Operator :	Jaswal
Lab Sample ID :	Q1984-16LDLX25	Instrumnet Name :	P8
Client Sample ID :	OU4-TS-28-050725LDL	Dilution Factor :	25
Date & Time Acquired :	2025-05-22 14:11:55	DataFile Name :	026AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3518.65	3567.88	3424.51	3503.68	2.08	ppb
Antimony	121-1	0.04	0.04	0.04	0.04	9.26	ppb
Arsenic	75-2	1.08	1.00	1.28	1.12	12.87	ppb
Barium	135-1	4.68	4.76	4.77	4.74	1.04	ppb
Barium	137-1	4.72	4.88	4.73	4.78	1.91	ppb
Beryllium	9-1	0.58	0.58	0.58	0.58	0.41	ppb
Bismuth	209-1				98		%
Bismuth	209-2				94		%
Bromine	81-1						cps
Cadmium	108-1	0.58	0.42	0.44	0.48	18.58	ppb
Cadmium	106-1	-1.69	-1.43	-1.53	-1.55		ppb
Cadmium	111-1	0.24	0.33	0.27	0.28	16.53	ppb
Calcium	43-1	8259.93	8712.18	8674.26	8548.79	2.93	ppb
Calcium	44-1	8357.25	8660.27	8704.78	8574.10	2.21	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.67	1.63	1.71	1.67	2.49	ppb
Cobalt	59-2	11.30	11.25	11.23	11.26	0.31	ppb
Copper	63-2	12.17	12.06	12.16	12.13	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				99		%
Holmium	165-2				93		%
Indium	115-1				97		%
Indium	115-2				91		%
Iron	54-2	683.25	671.73	666.76	673.91	1.25	ppb
Iron	56-2	692.12	673.29	674.14	679.85	1.56	ppb
Iron	57-2	654.22	665.99	662.76	660.99	0.92	ppb
Krypton	83-1						cps
Lead	206-1	1.54	1.50	1.50	1.51	1.75	ppb

LB Number :	LB135893	Operator :	Jaswal
Lab Sample ID :	Q1984-16LDLX25	Instrumnet Name :	P8
Client Sample ID :	OU4-TS-28-050725LDL	Dilution Factor :	25
Date & Time Acquired :	2025-05-22 14:11:55	DataFile Name :	026AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	1.44	1.51	1.44	1.46	2.83	ppb
Lead	208-1	1.47	1.48	1.46	1.47	0.62	ppb
Lithium	6-1				91		%
Magnesium	24-2	1550.89	1577.10	1526.22	1551.40	1.64	ppb
Manganese	55-2	762.16	754.62	755.79	757.52	0.54	ppb
Molybdenum	94-1	0.08	0.05	0.05	0.06	26.64	ppb
Molybdenum	95-1	0.01	0.01	0.01	0.01	20.79	ppb
Molybdenum	96-1	0.01	0.01	0.02	0.01	48.82	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	81.45	ppb
Molybdenum	98-1	0.00	0.01	0.01	0.01	23.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	9.80	9.70	9.35	9.62	2.48	ppb
Phosphorus	31-2	42.78	6.08	41.45	30.10	69.15	ppb
Potassium	39-2	1793.42	1782.93	1747.53	1774.63	1.36	ppb
Rhodium	103-1				94		%
Rhodium	103-2				92		%
Scandium	45-1				91		%
Scandium	45-2				91		%
Selenium	82-1	-0.08	0.29	0.14	0.12	160.30	ppb
Selenium	77-2	14.39	11.16	6.28	10.61	38.50	ppb
Selenium	78-2	3.93	2.03	2.03	2.66	41.29	ppb
Silicon	28-1	155.81	160.82	164.47	160.36	2.71	ppb
Silver	107-1	0.00	0.01	0.00	0.00	42.08	ppb
Silver	109-1	0.00	0.00	0.00	0.00	2.09	ppb
Sodium	23-2	595.76	604.64	587.73	596.04	1.42	ppb
Strontium	86-1	26.05	26.44	26.87	26.45	1.54	ppb
Strontium	88-1	26.17	26.58	27.16	26.63	1.87	ppb
Sulfur	34-1	11581.61	12549.67	12380.55	12170.61	4.25	ppb
Terbium	159-1				96		%
Terbium	159-2				93		%
Thallium	203-1	0.04	0.03	0.04	0.04	7.07	ppb
Thallium	205-1	0.04	0.04	0.03	0.04	9.57	ppb
Tin	118-1	-0.09	-0.08	-0.11	-0.09		ppb
Titanium	47-1	0.29	0.34	0.33	0.32	8.91	ppb
Uranium	238-1	0.21	0.21	0.21	0.21	1.14	ppb

LB Number :	LB135893	Operator :	Jaswal
Lab Sample ID :	Q1984-16LDLX25	Instrumnet Name :	P8
Client Sample ID :	OU4-TS-28-050725LDL	Dilution Factor :	25
Date & Time Acquired :	2025-05-22 14:11:55	DataFile Name :	026AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	2.84	2.94	2.84	2.88	1.98	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				94		%
Zinc	66-2	72.51	75.25	73.19	73.65	1.94	ppb
Zirconium	90-1	0.03	0.04	0.04	0.04	14.34	ppb
Zirconium	91-1	0.04	0.04	0.04	0.04	8.36	ppb

LB Number :	LB135893	Operator :	Jaswal
Lab Sample ID :	Q1984-16MSDLX5	Instrumnet Name :	P8
Client Sample ID :	OU4-TS-28-050725MSDI	Dilution Factor :	5
Date & Time Acquired :	2025-05-22 14:15:17	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17300.68	17341.39	17166.69	17269.59	0.53	ppb
Antimony	121-1	92.95	93.71	95.80	94.16	1.57	ppb
Arsenic	75-2	4.02	4.38	4.38	4.26	4.83	ppb
Barium	135-1	445.88	449.50	457.00	450.80	1.26	ppb
Barium	137-1	451.16	462.01	486.15	466.44	3.84	ppb
Beryllium	9-1	103.72	102.51	103.15	103.13	0.59	ppb
Bismuth	209-1				95		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Cadmium	108-1	92.99	93.46	96.63	94.36	2.10	ppb
Cadmium	106-1	96.39	99.54	100.61	98.85	2.22	ppb
Cadmium	111-1	96.10	97.17	98.54	97.27	1.26	ppb
Calcium	43-1	46598.36	47310.32	47678.76	47195.81	1.16	ppb
Calcium	44-1	47303.27	46661.72	46876.34	46947.11	0.70	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	99.94	99.50	99.69	99.71	0.22	ppb
Cobalt	59-2	146.32	146.05	146.81	146.39	0.26	ppb
Copper	63-2	1078.05	1076.79	1080.45	1078.43	0.17	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				95		%
Indium	115-1				95		%
Indium	115-2				90		%
Iron	54-2	7450.32	7445.09	7382.17	7425.86	0.51	ppb
Iron	56-2	7336.79	7236.53	7341.79	7305.04	0.81	ppb
Iron	57-2	7185.20	7244.69	7202.12	7210.67	0.43	ppb
Krypton	83-1						cps
Lead	206-1	488.04	502.95	485.11	492.03	1.94	ppb

LB Number :	LB135893	Operator :	Jaswal
Lab Sample ID :	Q1984-16MSDLX5	Instrumnet Name :	P8
Client Sample ID :	OU4-TS-28-050725MSDI	Dilution Factor :	5
Date & Time Acquired :	2025-05-22 14:15:17	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	520.70	525.34	495.46	513.83	3.13	ppb
Lead	208-1	500.04	504.76	481.75	495.51	2.45	ppb
Lithium	6-1				91		%
Magnesium	24-2	16698.44	17112.57	16721.14	16844.05	1.38	ppb
Manganese	55-2	4406.42	4378.92	4382.69	4389.34	0.34	ppb
Molybdenum	94-1	406.83	404.82	395.88	402.51	1.45	ppb
Molybdenum	95-1	313.43	306.17	305.77	308.46	1.40	ppb
Molybdenum	96-1	316.41	305.96	303.21	308.53	2.26	ppb
Molybdenum	97-1	310.10	302.45	293.06	301.87	2.83	ppb
Molybdenum	98-1	311.20	297.86	299.40	302.82	2.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	141.32	142.22	141.92	141.82	0.32	ppb
Phosphorus	31-2	589.46	619.36	520.05	576.29	8.84	ppb
Potassium	39-2	12106.75	12048.97	12151.76	12102.49	0.43	ppb
Rhodium	103-1				91		%
Rhodium	103-2				89		%
Scandium	45-1				93		%
Scandium	45-2				91		%
Selenium	82-1	88.28	84.82	85.23	86.11	2.19	ppb
Selenium	77-2	115.93	117.69	122.66	118.76	2.94	ppb
Selenium	78-2	97.03	89.26	91.47	92.59	4.32	ppb
Silicon	28-1	695.43	687.44	694.04	692.30	0.62	ppb
Silver	107-1	15.84	16.13	16.73	16.24	2.81	ppb
Silver	109-1	16.02	16.28	16.54	16.28	1.62	ppb
Sodium	23-2	12303.30	12512.28	12281.77	12365.78	1.03	ppb
Strontium	86-1	203.66	200.83	200.57	201.69	0.85	ppb
Strontium	88-1	209.31	208.64	208.03	208.66	0.31	ppb
Sulfur	34-1	56161.55	53908.81	56109.99	55393.45	2.32	ppb
Terbium	159-1				98		%
Terbium	159-2				95		%
Thallium	203-1	91.32	94.33	90.94	92.20	2.02	ppb
Thallium	205-1	96.33	99.20	98.16	97.90	1.48	ppb
Tin	118-1	83.45	84.73	86.19	84.79	1.61	ppb
Titanium	47-1	1.47	1.55	1.58	1.54	3.80	ppb
Uranium	238-1	96.40	95.86	93.66	95.30	1.52	ppb

LB Number :	LB135893	Operator :	Jaswal
Lab Sample ID :	Q1984-16MSDLX5	Instrumnet Name :	P8
Client Sample ID :	OU4-TS-28-050725MSDI	Dilution Factor :	5
Date & Time Acquired :	2025-05-22 14:15:17	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	110.73	110.95	110.42	110.70	0.24	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				105		%
Zinc	66-2	1318.42	1319.10	1318.35	1318.62	0.03	ppb
Zirconium	90-1	86.56	82.24	82.28	83.69	2.97	ppb
Zirconium	91-1	81.49	80.37	79.53	80.46	1.22	ppb

LB Number :	LB135893	Operator :	Jaswal
Lab Sample ID :	Q1984-16MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	OU4-TS-28-050725MSDI	Dilution Factor :	5
Date & Time Acquired :	2025-05-22 14:18:19	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17034.14	16863.77	17194.73	17030.88	0.97	ppb
Antimony	121-1	92.12	92.84	92.68	92.55	0.41	ppb
Arsenic	75-2	4.19	3.90	4.17	4.09	3.98	ppb
Barium	135-1	442.41	439.48	440.23	440.71	0.35	ppb
Barium	137-1	469.38	464.96	455.50	463.28	1.53	ppb
Beryllium	9-1	102.83	101.68	101.42	101.98	0.74	ppb
Bismuth	209-1				96		%
Bismuth	209-2				93		%
Bromine	81-1						cps
Cadmium	108-1	93.19	91.94	93.83	92.99	1.03	ppb
Cadmium	106-1	97.45	97.77	95.51	96.91	1.26	ppb
Cadmium	111-1	96.74	95.18	94.20	95.37	1.35	ppb
Calcium	43-1	45833.77	46859.66	47320.74	46671.39	1.63	ppb
Calcium	44-1	46282.63	46214.59	47016.92	46504.71	0.96	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	99.52	97.57	99.28	98.79	1.08	ppb
Cobalt	59-2	145.48	143.60	145.45	144.84	0.74	ppb
Copper	63-2	1082.42	1041.57	1057.86	1060.61	1.94	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				96		%
Indium	115-1				96		%
Indium	115-2				91		%
Iron	54-2	7402.28	7245.72	7293.45	7313.82	1.10	ppb
Iron	56-2	7319.89	7282.10	7424.32	7342.10	1.00	ppb
Iron	57-2	7169.06	7116.59	7195.28	7160.31	0.56	ppb
Krypton	83-1						cps
Lead	206-1	489.55	482.18	497.91	489.88	1.61	ppb

LB Number :	LB135893	Operator :	Jaswal
Lab Sample ID :	Q1984-16MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	OU4-TS-28-050725MSDI	Dilution Factor :	5
Date & Time Acquired :	2025-05-22 14:18:19	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	494.31	497.02	497.09	496.14	0.32	ppb
Lead	208-1	493.12	487.96	486.50	489.20	0.71	ppb
Lithium	6-1				91		%
Magnesium	24-2	16928.31	16059.17	16729.34	16572.27	2.75	ppb
Manganese	55-2	4365.50	4381.79	4368.44	4371.91	0.20	ppb
Molybdenum	94-1	393.79	379.40	400.40	391.20	2.75	ppb
Molybdenum	95-1	293.23	300.80	299.40	297.81	1.35	ppb
Molybdenum	96-1	300.79	313.19	313.76	309.25	2.37	ppb
Molybdenum	97-1	301.47	295.86	306.18	301.17	1.72	ppb
Molybdenum	98-1	299.13	298.52	306.52	301.39	1.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	140.73	137.81	140.99	139.84	1.26	ppb
Phosphorus	31-2	483.72	528.99	547.49	520.07	6.31	ppb
Potassium	39-2	12129.69	12040.99	12001.53	12057.40	0.54	ppb
Rhodium	103-1				92		%
Rhodium	103-2				90		%
Scandium	45-1				94		%
Scandium	45-2				92		%
Selenium	82-1	85.55	86.14	87.33	86.34	1.05	ppb
Selenium	77-2	131.50	117.09	95.04	114.54	16.03	ppb
Selenium	78-2	97.39	92.13	91.39	93.63	3.50	ppb
Silicon	28-1	682.72	693.62	704.94	693.76	1.60	ppb
Silver	107-1	15.81	16.00	16.04	15.95	0.75	ppb
Silver	109-1	15.89	16.02	16.08	15.99	0.61	ppb
Sodium	23-2	12330.16	12084.56	12597.70	12337.48	2.08	ppb
Strontium	86-1	196.96	198.01	202.87	199.28	1.58	ppb
Strontium	88-1	209.67	201.07	210.67	207.14	2.55	ppb
Sulfur	34-1	54687.49	56130.51	54684.27	55167.42	1.51	ppb
Terbium	159-1				99		%
Terbium	159-2				96		%
Thallium	203-1	89.97	89.16	92.34	90.49	1.83	ppb
Thallium	205-1	93.58	94.02	97.52	95.04	2.27	ppb
Tin	118-1	84.65	83.51	83.20	83.79	0.91	ppb
Titanium	47-1	1.52	1.57	1.53	1.54	1.67	ppb
Uranium	238-1	94.86	95.88	93.00	94.58	1.54	ppb

LB Number :	LB135893	Operator :	Jaswal
Lab Sample ID :	Q1984-16MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	OU4-TS-28-050725MSDI	Dilution Factor :	5
Date & Time Acquired :	2025-05-22 14:18:19	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	110.76	108.90	110.57	110.08	0.93	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				105		%
Zinc	66-2	1308.96	1275.75	1306.89	1297.20	1.43	ppb
Zirconium	90-1	80.65	83.04	82.90	82.20	1.63	ppb
Zirconium	91-1	78.21	78.36	79.64	78.74	1.00	ppb

LB Number :	LB135893	Operator :	Jaswal
Lab Sample ID :	Q1984-16ADLX5	Instrumnet Name :	P8
Client Sample ID :	OU4-TS-28-050725ADL	Dilution Factor :	5
Date & Time Acquired :	2025-05-22 14:21:23	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17043.86	17436.53	17238.25	17239.55	1.14	ppb
Antimony	121-1	93.29	95.84	95.67	94.93	1.50	ppb
Arsenic	75-2	4.16	4.40	3.93	4.16	5.73	ppb
Barium	135-1	449.63	453.69	449.57	450.96	0.52	ppb
Barium	137-1	469.94	473.07	482.13	475.05	1.33	ppb
Beryllium	9-1	105.08	102.44	103.73	103.75	1.27	ppb
Bismuth	209-1				96		%
Bismuth	209-2				93		%
Bromine	81-1						cps
Cadmium	108-1	95.35	96.14	97.85	96.45	1.32	ppb
Cadmium	106-1	99.24	101.66	99.34	100.08	1.37	ppb
Cadmium	111-1	97.49	98.75	97.41	97.89	0.77	ppb
Calcium	43-1	48023.35	45944.79	46734.56	46900.90	2.24	ppb
Calcium	44-1	47171.47	46742.90	46691.52	46868.63	0.56	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	99.70	102.70	101.04	101.15	1.49	ppb
Cobalt	59-2	145.34	150.90	148.42	148.22	1.88	ppb
Copper	63-2	1077.49	1127.77	1077.99	1094.42	2.64	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				95		%
Indium	115-1				96		%
Indium	115-2				90		%
Iron	54-2	7357.19	7657.35	7573.03	7529.19	2.06	ppb
Iron	56-2	7327.44	7530.50	7432.74	7430.22	1.37	ppb
Iron	57-2	7241.70	7372.58	7265.42	7293.23	0.96	ppb
Krypton	83-1						cps
Lead	206-1	495.47	503.36	479.36	492.73	2.48	ppb

LB Number :	LB135893	Operator :	Jaswal
Lab Sample ID :	Q1984-16ADLX5	Instrumnet Name :	P8
Client Sample ID :	OU4-TS-28-050725ADL	Dilution Factor :	5
Date & Time Acquired :	2025-05-22 14:21:23	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	505.36	515.08	492.07	504.17	2.29	ppb
Lead	208-1	494.89	501.83	484.58	493.77	1.76	ppb
Lithium	6-1				90		%
Magnesium	24-2	16907.80	17193.53	16447.17	16849.50	2.23	ppb
Manganese	55-2	4351.11	4514.66	4350.54	4405.44	2.15	ppb
Molybdenum	94-1	395.43	398.54	391.38	395.11	0.91	ppb
Molybdenum	95-1	303.23	306.11	309.58	306.30	1.04	ppb
Molybdenum	96-1	314.26	314.79	306.31	311.79	1.52	ppb
Molybdenum	97-1	301.96	317.25	300.84	306.68	2.99	ppb
Molybdenum	98-1	301.24	309.81	302.88	304.64	1.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	143.42	145.37	144.46	144.42	0.67	ppb
Phosphorus	31-2	544.33	505.68	484.68	511.57	5.91	ppb
Potassium	39-2	12053.89	12367.71	12162.48	12194.70	1.31	ppb
Rhodium	103-1				91		%
Rhodium	103-2				89		%
Scandium	45-1				95		%
Scandium	45-2				91		%
Selenium	82-1	87.19	88.78	88.33	88.10	0.93	ppb
Selenium	77-2	115.26	128.59	105.16	116.34	10.10	ppb
Selenium	78-2	83.97	97.04	102.01	94.34	9.88	ppb
Silicon	28-1	701.53	694.85	674.66	690.35	2.03	ppb
Silver	107-1	16.28	16.49	16.22	16.33	0.87	ppb
Silver	109-1	16.15	16.43	16.27	16.28	0.87	ppb
Sodium	23-2	12208.43	12368.94	12629.01	12402.13	1.71	ppb
Strontium	86-1	203.18	205.79	202.03	203.67	0.95	ppb
Strontium	88-1	205.38	211.76	207.07	208.07	1.59	ppb
Sulfur	34-1	55155.09	54647.01	54069.95	54624.02	0.99	ppb
Terbium	159-1				98		%
Terbium	159-2				96		%
Thallium	203-1	91.59	92.94	89.76	91.43	1.75	ppb
Thallium	205-1	96.29	97.67	92.13	95.36	3.02	ppb
Tin	118-1	85.01	86.87	86.85	86.24	1.24	ppb
Titanium	47-1	1.56	1.43	1.61	1.53	5.78	ppb
Uranium	238-1	93.83	97.07	95.53	95.48	1.70	ppb

LB Number :	LB135893	Operator :	Jaswal
Lab Sample ID :	Q1984-16ADLX5	Instrumnet Name :	P8
Client Sample ID :	OU4-TS-28-050725ADL	Dilution Factor :	5
Date & Time Acquired :	2025-05-22 14:21:23	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	110.69	113.37	111.55	111.87	1.22	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				105		%
Zinc	66-2	1313.93	1338.92	1315.35	1322.73	1.06	ppb
Zirconium	90-1	83.19	85.96	82.50	83.88	2.18	ppb
Zirconium	91-1	80.05	82.27	80.24	80.86	1.52	ppb

LB Number :	LB135893	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired :	2025-05-22 14:24:24	DataFile Name :	030CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49326.67	49327.91	46537.34	48397.31	3.33	ppb
Antimony	121-1	501.99	510.80	498.62	503.80	1.25	ppb
Arsenic	75-2	508.42	481.34	483.54	491.10	3.06	ppb
Barium	135-1	2530.09	2578.58	2561.99	2556.88	0.96	ppb
Barium	137-1	2551.85	2634.89	2579.40	2588.71	1.63	ppb
Beryllium	9-1	506.68	510.54	517.76	511.66	1.10	ppb
Bismuth	209-1				88		%
Bismuth	209-2				86		%
Bromine	81-1						cps
Cadmium	108-1	486.97	504.63	491.60	494.40	1.85	ppb
Cadmium	106-1	497.41	507.30	494.81	499.84	1.32	ppb
Cadmium	111-1	489.30	502.54	494.07	495.30	1.35	ppb
Calcium	43-1	236703.67	238557.53	236977.37	237412.86	0.42	ppb
Calcium	44-1	231025.81	241230.79	240473.62	237576.74	2.39	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	494.32	474.66	465.84	478.27	3.05	ppb
Cobalt	59-2	510.40	496.58	469.56	492.18	4.22	ppb
Copper	63-2	5073.29	4926.81	4895.92	4965.34	1.91	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				94		%
Holmium	165-2				93		%
Indium	115-1				86		%
Indium	115-2				85		%
Iron	54-2	132820.32	126430.66	122445.36	127232.11	4.11	ppb
Iron	56-2	128237.54	123214.66	123999.33	125150.51	2.16	ppb
Iron	57-2	128830.64	125119.33	121386.14	125112.04	2.98	ppb
Krypton	83-1						cps
Lead	206-1	2511.67	2530.24	2498.05	2513.32	0.64	ppb

LB Number :	LB135893	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired :	2025-05-22 14:24:24	DataFile Name :	030CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2488.13	2533.19	2473.22	2498.18	1.25	ppb
Lead	208-1	2461.76	2531.66	2493.83	2495.75	1.40	ppb
Lithium	6-1				83		%
Magnesium	24-2	243254.43	234211.55	234821.23	237429.07	2.13	ppb
Manganese	55-2	5075.05	4896.55	4698.74	4890.11	3.85	ppb
Molybdenum	94-1	5169.43	5133.92	5028.33	5110.56	1.44	ppb
Molybdenum	95-1	5275.58	5148.32	5072.97	5165.62	1.98	ppb
Molybdenum	96-1	5139.89	4897.64	5033.60	5023.71	2.42	ppb
Molybdenum	97-1	5212.97	5051.42	5177.06	5147.15	1.65	ppb
Molybdenum	98-1	5149.17	5203.56	5101.15	5151.29	0.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	492.92	480.78	464.74	479.48	2.95	ppb
Phosphorus	31-2	10101.53	10020.09	9403.88	9841.83	3.88	ppb
Potassium	39-2	132854.60	127686.52	126091.91	128877.67	2.74	ppb
Rhodium	103-1				82		%
Rhodium	103-2				83		%
Scandium	45-1				88		%
Scandium	45-2				90		%
Selenium	82-1	515.66	502.78	505.20	507.88	1.35	ppb
Selenium	77-2	486.39	441.55	461.75	463.23	4.85	ppb
Selenium	78-2	496.37	466.50	472.12	478.33	3.32	ppb
Silicon	28-1	483.29	503.17	498.32	494.93	2.09	ppb
Silver	107-1	498.36	493.34	478.82	490.17	2.07	ppb
Silver	109-1	497.52	499.78	488.60	495.30	1.19	ppb
Sodium	23-2	232897.94	224688.57	220224.93	225937.15	2.85	ppb
Strontium	86-1	525.46	516.23	517.83	519.84	0.95	ppb
Strontium	88-1	521.31	511.66	514.04	515.67	0.97	ppb
Sulfur	34-1	10410.02	10388.06	10386.14	10394.74	0.13	ppb
Terbium	159-1				92		%
Terbium	159-2				93		%
Thallium	203-1	497.33	502.03	498.84	499.40	0.48	ppb
Thallium	205-1	496.58	506.79	493.06	498.81	1.43	ppb
Tin	118-1	504.00	518.02	508.88	510.30	1.39	ppb
Titanium	47-1	5161.33	5010.69	4982.16	5051.39	1.91	ppb
Uranium	238-1	484.91	524.68	511.42	507.00	3.99	ppb

LB Number :	LB135893	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired :	2025-05-22 14:24:24	DataFile Name :	030CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	512.25	490.37	483.14	495.25	3.06	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				90		%
Yttrium	89-2				90		%
Zinc	66-2	5348.72	5069.65	4871.36	5096.58	4.71	ppb
Zirconium	90-1	517.28	521.85	512.48	517.21	0.91	ppb
Zirconium	91-1	535.71	515.99	516.84	522.84	2.13	ppb

LB Number :	LB135893	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P8
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired :	2025-05-22 14:32:44	DataFile Name :	031CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.96	-1.05	-1.05	-1.02		ppb
Antimony	121-1	0.05	0.04	0.03	0.04	19.40	ppb
Arsenic	75-2	0.00	0.00	-0.01	0.00		ppb
Barium	135-1	-0.02	-0.01	-0.01	-0.02		ppb
Barium	137-1	-0.01	-0.01	-0.01	-0.01		ppb
Beryllium	9-1	0.03	0.04	0.03	0.03	19.25	ppb
Bismuth	209-1				100		%
Bismuth	209-2				94		%
Bromine	81-1						cps
Cadmium	108-1	0.02	0.04	0.00	0.02	88.77	ppb
Cadmium	106-1	-2.29	-2.60	-2.32	-2.40		ppb
Cadmium	111-1	-0.18	-0.21	-0.18	-0.19		ppb
Calcium	43-1	-12.25	-11.42	-11.97	-11.88		ppb
Calcium	44-1	-13.93	-12.93	-15.55	-14.14		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.09	-0.08	-0.08	-0.08		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	84.40	ppb
Copper	63-2	-0.16	-0.22	-0.20	-0.19		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				93		%
Indium	115-1				98		%
Indium	115-2				90		%
Iron	54-2	-0.79	-1.10	-0.87	-0.92		ppb
Iron	56-2	-1.08	-1.23	-1.16	-1.16		ppb
Iron	57-2	-1.55	-1.78	-1.32	-1.55		ppb
Krypton	83-1						cps
Lead	206-1	0.03	0.03	0.02	0.03	23.18	ppb

LB Number :	LB135893	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P8
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired :	2025-05-22 14:32:44	DataFile Name :	031CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.03	0.03	0.04	0.04	11.68	ppb
Lead	208-1	0.03	0.03	0.03	0.03	5.86	ppb
Lithium	6-1				93		%
Magnesium	24-2	0.23	0.20	-0.53	-0.03		ppb
Manganese	55-2	-0.07	-0.02	-0.20	-0.09		ppb
Molybdenum	94-1	0.07	0.08	0.08	0.08	6.14	ppb
Molybdenum	95-1	0.04	0.03	0.03	0.03	21.63	ppb
Molybdenum	96-1	0.04	0.03	0.04	0.03	20.92	ppb
Molybdenum	97-1	0.03	0.03	0.03	0.03	8.38	ppb
Molybdenum	98-1	0.03	0.03	0.02	0.03	19.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	-0.08	-0.08	-0.07		ppb
Phosphorus	31-2	-134.69	-145.79	-139.17	-139.88		ppb
Potassium	39-2	22.82	16.63	9.59	16.35	40.51	ppb
Rhodium	103-1				95		%
Rhodium	103-2				91		%
Scandium	45-1				94		%
Scandium	45-2				91		%
Selenium	82-1	0.14	0.13	0.21	0.16	28.85	ppb
Selenium	77-2	-0.25	0.57	0.57	0.30	160.32	ppb
Selenium	78-2	-1.05	-0.60	0.36	-0.43		ppb
Silicon	28-1	-0.56	-0.45	-0.93	-0.65		ppb
Silver	107-1	0.01	0.01	0.01	0.01	17.93	ppb
Silver	109-1	0.01	0.01	0.01	0.01	23.06	ppb
Sodium	23-2	41.39	29.40	29.29	33.36	20.85	ppb
Strontium	86-1	0.00	0.00	0.00	0.00	284.13	ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	391.01	560.40	-392.04	186.46	272.51	ppb
Terbium	159-1				99		%
Terbium	159-2				93		%
Thallium	203-1	0.01	0.02	0.01	0.01	40.51	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	14.52	ppb
Tin	118-1	-0.12	-0.11	-0.12	-0.12		ppb
Titanium	47-1	0.05	0.03	0.02	0.04	34.39	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB135893	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P8
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired :	2025-05-22 14:32:44	DataFile Name :	031CCBE.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				99		%
Yttrium	89-2				90		%
Zinc	66-2	-0.53	-0.59	-0.55	-0.56		ppb
Zirconium	90-1	0.03	0.03	0.03	0.03	5.16	ppb
Zirconium	91-1	0.03	0.03	0.03	0.03	11.58	ppb

LB Number :	LB135893	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2025-05-22 12:27:00	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	140	117	103	120	15.47	cps
Antimony	121-1	33	40	57	43	27.74	cps
Arsenic	75-2	10	7	7	8	24.71	cps
Barium	135-1	130	170	87	129	32.33	cps
Barium	137-1	173	167	210	183	12.73	cps
Beryllium	9-1	124	105	102	110	10.52	cps
Bismuth	209-1	6129170	6116974	6122154	6122766	0.10	cps
Bismuth	209-2	2872383	2945709	2886575	2901556	1.34	cps
Bromine	81-1	21627	22308	22097	22011	1.58	cps
Cadmium	108-1	3	17	17	12	63.01	cps
Cadmium	106-1	6015	6241	6098	6118	1.87	cps
Cadmium	111-1	4218	4367	4267	4284	1.78	cps
Calcium	43-1	1313	1263	1153	1243	6.58	cps
Calcium	44-1	35761	35721	35497	35660	0.40	cps
Carbon	12-1	2958508	2962448	2996361	2972439	0.70	cps
Carbon	12-2	19740	19196	19857	19598	1.80	cps
Chlorine	35-1	108211	108650	108442	108434	0.20	cps
Chlorine	35-2	370	410	453	411	10.14	cps
Chromium	52-2	857	927	810	864	6.79	cps
Cobalt	59-2	37	43	47	42	12.06	cps
Copper	63-2	2250	2284	2324	2286	1.61	cps
Dysprosium	156-1	23	13	3	13	75.02	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	67	80	70	72	9.61	cps
Erbium	164-2	33	37	37	36	5.42	cps
Gadolinium	160-1	113	93	123	110	13.89	cps
Gadolinium	160-2	30	10	30	23	49.49	cps
Holmium	165-1	10111815	10324550	10044430	10160265	1.44	cps
Holmium	165-2	4043047	4045153	3981057	4023086	0.91	cps
Indium	115-1	9125950	9226718	9291959	9214876	0.91	cps
Indium	115-2	995021	992107	995892	994340	0.20	cps
Iron	54-2	610	620	630	620	1.61	cps
Iron	56-2	8132	8343	8062	8179	1.78	cps
Iron	57-2	233	253	223	237	6.46	cps
Krypton	83-1	167	200	177	181	9.44	cps
Lead	206-1	500	447	493	480	6.05	cps

LB Number :	LB135893	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2025-05-22 12:27:00	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	400	317	363	360	11.60	cps
Lead	208-1	1847	1613	1737	1732	6.74	cps
Lithium	6-1	3655737	3719339	3698952	3691342	0.88	cps
Magnesium	24-2	870	747	820	812	7.64	cps
Manganese	55-2	933	1047	1070	1017	7.19	cps
Molybdenum	94-1	340	373	367	360	4.90	cps
Molybdenum	95-1	160	100	133	131	22.93	cps
Molybdenum	96-1	160	190	213	188	14.24	cps
Molybdenum	97-1	70	80	77	76	6.74	cps
Molybdenum	98-1	183	187	220	197	10.31	cps
Neodymium	150-1	3	0	10	4	114.60	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	237	230	260	242	6.51	cps
Phosphorus	31-2	67	57	67	63	9.12	cps
Potassium	39-2	14818	14547	14894	14753	1.24	cps
Rhodium	103-1	8917924	8839788	9074145	8943953	1.33	cps
Rhodium	103-2	3670093	3653763	3687613	3670490	0.46	cps
Scandium	45-1	6235313	6236464	6450086	6307288	1.96	cps
Scandium	45-2	119418	119669	120752	119946	0.59	cps
Selenium	82-1	43	7	47	32	68.87	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	20	23	27	23	14.29	cps
Silicon	28-1	566182	586516	575681	576126	1.77	cps
Silver	107-1	153	120	137	137	12.20	cps
Silver	109-1	40	27	63	43	42.82	cps
Sodium	23-2	29360	29466	28929	29252	0.97	cps
Strontium	86-1	317	417	417	383	15.06	cps
Strontium	88-1	470	533	437	480	10.23	cps
Sulfur	34-1	572194	571356	579943	574498	0.82	cps
Terbium	159-1	10626931	10825826	10727294	10726684	0.93	cps
Terbium	159-2	3912693	3867783	3862509	3880995	0.71	cps
Thallium	203-1	133	160	153	149	9.32	cps
Thallium	205-1	343	323	380	349	8.24	cps
Tin	118-1	2880	2937	2707	2841	4.22	cps
Titanium	47-1	203	190	233	209	10.63	cps
Uranium	238-1	113	130	87	110	19.87	cps

LB Number :	LB135893	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2025-05-22 12:27:00	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	7	23	10	13	66.12	cps
Ytterbium	172-1	87	93	57	79	24.76	cps
Ytterbium	172-2	27	27	20	24	15.75	cps
Ytterbium	176-1	1573	1710	1543	1609	5.52	cps
Ytterbium	176-2	457	493	503	484	5.07	cps
Yttrium	89-1	16890641	16681978	16743523	16772048	0.64	cps
Yttrium	89-2	1276609	1291128	1280900	1282879	0.58	cps
Zinc	66-2	550	597	560	569	4.32	cps
Zirconium	90-1	823	830	920	858	6.29	cps
Zirconium	91-1	140	160	140	147	7.87	cps

LB Number :	LB135893	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2025-05-22 12:30:23	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1257	1200	1130	1196	5.31	cps
Antimony	121-1	30574	30932	31560	31022	1.61	cps
Arsenic	75-2	377	310	347	344	9.69	cps
Barium	135-1	33020	32800	33047	32956	0.41	cps
Barium	137-1	57133	56909	56628	56890	0.45	cps
Beryllium	9-1	4605	4501	4638	4581	1.55	cps
Bismuth	209-1	5897293	5952037	6124362	5991231	1.98	cps
Bismuth	209-2	3013516	2833275	2881056	2909283	3.21	cps
Bromine	81-1	22361	22779	22475	22538	0.96	cps
Cadmium	108-1	270	277	320	289	9.40	cps
Cadmium	106-1	6622	6605	6712	6646	0.86	cps
Cadmium	111-1	7970	7877	7965	7937	0.66	cps
Calcium	43-1	24728	25326	25256	25103	1.30	cps
Calcium	44-1	425606	432942	426425	428324	0.94	cps
Carbon	12-1	2845817	2868274	2824557	2846216	0.77	cps
Carbon	12-2	19203	18599	19019	18940	1.64	cps
Chlorine	35-1	110246	109658	109674	109859	0.30	cps
Chlorine	35-2	450	450	450	450	0.00	cps
Chromium	52-2	7185	7048	7162	7132	1.03	cps
Cobalt	59-2	6218	6301	6378	6299	1.27	cps
Copper	63-2	11418	11621	11862	11634	1.91	cps
Dysprosium	156-1	3	13	13	10	57.75	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	60	57	53	57	5.89	cps
Erbium	164-2	33	40	47	40	16.68	cps
Gadolinium	160-1	130	100	137	122	15.98	cps
Gadolinium	160-2	30	20	13	21	39.75	cps
Holmium	165-1	10215217	10208550	10229818	10217861	0.11	cps
Holmium	165-2	4125357	3980318	4054278	4053317	1.79	cps
Indium	115-1	9299811	9263411	9420744	9327989	0.88	cps
Indium	115-2	1010613	1011478	1019731	1013941	0.50	cps
Iron	54-2	7542	7392	7429	7454	1.05	cps
Iron	56-2	129699	130285	128159	129381	0.85	cps
Iron	57-2	3200	3210	3224	3212	0.36	cps
Krypton	83-1	227	233	197	219	8.92	cps
Lead	206-1	7849	8409	8146	8135	3.45	cps

LB Number :	LB135893	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2025-05-22 12:30:23	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	7152	7399	7642	7398	3.31	cps
Lead	208-1	32697	33377	33694	33256	1.53	cps
Lithium	6-1	3708738	3727905	3716553	3717732	0.26	cps
Magnesium	24-2	95634	93836	95869	95113	1.17	cps
Manganese	55-2	2494	2294	2344	2377	4.38	cps
Molybdenum	94-1	32000	31639	32732	32124	1.73	cps
Molybdenum	95-1	38413	37731	37353	37832	1.42	cps
Molybdenum	96-1	41870	42234	41254	41786	1.18	cps
Molybdenum	97-1	23480	23730	23119	23443	1.31	cps
Molybdenum	98-1	60876	61402	60819	61032	0.53	cps
Neodymium	150-1	10	13	13	12	15.73	cps
Neodymium	150-2	3	3	7	4	43.40	cps
Nickel	60-2	1767	1797	1697	1753	2.93	cps
Phosphorus	31-2	913	837	847	866	4.82	cps
Potassium	39-2	72209	73037	73268	72838	0.76	cps
Rhodium	103-1	9118270	9025848	8993784	9045967	0.71	cps
Rhodium	103-2	3643366	3670251	3724877	3679498	1.13	cps
Scandium	45-1	6185153	6419491	6503152	6369265	2.59	cps
Scandium	45-2	122584	122490	123865	122980	0.62	cps
Selenium	82-1	1240	1353	1313	1302	4.41	cps
Selenium	77-2	10	20	23	18	39.03	cps
Selenium	78-2	140	83	143	122	27.59	cps
Silicon	28-1	643016	633483	635380	637293	0.79	cps
Silver	107-1	19945	20692	20585	20407	1.98	cps
Silver	109-1	18149	18603	19187	18646	2.79	cps
Sodium	23-2	211876	212354	212269	212167	0.12	cps
Strontium	86-1	5274	5041	5324	5213	2.90	cps
Strontium	88-1	41906	41973	43274	42384	1.82	cps
Sulfur	34-1	608903	606860	608640	608134	0.18	cps
Terbium	159-1	10779588	10671247	10746225	10732353	0.52	cps
Terbium	159-2	4007019	3990760	3969537	3989105	0.47	cps
Thallium	203-1	11325	11759	11545	11543	1.88	cps
Thallium	205-1	27379	28074	27586	27680	1.29	cps
Tin	118-1	61163	61665	62291	61706	0.92	cps
Titanium	47-1	12008	11885	11628	11841	1.64	cps
Uranium	238-1	32231	32739	33507	32826	1.96	cps

LB Number :	LB135893	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2025-05-22 12:30:23	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	12519	11908	12305	12244	2.53	cps
Ytterbium	172-1	70	53	40	54	27.61	cps
Ytterbium	172-2	43	17	20	27	54.47	cps
Ytterbium	176-1	1680	1603	1747	1677	4.28	cps
Ytterbium	176-2	460	457	463	460	0.72	cps
Yttrium	89-1	17216769	16827863	17427998	17157543	1.77	cps
Yttrium	89-2	1302541	1297962	1313619	1304707	0.62	cps
Zinc	66-2	3220	3274	3134	3209	2.20	cps
Zirconium	90-1	27754	28569	28683	28335	1.79	cps
Zirconium	91-1	6458	6291	6101	6284	2.84	cps

LB Number :	LB135893	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2025-05-22 12:37:13	DataFile Name :	007CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	49986	50869	50159	50338	0.93	cps
Antimony	121-1	740619	751554	742793	744989	0.78	cps
Arsenic	75-2	17087	17514	17771	17458	1.98	cps
Barium	135-1	794959	812401	805309	804223	1.09	cps
Barium	137-1	1369071	1407388	1399214	1391891	1.45	cps
Beryllium	9-1	206455	207969	206631	207018	0.40	cps
Bismuth	209-1	6197342	6258673	6117873	6191296	1.14	cps
Bismuth	209-2	2899782	2909125	2961971	2923626	1.15	cps
Bromine	81-1	22605	22929	22398	22644	1.18	cps
Cadmium	108-1	14785	14998	15208	14997	1.41	cps
Cadmium	106-1	27524	28038	27822	27795	0.93	cps
Cadmium	111-1	186504	192574	190789	189956	1.64	cps
Calcium	43-1	237232	237252	234911	236465	0.57	cps
Calcium	44-1	3859631	3859885	3783089	3834202	1.15	cps
Carbon	12-1	2852391	2835550	2875303	2854415	0.70	cps
Carbon	12-2	19156	18445	19076	18892	2.06	cps
Chlorine	35-1	128706	129136	129691	129177	0.38	cps
Chlorine	35-2	457	480	407	448	8.37	cps
Chromium	52-2	149398	148973	149880	149417	0.30	cps
Cobalt	59-2	284587	289625	287044	287085	0.88	cps
Copper	63-2	2364254	2353938	2310308	2342833	1.22	cps
Dysprosium	156-1	30	37	37	34	11.18	cps
Dysprosium	156-2	13	7	13	11	34.61	cps
Erbium	164-1	120	100	127	116	12.01	cps
Erbium	164-2	33	43	40	39	13.09	cps
Gadolinium	160-1	123	143	123	130	8.88	cps
Gadolinium	160-2	17	33	30	27	33.06	cps
Holmium	165-1	10211011	10213288	10166308	10196869	0.26	cps
Holmium	165-2	4081967	4067134	4028473	4059191	0.68	cps
Indium	115-1	9308742	9320433	9300996	9310057	0.11	cps
Indium	115-2	988699	990993	995733	991809	0.36	cps
Iron	54-2	314045	306250	311081	310459	1.27	cps
Iron	56-2	5845138	5763756	5593616	5734170	2.24	cps
Iron	57-2	144696	144026	142588	143770	0.75	cps
Krypton	83-1	233	237	200	223	9.08	cps
Lead	206-1	2436116	2428082	2333343	2399180	2.38	cps

LB Number :	LB135893	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2025-05-22 12:37:13	DataFile Name :	007CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	2018156	2032635	1973082	2007958	1.55	cps
Lead	208-1	9416823	9427953	9173546	9339441	1.54	cps
Lithium	6-1	3633378	3668246	3695697	3665773	0.85	cps
Magnesium	24-2	897228	908426	905879	903845	0.65	cps
Manganese	55-2	635161	634289	632141	633864	0.25	cps
Molybdenum	94-1	2558370	2606654	2543844	2569623	1.28	cps
Molybdenum	95-1	3765161	3805583	3695409	3755384	1.48	cps
Molybdenum	96-1	4068599	4095263	4065078	4076313	0.40	cps
Molybdenum	97-1	2306011	2310838	2326930	2314593	0.47	cps
Molybdenum	98-1	5991383	5998442	5928260	5972695	0.65	cps
Neodymium	150-1	110	57	53	73	43.36	cps
Neodymium	150-2	3	10	13	9	57.30	cps
Nickel	60-2	80198	80925	79202	80108	1.08	cps
Phosphorus	31-2	2947	2940	2910	2933	0.67	cps
Potassium	39-2	296209	294998	294915	295374	0.25	cps
Rhodium	103-1	9073102	9010103	8873451	8985552	1.14	cps
Rhodium	103-2	3646534	3726382	3620420	3664446	1.51	cps
Scandium	45-1	6423378	6378299	6425273	6408983	0.41	cps
Scandium	45-2	119367	120211	119347	119642	0.41	cps
Selenium	82-1	12432	12392	12886	12570	2.18	cps
Selenium	77-2	217	233	223	224	3.74	cps
Selenium	78-2	897	770	767	811	9.14	cps
Silicon	28-1	5656296	5657461	5582063	5631940	0.77	cps
Silver	107-1	914079	939238	931747	928355	1.39	cps
Silver	109-1	858023	886726	885780	876843	1.86	cps
Sodium	23-2	1747920	1829202	1770305	1782476	2.36	cps
Strontium	86-1	227988	231628	232704	230773	1.07	cps
Strontium	88-1	2092414	2030819	2062399	2061877	1.49	cps
Sulfur	34-1	688063	683581	680254	683966	0.57	cps
Terbium	159-1	10947694	11068329	10820804	10945609	1.13	cps
Terbium	159-2	3943113	3984592	3975303	3967669	0.55	cps
Thallium	203-1	544355	560024	556457	553612	1.48	cps
Thallium	205-1	1317262	1328668	1323173	1323034	0.43	cps
Tin	118-1	572839	585141	578059	578680	1.07	cps
Titanium	47-1	1070114	1080948	1074901	1075321	0.50	cps
Uranium	238-1	1583728	1606781	1592862	1594457	0.73	cps

LB Number :	LB135893	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2025-05-22 12:37:13	DataFile Name :	007CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	115163	115169	115280	115204	0.06	cps
Ytterbium	172-1	63	83	83	77	15.06	cps
Ytterbium	172-2	60	27	43	43	38.46	cps
Ytterbium	176-1	4351	4314	4214	4293	1.65	cps
Ytterbium	176-2	1587	1667	1327	1527	11.64	cps
Yttrium	89-1	17228874	17295666	17103597	17209379	0.57	cps
Yttrium	89-2	1281572	1278770	1290130	1283490	0.46	cps
Zinc	66-2	255826	255599	254451	255292	0.29	cps
Zirconium	90-1	1243254	1277210	1261907	1260790	1.35	cps
Zirconium	91-1	281567	283135	281848	282183	0.30	cps

LB Number :	LB135893	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2025-05-22 12:41:56	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	122810	122598	121375	122261	0.63	cps
Antimony	121-1	1893268	1943714	1896503	1911161	1.48	cps
Arsenic	75-2	42052	41197	41601	41617	1.03	cps
Barium	135-1	1994363	2060647	2057184	2037398	1.83	cps
Barium	137-1	3390786	3502904	3644721	3512803	3.62	cps
Beryllium	9-1	494439	499611	500258	498103	0.64	cps
Bismuth	209-1	6198280	6141307	6303235	6214274	1.32	cps
Bismuth	209-2	2861857	2844550	2839110	2848506	0.42	cps
Bromine	81-1	21647	21280	20993	21306	1.54	cps
Cadmium	108-1	36044	37187	36565	36598	1.56	cps
Cadmium	106-1	57305	59260	58105	58223	1.69	cps
Cadmium	111-1	452414	465438	456991	458281	1.44	cps
Calcium	43-1	561065	569558	566039	565554	0.75	cps
Calcium	44-1	9051913	9194067	9110275	9118752	0.78	cps
Carbon	12-1	2817140	2794443	2778717	2796767	0.69	cps
Carbon	12-2	18962	18795	18732	18830	0.63	cps
Chlorine	35-1	128359	130471	129439	129423	0.82	cps
Chlorine	35-2	460	427	530	472	11.17	cps
Chromium	52-2	357317	358107	356339	357254	0.25	cps
Cobalt	59-2	685393	685610	681466	684157	0.34	cps
Copper	63-2	5525797	5542547	5482149	5516831	0.57	cps
Dysprosium	156-1	57	60	60	59	3.26	cps
Dysprosium	156-2	17	7	10	11	45.82	cps
Erbium	164-1	113	113	103	110	5.25	cps
Erbium	164-2	60	23	27	37	55.30	cps
Gadolinium	160-1	180	107	117	134	29.58	cps
Gadolinium	160-2	33	27	30	30	11.10	cps
Holmium	165-1	10283189	10362953	10578737	10408293	1.47	cps
Holmium	165-2	3930019	3980022	3956951	3955664	0.63	cps
Indium	115-1	9369677	9453470	9325688	9382945	0.69	cps
Indium	115-2	954847	961472	958842	958387	0.35	cps
Iron	54-2	751393	742675	733844	742637	1.18	cps
Iron	56-2	13877213	13923592	13608198	13803001	1.23	cps
Iron	57-2	341325	343384	346288	343666	0.73	cps
Krypton	83-1	213	177	237	209	14.48	cps
Lead	206-1	5847351	5959328	5998536	5935072	1.32	cps

LB Number :	LB135893	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2025-05-22 12:41:56	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	4929768	5140254	5009034	5026352	2.11	cps
Lead	208-1	23103778	23180494	23225822	23170031	0.27	cps
Lithium	6-1	3634212	3597872	3595848	3609311	0.60	cps
Magnesium	24-2	2107546	2137317	2161340	2135401	1.26	cps
Manganese	55-2	1545879	1586058	1538954	1556964	1.63	cps
Molybdenum	94-1	6095984	6252869	6112596	6153817	1.40	cps
Molybdenum	95-1	9008571	9163371	8949517	9040486	1.22	cps
Molybdenum	96-1	9767012	9905336	9637357	9769902	1.37	cps
Molybdenum	97-1	5456653	5592926	5477521	5509034	1.33	cps
Molybdenum	98-1	14250361	14412003	14486919	14383094	0.84	cps
Neodymium	150-1	157	193	177	176	10.46	cps
Neodymium	150-2	13	10	13	12	15.73	cps
Nickel	60-2	189769	189938	189690	189799	0.07	cps
Phosphorus	31-2	6592	6492	6725	6603	1.77	cps
Potassium	39-2	680747	692553	692153	688484	0.97	cps
Rhodium	103-1	8673558	8803483	8626721	8701254	1.05	cps
Rhodium	103-2	3483461	3521354	3407656	3470824	1.67	cps
Scandium	45-1	6150614	6333247	6119737	6201199	1.86	cps
Scandium	45-2	115836	115822	116181	115946	0.18	cps
Selenium	82-1	29919	29642	30270	29944	1.05	cps
Selenium	77-2	543	540	507	530	3.83	cps
Selenium	78-2	1827	1917	1817	1853	2.97	cps
Silicon	28-1	12701072	12690983	12650607	12680887	0.21	cps
Silver	107-1	2369458	2436854	2341329	2382547	2.06	cps
Silver	109-1	2220703	2271702	2235467	2242624	1.17	cps
Sodium	23-2	4310850	4157919	4209290	4226020	1.84	cps
Strontium	86-1	553576	561592	555358	556842	0.76	cps
Strontium	88-1	4918581	4970196	4965089	4951289	0.57	cps
Sulfur	34-1	778006	777903	764307	773405	1.02	cps
Terbium	159-1	10959825	10995999	10639261	10865028	1.81	cps
Terbium	159-2	3918788	3936142	3862035	3905655	0.99	cps
Thallium	203-1	1360309	1397731	1394988	1384343	1.51	cps
Thallium	205-1	3339765	3358849	3483373	3393996	2.30	cps
Tin	118-1	1387765	1418029	1434431	1413408	1.67	cps
Titanium	47-1	2606020	2586462	2599236	2597239	0.38	cps
Uranium	238-1	4152528	4173784	4235593	4187302	1.03	cps

LB Number :	LB135893	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2025-05-22 12:41:56	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	274182	275717	273556	274485	0.41	cps
Ytterbium	172-1	120	87	107	104	16.06	cps
Ytterbium	172-2	37	17	47	33	45.82	cps
Ytterbium	176-1	8640	8700	8469	8603	1.39	cps
Ytterbium	176-2	3174	3130	2934	3079	4.15	cps
Yttrium	89-1	17499608	16951446	17107627	17186227	1.64	cps
Yttrium	89-2	1225306	1246089	1243342	1238246	0.91	cps
Zinc	66-2	605857	610087	609455	608466	0.38	cps
Zirconium	90-1	3174144	3162855	3157420	3164807	0.27	cps
Zirconium	91-1	673671	690899	685834	683468	1.30	cps

LB Number :	LB135893	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2025-05-22 12:44:58	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	241183	241988	241844	241672	0.18	cps
Antimony	121-1	3737659	3831842	3725540	3765013	1.55	cps
Arsenic	75-2	82882	82865	81504	82417	0.96	cps
Barium	135-1	4025159	4137902	4045972	4069678	1.47	cps
Barium	137-1	6841893	7117321	6972555	6977257	1.97	cps
Beryllium	9-1	962546	975305	973864	970572	0.72	cps
Bismuth	209-1	5966110	6106635	6169589	6080778	1.71	cps
Bismuth	209-2	2867435	2830733	2752794	2816987	2.08	cps
Bromine	81-1	21129	20889	20952	20990	0.59	cps
Cadmium	108-1	70861	73086	72315	72087	1.57	cps
Cadmium	106-1	108277	109036	110740	109351	1.15	cps
Cadmium	111-1	885869	896972	909627	897489	1.32	cps
Calcium	43-1	1112180	1111641	1127653	1117158	0.81	cps
Calcium	44-1	18071414	17933617	18207236	18070756	0.76	cps
Carbon	12-1	2778387	2766733	2768773	2771297	0.22	cps
Carbon	12-2	18992	18779	19476	19082	1.87	cps
Chlorine	35-1	130146	133176	131622	131648	1.15	cps
Chlorine	35-2	447	517	470	478	7.46	cps
Chromium	52-2	706742	713189	710974	710302	0.46	cps
Cobalt	59-2	1353521	1339781	1345807	1346370	0.51	cps
Copper	63-2	10857977	10733221	10833287	10808162	0.61	cps
Dysprosium	156-1	103	77	90	90	14.81	cps
Dysprosium	156-2	13	23	20	19	26.96	cps
Erbium	164-1	113	143	130	129	11.67	cps
Erbium	164-2	60	47	33	47	28.58	cps
Gadolinium	160-1	160	153	133	149	9.32	cps
Gadolinium	160-2	40	70	37	49	37.55	cps
Holmium	165-1	10410411	10514418	10484519	10469783	0.51	cps
Holmium	165-2	4040221	3958983	4055423	4018209	1.29	cps
Indium	115-1	9025494	9086642	8957294	9023143	0.72	cps
Indium	115-2	934362	930835	940468	935221	0.52	cps
Iron	54-2	1500956	1506239	1491684	1499626	0.49	cps
Iron	56-2	27234670	27215057	26986890	27145539	0.51	cps
Iron	57-2	678039	682483	670532	677018	0.89	cps
Krypton	83-1	230	213	200	214	7.01	cps
Lead	206-1	12009111	11849841	12063566	11974173	0.93	cps

LB Number :	LB135893	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2025-05-22 12:44:58	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	10094745	10266465	10229740	10196983	0.89	cps
Lead	208-1	45844439	47058128	48010209	46970925	2.31	cps
Lithium	6-1	3515302	3514019	3458252	3495858	0.93	cps
Magnesium	24-2	4233685	4220558	4096211	4183485	1.81	cps
Manganese	55-2	3031324	3021292	3060409	3037675	0.67	cps
Molybdenum	94-1	12469053	12221763	12439889	12376902	1.09	cps
Molybdenum	95-1	17486489	17724734	18102434	17771219	1.75	cps
Molybdenum	96-1	19611336	19769828	19226764	19535976	1.43	cps
Molybdenum	97-1	11043420	10938952	11211287	11064553	1.24	cps
Molybdenum	98-1	28688951	28058800	28850544	28532765	1.47	cps
Neodymium	150-1	263	290	350	301	14.74	cps
Neodymium	150-2	30	27	27	28	6.92	cps
Nickel	60-2	374055	374785	371706	373515	0.43	cps
Phosphorus	31-2	13326	13363	13560	13416	0.94	cps
Potassium	39-2	1348484	1349859	1319234	1339192	1.29	cps
Rhodium	103-1	8458266	8376775	8486611	8440551	0.68	cps
Rhodium	103-2	3394529	3374646	3430532	3399902	0.83	cps
Scandium	45-1	5817766	5985509	5976485	5926587	1.59	cps
Scandium	45-2	114163	114679	113968	114270	0.32	cps
Selenium	82-1	59868	60434	60313	60205	0.49	cps
Selenium	77-2	1020	990	1050	1020	2.94	cps
Selenium	78-2	3727	3517	3560	3602	3.08	cps
Silicon	28-1	23462541	24422786	24130695	24005341	2.05	cps
Silver	107-1	4596231	4688535	4587348	4624038	1.21	cps
Silver	109-1	4253356	4332910	4432968	4339745	2.07	cps
Sodium	23-2	8378133	8509349	8416710	8434731	0.80	cps
Strontium	86-1	1103527	1116935	1115578	1112013	0.66	cps
Strontium	88-1	9724470	9946132	10023579	9898061	1.57	cps
Sulfur	34-1	937654	942177	928109	935980	0.77	cps
Terbium	159-1	10787204	10580766	10660005	10675991	0.98	cps
Terbium	159-2	3878020	3842144	3786978	3835714	1.20	cps
Thallium	203-1	2992775	2966799	2922429	2960668	1.20	cps
Thallium	205-1	6718203	6939141	7026022	6894456	2.30	cps
Tin	118-1	2884865	2869887	2946128	2900293	1.39	cps
Titanium	47-1	5069174	4982203	5029514	5026964	0.87	cps
Uranium	238-1	8242317	8606354	8696769	8515146	2.83	cps

LB Number :	LB135893	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2025-05-22 12:44:58	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	544205	544419	547996	545540	0.39	cps
Ytterbium	172-1	137	163	157	152	9.12	cps
Ytterbium	172-2	63	80	63	69	13.97	cps
Ytterbium	176-1	14882	15045	15846	15258	3.38	cps
Ytterbium	176-2	5678	5555	5938	5724	3.42	cps
Yttrium	89-1	16646189	16622193	16896596	16721659	0.91	cps
Yttrium	89-2	1216372	1218275	1230482	1221710	0.63	cps
Zinc	66-2	1195195	1201908	1194834	1197312	0.33	cps
Zirconium	90-1	6244404	6417277	6223708	6295130	1.69	cps
Zirconium	91-1	1340909	1366250	1366739	1357966	1.09	cps

LB Number :	LB135893	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2025-05-22 12:48:00	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	461893	471683	467612	467062	1.05	cps
Antimony	121-1	7397911	7339233	7470876	7402673	0.89	cps
Arsenic	75-2	157745	160496	160226	159489	0.95	cps
Barium	135-1	7985674	7989278	8004731	7993228	0.13	cps
Barium	137-1	13593516	13704853	13620552	13639640	0.43	cps
Beryllium	9-1	1740823	1739651	1737308	1739261	0.10	cps
Bismuth	209-1	5932434	5984931	6068347	5995238	1.14	cps
Bismuth	209-2	2632002	2698982	2727504	2686163	1.83	cps
Bromine	81-1	20034	20675	20599	20436	1.71	cps
Cadmium	108-1	137343	139821	139891	139019	1.04	cps
Cadmium	106-1	202175	207052	207721	205649	1.47	cps
Cadmium	111-1	1812423	1763575	1802519	1792839	1.44	cps
Calcium	43-1	2161615	2124990	2137673	2141426	0.87	cps
Calcium	44-1	35141863	34875112	34992163	35003046	0.38	cps
Carbon	12-1	2781228	2804453	2773753	2786478	0.57	cps
Carbon	12-2	19563	19166	19249	19326	1.08	cps
Chlorine	35-1	138542	140120	141783	140148	1.16	cps
Chlorine	35-2	423	533	597	518	16.94	cps
Chromium	52-2	1383613	1379774	1396338	1386575	0.63	cps
Cobalt	59-2	2716544	2683260	2667947	2689250	0.92	cps
Copper	63-2	21123917	20822398	20547813	20831376	1.38	cps
Dysprosium	156-1	160	233	227	207	19.62	cps
Dysprosium	156-2	33	37	33	34	5.60	cps
Erbium	164-1	193	220	227	213	8.27	cps
Erbium	164-2	67	83	50	67	25.00	cps
Gadolinium	160-1	173	193	207	191	8.78	cps
Gadolinium	160-2	50	40	50	47	12.37	cps
Holmium	165-1	9916382	10309912	10393661	10206652	2.50	cps
Holmium	165-2	3845401	3978932	3935450	3919928	1.74	cps
Indium	115-1	8661740	8800615	8788279	8750211	0.88	cps
Indium	115-2	886200	897519	885061	889593	0.77	cps
Iron	54-2	2851052	2933903	2880829	2888595	1.45	cps
Iron	56-2	51812703	52007761	52745614	52188693	0.94	cps
Iron	57-2	1290738	1309494	1304681	1301637	0.75	cps
Krypton	83-1	220	203	277	233	16.47	cps
Lead	206-1	22903900	23098915	23188663	23063826	0.63	cps

LB Number :	LB135893	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2025-05-22 12:48:00	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	19280982	20135668	19872585	19763078	2.21	cps
Lead	208-1	89655322	92232131	91075332	90987595	1.42	cps
Lithium	6-1	3376777	3433713	3466213	3425568	1.32	cps
Magnesium	24-2	8175765	8152303	8201611	8176560	0.30	cps
Manganese	55-2	5737841	5756373	5698849	5731021	0.51	cps
Molybdenum	94-1	24316888	24321515	24646916	24428440	0.77	cps
Molybdenum	95-1	35155639	35135432	35364091	35218388	0.36	cps
Molybdenum	96-1	37604965	38117878	38463118	38061987	1.13	cps
Molybdenum	97-1	21118986	21858776	21459319	21479027	1.72	cps
Molybdenum	98-1	56455927	57665071	57673787	57264929	1.22	cps
Neodymium	150-1	640	617	583	613	4.64	cps
Neodymium	150-2	53	40	40	44	17.32	cps
Nickel	60-2	709691	718475	706357	711508	0.88	cps
Phosphorus	31-2	25669	25626	26384	25893	1.64	cps
Potassium	39-2	2611433	2627413	2590036	2609627	0.72	cps
Rhodium	103-1	7890544	8162561	8207051	8086719	2.12	cps
Rhodium	103-2	3287289	3336997	3258515	3294267	1.21	cps
Scandium	45-1	5714317	5941637	5905147	5853700	2.09	cps
Scandium	45-2	111014	109910	109910	110278	0.58	cps
Selenium	82-1	113120	115032	116128	114760	1.33	cps
Selenium	77-2	2154	2023	2147	2108	3.47	cps
Selenium	78-2	7115	7145	7085	7115	0.42	cps
Silicon	28-1	46050403	45450193	45572508	45691034	0.69	cps
Silver	107-1	9003668	8996138	8725551	8908453	1.78	cps
Silver	109-1	8324750	8262585	8378284	8321873	0.70	cps
Sodium	23-2	15911902	16064736	16706609	16227749	2.60	cps
Strontium	86-1	2212363	2212479	2260608	2228483	1.25	cps
Strontium	88-1	18503002	19112435	19348114	18987850	2.30	cps
Sulfur	34-1	1108554	1085373	1076592	1090173	1.51	cps
Terbium	159-1	10760459	10659696	10672208	10697454	0.51	cps
Terbium	159-2	3658581	3728930	3683746	3690419	0.97	cps
Thallium	203-1	5631847	5751409	5720781	5701346	1.09	cps
Thallium	205-1	13293324	13122129	13363104	13259519	0.94	cps
Tin	118-1	5453655	5531262	5654002	5546306	1.82	cps
Titanium	47-1	9859734	9607562	9758218	9741838	1.30	cps
Uranium	238-1	16483000	17074006	16594348	16717118	1.88	cps

LB Number :	LB135893	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2025-05-22 12:48:00	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1058253	1055948	1059135	1057778	0.16	cps
Ytterbium	172-1	230	203	223	219	6.34	cps
Ytterbium	172-2	100	87	93	93	7.14	cps
Ytterbium	176-1	27993	28534	29607	28711	2.86	cps
Ytterbium	176-2	10724	10704	10614	10681	0.55	cps
Yttrium	89-1	15987766	16458282	16421967	16289339	1.61	cps
Yttrium	89-2	1176184	1189236	1169139	1178186	0.87	cps
Zinc	66-2	2375965	2395215	2364029	2378403	0.66	cps
Zirconium	90-1	12258173	12276554	12267838	12267522	0.07	cps
Zirconium	91-1	2730503	2755175	2752752	2746143	0.50	cps

LB Number :	LB135893	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2025-05-22 12:50:45	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	903597	921514	909092	911401	1.01	cps
Antimony	121-1	14095904	14506166	14529036	14377035	1.70	cps
Arsenic	75-2	307370	310847	308596	308938	0.57	cps
Barium	135-1	15240488	15263631	15386144	15296754	0.51	cps
Barium	137-1	25148110	26639819	26313839	26033923	3.01	cps
Beryllium	9-1	3281733	3384260	3361402	3342465	1.61	cps
Bismuth	209-1	5678472	5795661	5889280	5787804	1.82	cps
Bismuth	209-2	2537342	2624453	2562586	2574794	1.74	cps
Bromine	81-1	21086	19984	20415	20495	2.71	cps
Cadmium	108-1	264094	265286	268500	265960	0.86	cps
Cadmium	106-1	381609	390934	389187	387243	1.28	cps
Cadmium	111-1	3351575	3421192	3455511	3409426	1.55	cps
Calcium	43-1	3912756	4146293	4103955	4054335	3.07	cps
Calcium	44-1	65585847	68503414	68059457	67382906	2.33	cps
Carbon	12-1	2808955	2871140	2853110	2844401	1.12	cps
Carbon	12-2	20311	20615	20434	20453	0.75	cps
Chlorine	35-1	158208	162699	163711	161539	1.81	cps
Chlorine	35-2	663	683	620	656	4.94	cps
Chromium	52-2	2754050	2724880	2710521	2729817	0.81	cps
Cobalt	59-2	5094676	5100854	4978750	5058094	1.36	cps
Copper	63-2	39443551	39322132	39863507	39543063	0.72	cps
Dysprosium	156-1	410	407	487	434	10.42	cps
Dysprosium	156-2	37	83	73	64	38.12	cps
Erbium	164-1	323	307	293	308	4.88	cps
Erbium	164-2	110	120	90	107	14.32	cps
Gadolinium	160-1	263	257	257	259	1.49	cps
Gadolinium	160-2	123	93	100	106	14.93	cps
Holmium	165-1	9943545	10295807	10115342	10118231	1.74	cps
Holmium	165-2	3765567	3764237	3825008	3784937	0.92	cps
Indium	115-1	8013693	8261294	8323302	8199430	2.00	cps
Indium	115-2	826448	848196	843489	839378	1.36	cps
Iron	54-2	5503058	5534072	5598191	5545107	0.87	cps
Iron	56-2	101999652	100968975	98234599	100401075	1.94	cps
Iron	57-2	2550081	2618506	2628950	2599179	1.65	cps
Krypton	83-1	227	243	267	246	8.18	cps
Lead	206-1	44532323	45041624	45473889	45015945	1.05	cps

LB Number :	LB135893	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2025-05-22 12:50:45	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	36959442	39170550	38235931	38121974	2.91	cps
Lead	208-1	171956300	179502646	179224029	176894325	2.42	cps
Lithium	6-1	3286309	3252108	3289533	3275983	0.63	cps
Magnesium	24-2	15824319	15662516	15838567	15775134	0.62	cps
Manganese	55-2	11318057	11336763	11336131	11330317	0.09	cps
Molybdenum	94-1	46578463	48202329	47693854	47491549	1.75	cps
Molybdenum	95-1	67365464	68413051	67997156	67925223	0.78	cps
Molybdenum	96-1	74404267	75651317	75200864	75085483	0.84	cps
Molybdenum	97-1	40551033	42881664	42242669	41891789	2.87	cps
Molybdenum	98-1	106456022	110272625	108155785	108294811	1.77	cps
Neodymium	150-1	1197	1160	1150	1169	2.10	cps
Neodymium	150-2	60	87	63	70	20.76	cps
Nickel	60-2	1356039	1338954	1351070	1348687	0.65	cps
Phosphorus	31-2	50521	50896	50467	50628	0.46	cps
Potassium	39-2	4980913	4924949	4987339	4964400	0.69	cps
Rhodium	103-1	7723323	7990422	7759767	7824504	1.85	cps
Rhodium	103-2	3080389	3147319	3148107	3125272	1.24	cps
Scandium	45-1	5684718	5697419	5717348	5699828	0.29	cps
Scandium	45-2	108774	109906	111079	109920	1.05	cps
Selenium	82-1	220050	222062	221845	221319	0.50	cps
Selenium	77-2	3931	3871	3854	3885	1.04	cps
Selenium	78-2	13427	13203	13083	13237	1.32	cps
Silicon	28-1	88576169	87873849	87336499	87928839	0.71	cps
Silver	107-1	16899894	16881159	17139993	16973682	0.85	cps
Silver	109-1	15818885	15593258	16058750	15823631	1.47	cps
Sodium	23-2	31118637	31061711	31848468	31342939	1.40	cps
Strontium	86-1	4278195	4309667	4351236	4313033	0.85	cps
Strontium	88-1	36784895	37904514	38087411	37592273	1.88	cps
Sulfur	34-1	1607951	1627198	1595323	1610157	1.00	cps
Terbium	159-1	10579932	10381889	10369269	10443696	1.13	cps
Terbium	159-2	3690991	3700863	3649713	3680522	0.74	cps
Thallium	203-1	10925334	11015969	11035945	10992416	0.54	cps
Thallium	205-1	25853470	25805476	27012940	26223962	2.61	cps
Tin	118-1	10721390	10934427	10886704	10847507	1.03	cps
Titanium	47-1	18723676	19240363	19282494	19082177	1.63	cps
Uranium	238-1	31715606	33402580	33260401	32792863	2.85	cps

LB Number :	LB135893	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2025-05-22 12:50:45	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	2036357	2097325	2087666	2073782	1.58	cps
Ytterbium	172-1	323	333	287	314	7.81	cps
Ytterbium	172-2	160	143	147	150	5.88	cps
Ytterbium	176-1	54261	55513	55024	54933	1.15	cps
Ytterbium	176-2	20953	20893	20623	20823	0.85	cps
Yttrium	89-1	15603284	15936139	16113537	15884320	1.63	cps
Yttrium	89-2	1132436	1161736	1167567	1153913	1.63	cps
Zinc	66-2	4559867	4468743	4470675	4499762	1.16	cps
Zirconium	90-1	23264300	24159361	23934161	23785941	1.96	cps
Zirconium	91-1	5164035	5297478	5294215	5251909	1.45	cps

LB Number :	LB135893	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2025-05-22 12:53:32	DataFile Name :	012CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4195827	4179821	4234363	4203337	0.67	cps
Antimony	121-1	8199	7799	7535	7845	4.26	cps
Arsenic	75-2	113	130	133	126	8.53	cps
Barium	135-1	7125	7099	6792	7005	2.65	cps
Barium	137-1	12619	11792	12002	12138	3.54	cps
Beryllium	9-1	862	727	637	742	15.25	cps
Bismuth	209-1	5316740	5335737	5280113	5310864	0.53	cps
Bismuth	209-2	2397240	2342885	2378642	2372922	1.16	cps
Bromine	81-1	20488	20438	19774	20234	1.97	cps
Cadmium	108-1	190	127	123	147	25.61	cps
Cadmium	106-1	5434	5598	5264	5432	3.07	cps
Cadmium	111-1	4278	4430	4205	4304	2.66	cps
Calcium	43-1	20179142	20029206	19899315	20035888	0.70	cps
Calcium	44-1	327911415	330711455	318947809	325856893	1.89	cps
Carbon	12-1	2536691	2535857	2534486	2535678	0.04	cps
Carbon	12-2	22120	22157	22310	22196	0.45	cps
Chlorine	35-1	120953	121178	120816	120982	0.15	cps
Chlorine	35-2	393	393	457	414	8.82	cps
Chromium	52-2	3994	4047	3904	3982	1.82	cps
Cobalt	59-2	5688	5788	5655	5710	1.22	cps
Copper	63-2	6732	6608	6575	6638	1.24	cps
Dysprosium	156-1	753	673	753	727	6.36	cps
Dysprosium	156-2	243	203	150	199	23.54	cps
Erbium	164-1	1423	1367	1273	1355	5.59	cps
Erbium	164-2	497	523	513	511	2.64	cps
Gadolinium	160-1	697	723	770	730	5.08	cps
Gadolinium	160-2	333	320	283	312	8.29	cps
Holmium	165-1	9765137	9678633	9746055	9729942	0.47	cps
Holmium	165-2	3676072	3699457	3752507	3709345	1.06	cps
Indium	115-1	7996929	7797325	7906836	7900363	1.27	cps
Indium	115-2	822817	823055	828725	824866	0.41	cps
Iron	54-2	25658324	25171901	25237906	25356044	1.04	cps
Iron	56-2	473122833	477490460	470367940	473660411	0.76	cps
Iron	57-2	11994894	12002086	12034915	12010632	0.18	cps
Krypton	83-1	223	283	230	246	13.39	cps
Lead	206-1	32136	32293	31712	32047	0.94	cps

LB Number :	LB135893	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2025-05-22 12:53:32	DataFile Name :	012CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	27850	27422	27202	27491	1.20	cps
Lead	208-1	126620	126755	125893	126423	0.37	cps
Lithium	6-1	3064796	3019901	3035248	3039982	0.75	cps
Magnesium	24-2	72947029	71890907	72992404	72610113	0.86	cps
Manganese	55-2	5064	4711	4774	4850	3.89	cps
Molybdenum	94-1	13073	12125	11922	12373	4.96	cps
Molybdenum	95-1	9737	8816	7849	8801	10.73	cps
Molybdenum	96-1	16703	15372	14881	15652	6.02	cps
Molybdenum	97-1	5695	5188	4874	5252	7.88	cps
Molybdenum	98-1	14798	12936	12322	13352	9.66	cps
Neodymium	150-1	237	240	310	262	15.79	cps
Neodymium	150-2	80	90	93	88	7.90	cps
Nickel	60-2	3390	3264	3407	3354	2.34	cps
Phosphorus	31-2	100	60	90	83	24.98	cps
Potassium	39-2	23276853	23149493	23141338	23189228	0.33	cps
Rhodium	103-1	7136797	7323570	7066951	7175772	1.85	cps
Rhodium	103-2	2859818	2888523	2862741	2870361	0.55	cps
Scandium	45-1	5488807	5535009	5414465	5479427	1.11	cps
Scandium	45-2	102821	102506	102116	102481	0.34	cps
Selenium	82-1	310	203	163	226	33.61	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	43	17	47	36	46.24	cps
Silicon	28-1	647641	598559	582361	609520	5.58	cps
Silver	107-1	1907	1740	1663	1770	7.03	cps
Silver	109-1	1707	1683	1310	1567	14.21	cps
Sodium	23-2	145452341	145175878	144616685	145081635	0.29	cps
Strontium	86-1	14448	14384	13790	14207	2.55	cps
Strontium	88-1	124906	123073	122841	123607	0.92	cps
Sulfur	34-1	491545	491711	490890	491382	0.09	cps
Terbium	159-1	10102195	10061923	9853491	10005870	1.33	cps
Terbium	159-2	3570532	3576572	3584967	3577357	0.20	cps
Thallium	203-1	1123	873	873	957	15.09	cps
Thallium	205-1	2464	2287	2094	2281	8.11	cps
Tin	118-1	4165	3400	3364	3643	12.42	cps
Titanium	47-1	2200	2100	1997	2099	4.84	cps
Uranium	238-1	1883	1660	1423	1656	13.90	cps

LB Number :	LB135893	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2025-05-22 12:53:32	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	520	503	517	513	1.72	cps
Ytterbium	172-1	997	1030	930	986	5.17	cps
Ytterbium	172-2	497	507	457	487	5.44	cps
Ytterbium	176-1	2054	1900	2174	2042	6.71	cps
Ytterbium	176-2	587	600	543	577	5.14	cps
Yttrium	89-1	15164889	15448830	15221466	15278395	0.98	cps
Yttrium	89-2	1102307	1108158	1095607	1102024	0.57	cps
Zinc	66-2	19176	18732	19060	18989	1.21	cps
Zirconium	90-1	19991	19010	19494	19498	2.52	cps
Zirconium	91-1	4281	4191	4534	4335	4.11	cps

LB Number :	LB135893	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired :	2025-05-22 13:26:41	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	22995	22618	22087	22567	2.02	cps
Antimony	121-1	2838092	2847830	2964883	2883602	2.45	cps
Arsenic	75-2	65002	64654	64781	64813	0.27	cps
Barium	135-1	299271	309201	308833	305768	1.84	cps
Barium	137-1	518731	520716	536294	525247	1.83	cps
Beryllium	9-1	385766	390373	393637	389925	1.01	cps
Bismuth	209-1	6061898	6132298	6193550	6129249	1.07	cps
Bismuth	209-2	2898303	2922568	3001394	2940755	1.83	cps
Bromine	81-1	21203	21016	21350	21189	0.79	cps
Cadmium	108-1	22455	22973	23650	23026	2.60	cps
Cadmium	106-1	36241	36241	37635	36705	2.19	cps
Cadmium	111-1	345321	345797	352084	347734	1.09	cps
Calcium	43-1	82176	84879	85036	84030	1.91	cps
Calcium	44-1	1348674	1396815	1407925	1384471	2.27	cps
Carbon	12-1	2722925	2817272	2851119	2797105	2.38	cps
Carbon	12-2	19096	19039	18735	18957	1.02	cps
Chlorine	35-1	136167	139003	141426	138865	1.90	cps
Chlorine	35-2	580	543	457	527	12.03	cps
Chromium	52-2	282921	282878	282289	282696	0.13	cps
Cobalt	59-2	547200	548700	547031	547644	0.17	cps
Copper	63-2	436356	437634	435850	436613	0.21	cps
Dysprosium	156-1	30	17	10	19	53.91	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	93	120	80	98	20.83	cps
Erbium	164-2	13	30	27	23	37.81	cps
Gadolinium	160-1	90	100	87	92	7.52	cps
Gadolinium	160-2	17	20	33	23	37.78	cps
Holmium	165-1	10032070	10501544	10266623	10266746	2.29	cps
Holmium	165-2	4050602	3985213	3982091	4005969	0.97	cps
Indium	115-1	8956058	8981813	9197618	9045163	1.47	cps
Indium	115-2	978142	976092	975685	976640	0.13	cps
Iron	54-2	234871	233584	234451	234302	0.28	cps
Iron	56-2	4206062	4245478	4296891	4249477	1.07	cps
Iron	57-2	105225	105553	103647	104808	0.97	cps
Krypton	83-1	187	190	190	189	1.02	cps
Lead	206-1	1911461	1959113	1941051	1937208	1.24	cps

LB Number :	LB135893	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired :	2025-05-22 13:26:41	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	1493560	1538678	1559810	1530683	2.21	cps
Lead	208-1	7376482	7557741	7506861	7480361	1.25	cps
Lithium	6-1	3592364	3582055	3543285	3572568	0.72	cps
Magnesium	24-2	191358	191049	192582	191663	0.42	cps
Manganese	55-2	122463	121256	120437	121385	0.84	cps
Molybdenum	94-1	810	847	827	828	2.22	cps
Molybdenum	95-1	307	360	283	317	12.41	cps
Molybdenum	96-1	597	583	623	601	3.39	cps
Molybdenum	97-1	253	217	223	231	8.45	cps
Molybdenum	98-1	530	563	667	587	12.15	cps
Neodymium	150-1	13	17	40	23	62.27	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	162986	162062	161485	162178	0.47	cps
Phosphorus	31-2	83	87	63	78	16.23	cps
Potassium	39-2	217005	216716	215979	216567	0.24	cps
Rhodium	103-1	8681343	8936259	8767474	8795025	1.47	cps
Rhodium	103-2	3620508	3435853	3586692	3547684	2.77	cps
Scandium	45-1	6099794	6115934	5996428	6070719	1.07	cps
Scandium	45-2	117704	119216	117247	118056	0.87	cps
Selenium	82-1	47063	48862	47999	47975	1.88	cps
Selenium	77-2	770	853	940	854	9.95	cps
Selenium	78-2	3130	3004	2977	3037	2.70	cps
Silicon	28-1	541496	538711	540105	540104	0.26	cps
Silver	107-1	798164	823635	825931	815910	1.89	cps
Silver	109-1	758551	770584	776992	768709	1.22	cps
Sodium	23-2	685323	684689	680061	683358	0.42	cps
Strontium	86-1	1327	1573	1397	1432	8.88	cps
Strontium	88-1	9593	9723	9473	9597	1.30	cps
Sulfur	34-1	589651	583954	588249	587285	0.51	cps
Terbium	159-1	10583957	10672969	10767476	10674801	0.86	cps
Terbium	159-2	3945887	3961763	3898313	3935321	0.84	cps
Thallium	203-1	2403582	2433718	2425748	2421016	0.64	cps
Thallium	205-1	5653006	5544707	5634720	5610811	1.03	cps
Tin	118-1	2230	2117	2310	2219	4.38	cps
Titanium	47-1	287	260	277	274	4.91	cps
Uranium	238-1	43	60	47	50	17.64	cps

LB Number :	LB135893	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired :	2025-05-22 13:26:41	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	213631	213801	212173	213202	0.42	cps
Ytterbium	172-1	63	63	97	74	25.86	cps
Ytterbium	172-2	37	67	30	44	43.95	cps
Ytterbium	176-1	1267	1453	1380	1367	6.88	cps
Ytterbium	176-2	550	583	567	567	2.94	cps
Yttrium	89-1	16799689	16592128	16934588	16775468	1.03	cps
Yttrium	89-2	1264431	1251112	1247194	1254246	0.72	cps
Zinc	66-2	98099	98778	98838	98572	0.42	cps
Zirconium	90-1	1467	1523	1523	1505	2.17	cps
Zirconium	91-1	613	740	803	719	13.46	cps

LB Number :	LB135893	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired :	2025-05-22 13:33:55	DataFile Name :	015LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1193	1243	1253	1230	2.61	cps
Antimony	121-1	29786	29879	30638	30101	1.55	cps
Arsenic	75-2	313	410	343	356	13.92	cps
Barium	135-1	31857	31978	31620	31819	0.57	cps
Barium	137-1	54288	55045	55814	55049	1.39	cps
Beryllium	9-1	4315	4490	4320	4375	2.28	cps
Bismuth	209-1	6028340	5937008	5923405	5962917	0.96	cps
Bismuth	209-2	2848118	2826735	2844893	2839915	0.41	cps
Bromine	81-1	21770	22471	22224	22155	1.61	cps
Cadmium	108-1	323	250	273	282	13.27	cps
Cadmium	106-1	5671	5651	5988	5770	3.27	cps
Cadmium	111-1	7207	7151	7441	7266	2.11	cps
Calcium	43-1	23803	24264	24157	24075	1.00	cps
Calcium	44-1	400770	406589	406227	404529	0.81	cps
Carbon	12-1	2715533	2691465	2678844	2695280	0.69	cps
Carbon	12-2	17871	17958	18311	18047	1.29	cps
Chlorine	35-1	106370	106149	106202	106240	0.11	cps
Chlorine	35-2	433	327	423	394	14.94	cps
Chromium	52-2	6555	6938	6365	6619	4.41	cps
Cobalt	59-2	6138	6131	5935	6068	1.90	cps
Copper	63-2	11104	10504	10838	10815	2.78	cps
Dysprosium	156-1	23	13	17	18	28.64	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	83	93	63	80	19.10	cps
Erbium	164-2	20	20	23	21	9.11	cps
Gadolinium	160-1	70	77	93	80	15.02	cps
Gadolinium	160-2	20	27	10	19	44.42	cps
Holmium	165-1	9935703	9958202	9996642	9963515	0.31	cps
Holmium	165-2	3896346	3970805	3867345	3911499	1.36	cps
Indium	115-1	8916353	9047030	9010337	8991240	0.75	cps
Indium	115-2	963974	962995	956334	961101	0.43	cps
Iron	54-2	7002	7172	6905	7026	1.92	cps
Iron	56-2	121203	121671	121021	121298	0.28	cps
Iron	57-2	3167	3057	3117	3114	1.77	cps
Krypton	83-1	180	150	197	176	13.47	cps
Lead	206-1	8576	8443	8630	8550	1.13	cps

LB Number :	LB135893	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired :	2025-05-22 13:33:55	DataFile Name :	015LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	7516	7089	7482	7362	3.22	cps
Lead	208-1	33761	33053	33841	33552	1.29	cps
Lithium	6-1	3521489	3475186	3505641	3500772	0.67	cps
Magnesium	24-2	91381	90569	91136	91029	0.46	cps
Manganese	55-2	2357	2344	2157	2286	4.89	cps
Molybdenum	94-1	30089	30103	30610	30267	0.98	cps
Molybdenum	95-1	35101	35649	36120	35623	1.43	cps
Molybdenum	96-1	39225	40315	38981	39507	1.80	cps
Molybdenum	97-1	21867	22225	22722	22271	1.93	cps
Molybdenum	98-1	55691	58021	56535	56749	2.08	cps
Neodymium	150-1	13	3	10	9	57.30	cps
Neodymium	150-2	3	0	7	3	100.05	cps
Nickel	60-2	1597	1580	1583	1587	0.56	cps
Phosphorus	31-2	803	817	823	814	1.25	cps
Potassium	39-2	69094	69791	69938	69608	0.65	cps
Rhodium	103-1	8511115	8589564	8591928	8564203	0.54	cps
Rhodium	103-2	3530211	3486191	3501278	3505893	0.64	cps
Scandium	45-1	5920290	5882691	5948051	5917011	0.55	cps
Scandium	45-2	115570	117303	114653	115842	1.16	cps
Selenium	82-1	1260	1347	1273	1293	3.61	cps
Selenium	77-2	20	17	23	20	16.65	cps
Selenium	78-2	103	67	107	92	24.06	cps
Silicon	28-1	558354	558564	566642	561187	0.84	cps
Silver	107-1	19030	19511	19627	19389	1.63	cps
Silver	109-1	18132	18506	18469	18369	1.12	cps
Sodium	23-2	203516	206868	206706	205697	0.92	cps
Strontium	86-1	4868	4898	5004	4923	1.46	cps
Strontium	88-1	39563	40017	39994	39858	0.64	cps
Sulfur	34-1	610888	604065	608367	607773	0.57	cps
Terbium	159-1	10378280	10625081	10479478	10494280	1.18	cps
Terbium	159-2	3824735	3870137	3801084	3831985	0.92	cps
Thallium	203-1	11188	11295	11632	11372	2.04	cps
Thallium	205-1	27442	27379	27763	27528	0.75	cps
Tin	118-1	59127	59324	59408	59286	0.24	cps
Titanium	47-1	10541	11351	11204	11032	3.92	cps
Uranium	238-1	32211	33009	32080	32434	1.55	cps

LB Number :	LB135893	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired :	2025-05-22 13:33:55	DataFile Name :	015LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	11441	11214	11535	11397	1.45	cps
Ytterbium	172-1	90	100	80	90	11.11	cps
Ytterbium	172-2	30	37	10	26	54.31	cps
Ytterbium	176-1	1370	1383	1390	1381	0.74	cps
Ytterbium	176-2	470	440	377	429	11.11	cps
Yttrium	89-1	16086546	16280704	16489268	16285506	1.24	cps
Yttrium	89-2	1236403	1227698	1239107	1234403	0.48	cps
Zinc	66-2	3207	3244	3034	3161	3.55	cps
Zirconium	90-1	27364	27835	26963	27387	1.59	cps
Zirconium	91-1	6355	5938	6108	6134	3.42	cps

LB Number :	LB135893	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired :	2025-05-22 13:40:46	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	100	70	90	87	17.63	cps
Antimony	121-1	123	140	140	134	7.16	cps
Arsenic	75-2	0	20	3	8	137.80	cps
Barium	135-1	33	50	57	47	25.76	cps
Barium	137-1	103	70	83	86	19.61	cps
Beryllium	9-1	125	101	109	112	10.87	cps
Bismuth	209-1	5936128	6194684	5751119	5960644	3.74	cps
Bismuth	209-2	2823439	2848098	2824622	2832053	0.49	cps
Bromine	81-1	21844	22044	21850	21913	0.52	cps
Cadmium	108-1	13	17	7	12	41.65	cps
Cadmium	106-1	5268	5511	5401	5393	2.26	cps
Cadmium	111-1	3691	3866	3789	3782	2.32	cps
Calcium	43-1	617	673	590	627	6.79	cps
Calcium	44-1	24842	24678	23963	24494	1.91	cps
Carbon	12-1	2432895	2470319	2407407	2436873	1.30	cps
Carbon	12-2	15642	15452	15428	15507	0.76	cps
Chlorine	35-1	91815	88951	90611	90459	1.59	cps
Chlorine	35-2	373	323	280	326	14.35	cps
Chromium	52-2	647	640	573	620	6.54	cps
Cobalt	59-2	23	47	27	32	39.17	cps
Copper	63-2	1290	1393	1540	1408	8.92	cps
Dysprosium	156-1	27	7	7	13	86.58	cps
Dysprosium	156-2	3	7	3	4	43.40	cps
Erbium	164-1	77	70	57	68	15.02	cps
Erbium	164-2	23	37	7	22	67.63	cps
Gadolinium	160-1	70	73	80	74	6.84	cps
Gadolinium	160-2	10	23	13	16	44.60	cps
Holmium	165-1	9871385	9909476	9821172	9867345	0.45	cps
Holmium	165-2	3850425	3890878	3908500	3883268	0.77	cps
Indium	115-1	9143683	8993499	8762441	8966541	2.14	cps
Indium	115-2	948152	956919	949854	951641	0.49	cps
Iron	54-2	380	450	323	384	16.50	cps
Iron	56-2	4194	3877	3834	3968	4.95	cps
Iron	57-2	140	103	83	109	26.40	cps
Krypton	83-1	223	280	213	239	15.05	cps
Lead	206-1	533	530	470	511	6.97	cps

LB Number : LB135893 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired : 2025-05-22 13:40:46 DataFile Name : 017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	423	523	473	473	10.56	cps
Lead	208-1	2107	2150	2040	2099	2.64	cps
Lithium	6-1	3491681	3511431	3515939	3506350	0.37	cps
Magnesium	24-2	687	620	677	661	5.44	cps
Manganese	55-2	803	823	790	806	2.08	cps
Molybdenum	94-1	403	380	350	378	7.08	cps
Molybdenum	95-1	127	150	93	123	23.09	cps
Molybdenum	96-1	160	173	173	169	4.56	cps
Molybdenum	97-1	77	73	60	70	12.60	cps
Molybdenum	98-1	170	203	143	172	17.45	cps
Neodymium	150-1	10	10	20	13	43.30	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	157	120	180	152	19.87	cps
Phosphorus	31-2	77	80	43	67	30.42	cps
Potassium	39-2	14547	14581	14758	14629	0.77	cps
Rhodium	103-1	8706438	8595056	8583638	8628378	0.79	cps
Rhodium	103-2	3462720	3502171	3450363	3471751	0.78	cps
Scandium	45-1	5991334	6118193	6047459	6052329	1.05	cps
Scandium	45-2	115154	114424	115378	114985	0.43	cps
Selenium	82-1	-33	-100	13	-40	-142.38	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	7	10	10	9	21.63	cps
Silicon	28-1	505847	507473	525997	513106	2.18	cps
Silver	107-1	220	197	193	203	7.14	cps
Silver	109-1	123	83	117	108	19.89	cps
Sodium	23-2	31471	31591	32393	31818	1.58	cps
Strontium	86-1	313	350	273	312	12.28	cps
Strontium	88-1	273	263	267	268	1.90	cps
Sulfur	34-1	592309	595089	592569	593322	0.26	cps
Terbium	159-1	10552624	10386531	10459949	10466368	0.80	cps
Terbium	159-2	3839717	3769040	3708364	3772373	1.74	cps
Thallium	203-1	160	180	223	188	17.24	cps
Thallium	205-1	420	410	360	397	8.10	cps
Tin	118-1	1783	1857	1867	1836	2.48	cps
Titanium	47-1	203	253	170	209	20.08	cps
Uranium	238-1	37	40	43	40	8.32	cps

LB Number :	LB135893	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired :	2025-05-22 13:40:46	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	7	7	3	6	34.70	cps
Ytterbium	172-1	90	83	70	81	12.55	cps
Ytterbium	172-2	27	17	23	22	22.91	cps
Ytterbium	176-1	1330	1360	1300	1330	2.26	cps
Ytterbium	176-2	360	377	367	368	2.28	cps
Yttrium	89-1	16425010	16767486	16072534	16421677	2.12	cps
Yttrium	89-2	1220190	1220275	1224115	1221527	0.18	cps
Zinc	66-2	183	323	230	246	29.03	cps
Zirconium	90-1	890	947	893	910	3.49	cps
Zirconium	91-1	157	227	150	178	23.89	cps

LB Number :	LB135893	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired :	2025-05-22 13:44:09	DataFile Name :	018ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4099508	4077502	4071127	4082712	0.36	cps
Antimony	121-1	15215	15135	15302	15217	0.55	cps
Arsenic	75-2	97	73	80	83	14.43	cps
Barium	135-1	4217	4274	4221	4237	0.75	cps
Barium	137-1	7315	7215	7419	7316	1.39	cps
Beryllium	9-1	1140	1077	1142	1120	3.29	cps
Bismuth	209-1	5548988	5605766	5520375	5558376	0.78	cps
Bismuth	209-2	2536225	2566871	2600878	2567991	1.26	cps
Bromine	81-1	22391	22739	22765	22632	0.92	cps
Cadmium	108-1	3510	3414	3444	3456	1.43	cps
Cadmium	106-1	5348	5174	5058	5193	2.81	cps
Cadmium	111-1	5450	4956	5230	5212	4.75	cps
Calcium	43-1	4131417	4021779	3993884	4049027	1.80	cps
Calcium	44-1	67192764	67030472	67834882	67352706	0.63	cps
Carbon	12-1	31288295	31509064	31439743	31412367	0.36	cps
Carbon	12-2	211547	209789	210810	210715	0.42	cps
Chlorine	35-1	73637787	79881379	82701217	78740128	5.89	cps
Chlorine	35-2	354253	354776	358140	355723	0.59	cps
Chromium	52-2	53195	54202	52821	53406	1.34	cps
Cobalt	59-2	5991	6181	6015	6062	1.71	cps
Copper	63-2	30924	31759	32460	31714	2.43	cps
Dysprosium	156-1	53	43	70	56	24.25	cps
Dysprosium	156-2	13	23	20	19	26.96	cps
Erbium	164-1	107	113	107	109	3.53	cps
Erbium	164-2	33	43	23	33	30.00	cps
Gadolinium	160-1	110	177	137	141	23.78	cps
Gadolinium	160-2	17	20	43	27	54.47	cps
Holmium	165-1	9686916	9955263	9764238	9802139	1.41	cps
Holmium	165-2	3729215	3780289	3738894	3749466	0.72	cps
Indium	115-1	8446490	8271674	8510438	8409534	1.47	cps
Indium	115-2	877764	878186	875604	877185	0.16	cps
Iron	54-2	10700989	10654349	10897197	10750845	1.20	cps
Iron	56-2	201010004	202976537	202339190	202108577	0.50	cps
Iron	57-2	4961734	5077986	5065112	5034944	1.27	cps
Krypton	83-1	213	240	237	230	6.32	cps
Lead	206-1	39985	39470	39744	39733	0.65	cps

LB Number :	LB135893	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired :	2025-05-22 13:44:09	DataFile Name :	018ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	30292	30653	31562	30836	2.12	cps
Lead	208-1	144814	147207	148746	146922	1.35	cps
Lithium	6-1	3279131	3306842	3312956	3299643	0.55	cps
Magnesium	24-2	14739564	14501206	14269678	14503483	1.62	cps
Manganese	55-2	10938	10621	10968	10842	1.77	cps
Molybdenum	94-1	7472189	7380377	7490160	7447576	0.79	cps
Molybdenum	95-1	13340258	13270096	13572270	13394208	1.18	cps
Molybdenum	96-1	14179174	14397459	14056034	14210889	1.22	cps
Molybdenum	97-1	8086534	8185557	8316418	8196170	1.41	cps
Molybdenum	98-1	20797593	21279613	21650844	21242683	2.01	cps
Neodymium	150-1	83	60	50	64	26.54	cps
Neodymium	150-2	20	13	17	17	20.01	cps
Nickel	60-2	7759	7746	7902	7802	1.11	cps
Phosphorus	31-2	257166	254809	254273	255416	0.60	cps
Potassium	39-2	9691818	9599241	9813832	9701631	1.11	cps
Rhodium	103-1	7722662	7860339	7917899	7833633	1.28	cps
Rhodium	103-2	3154968	3115709	3124408	3131695	0.66	cps
Scandium	45-1	5766315	5649617	5659315	5691749	1.14	cps
Scandium	45-2	108102	107996	108650	108249	0.32	cps
Selenium	82-1	30	-33	-17	-7	-492.24	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	13	3	13	10	57.75	cps
Silicon	28-1	769664	760559	768375	766200	0.64	cps
Silver	107-1	977	943	963	961	1.75	cps
Silver	109-1	1103	807	803	904	19.05	cps
Sodium	23-2	30675780	30630403	30959660	30755281	0.58	cps
Strontium	86-1	140030	141377	142312	141240	0.81	cps
Strontium	88-1	1223575	1233494	1250925	1235998	1.12	cps
Sulfur	34-1	6061570	5917001	5976109	5984893	1.21	cps
Terbium	159-1	10184299	10347111	10001923	10177778	1.70	cps
Terbium	159-2	3651902	3682359	3679950	3671404	0.46	cps
Thallium	203-1	1093	1473	1770	1446	23.47	cps
Thallium	205-1	2487	3624	4154	3422	24.89	cps
Tin	118-1	3971	3964	3637	3857	4.94	cps
Titanium	47-1	3840933	3900975	3932260	3891389	1.19	cps
Uranium	238-1	530	457	533	507	8.55	cps

LB Number :	LB135893	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired :	2025-05-22 13:44:09	DataFile Name :	018ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	400	270	370	347	19.63	cps
Ytterbium	172-1	117	67	120	101	29.55	cps
Ytterbium	172-2	33	23	27	28	18.33	cps
Ytterbium	176-1	1397	1163	1197	1252	10.08	cps
Ytterbium	176-2	353	370	383	369	4.07	cps
Yttrium	89-1	15455902	15941386	15756965	15718084	1.56	cps
Yttrium	89-2	1164726	1153965	1160405	1159699	0.47	cps
Zinc	66-2	4921	5001	5284	5069	3.77	cps
Zirconium	90-1	1290	1363	1263	1306	3.97	cps
Zirconium	91-1	283	297	280	287	3.08	cps

LB Number :	LB135893	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired :	2025-05-22 13:47:20	DataFile Name :	019ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4082170	3981882	3995360	4019804	1.35	cps
Antimony	121-1	282674	290771	288174	287206	1.44	cps
Arsenic	75-2	6331	6025	6275	6210	2.63	cps
Barium	135-1	62564	62852	63702	63039	0.94	cps
Barium	137-1	109492	111061	111179	110578	0.85	cps
Beryllium	9-1	72604	73136	72904	72881	0.37	cps
Bismuth	209-1	5605531	5586358	5570214	5587368	0.32	cps
Bismuth	209-2	2569143	2798205	2604579	2657309	4.64	cps
Bromine	81-1	23557	23707	24101	23788	1.18	cps
Cadmium	108-1	7425	7192	7465	7361	2.01	cps
Cadmium	106-1	10658	10574	10447	10560	1.00	cps
Cadmium	111-1	68521	68901	69337	68920	0.59	cps
Calcium	43-1	4044883	4123916	4087877	4085559	0.97	cps
Calcium	44-1	66932989	67004206	64162674	66033290	2.45	cps
Carbon	12-1	32112705	31982625	32427720	32174350	0.71	cps
Carbon	12-2	220352	217918	221301	219857	0.79	cps
Chlorine	35-1	79730744	84154512	83601462	82495573	2.92	cps
Chlorine	35-2	362226	361211	365559	362999	0.63	cps
Chromium	52-2	104498	102880	104482	103953	0.89	cps
Cobalt	59-2	107240	103607	104151	104999	1.87	cps
Copper	63-2	108732	107584	109928	108748	1.08	cps
Dysprosium	156-1	100	53	60	71	35.50	cps
Dysprosium	156-2	23	7	23	18	54.11	cps
Erbium	164-1	93	147	110	117	23.39	cps
Erbium	164-2	57	47	43	49	14.20	cps
Gadolinium	160-1	97	120	153	123	23.09	cps
Gadolinium	160-2	23	27	37	29	24.03	cps
Holmium	165-1	9584305	9794303	9784348	9720985	1.22	cps
Holmium	165-2	3673615	4180790	3886796	3913734	6.51	cps
Indium	115-1	8495253	8556982	8501433	8517889	0.40	cps
Indium	115-2	872241	972078	902599	915639	5.59	cps
Iron	54-2	10726345	10602908	10758737	10695997	0.77	cps
Iron	56-2	197204310	194817997	200064584	197362297	1.33	cps
Iron	57-2	4949584	4991231	4991167	4977327	0.48	cps
Krypton	83-1	263	297	267	276	6.66	cps
Lead	206-1	216871	218550	215338	216920	0.74	cps

LB Number :	LB135893	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired :	2025-05-22 13:47:20	DataFile Name :	019ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	178851	181035	181195	180360	0.73	cps
Lead	208-1	829696	842276	831208	834393	0.82	cps
Lithium	6-1	3269010	3250199	3264169	3261126	0.30	cps
Magnesium	24-2	14185985	14173495	14479476	14279652	1.21	cps
Manganese	55-2	31401	31648	31054	31368	0.95	cps
Molybdenum	94-1	7323634	7573997	7386233	7427955	1.75	cps
Molybdenum	95-1	12932899	13300098	13168772	13133923	1.42	cps
Molybdenum	96-1	13926066	13826103	14110959	13954376	1.04	cps
Molybdenum	97-1	8056906	8113431	8142002	8104113	0.53	cps
Molybdenum	98-1	21077050	21477130	21630722	21394967	1.34	cps
Neodymium	150-1	37	70	30	46	47.04	cps
Neodymium	150-2	13	7	20	13	49.99	cps
Nickel	60-2	34382	34365	34392	34379	0.04	cps
Phosphorus	31-2	255240	249269	255701	253403	1.42	cps
Potassium	39-2	9471118	9625465	9661041	9585875	1.05	cps
Rhodium	103-1	7911399	7809175	7870784	7863786	0.65	cps
Rhodium	103-2	3109181	3371495	3244670	3241782	4.05	cps
Scandium	45-1	5630207	5762428	5792953	5728529	1.51	cps
Scandium	45-2	106390	119167	111532	112363	5.72	cps
Selenium	82-1	4508	4417	4528	4484	1.31	cps
Selenium	77-2	37	100	87	74	44.85	cps
Selenium	78-2	317	237	280	278	14.42	cps
Silicon	28-1	764288	756091	765603	761994	0.68	cps
Silver	107-1	303092	305596	308138	305608	0.83	cps
Silver	109-1	287542	289914	292461	289972	0.85	cps
Sodium	23-2	29777290	30274225	29854270	29968595	0.89	cps
Strontium	86-1	140569	143151	142871	142197	1.00	cps
Strontium	88-1	1221497	1243540	1231949	1232329	0.89	cps
Sulfur	34-1	5952745	5962033	5953904	5956227	0.08	cps
Terbium	159-1	9991098	10240746	10336757	10189534	1.75	cps
Terbium	159-2	3668965	4076765	3677779	3807836	6.12	cps
Thallium	203-1	205034	208949	209717	207900	1.21	cps
Thallium	205-1	490951	502080	492215	495082	1.23	cps
Tin	118-1	3464	3711	3490	3555	3.81	cps
Titanium	47-1	3838309	3838183	3787104	3821199	0.77	cps
Uranium	238-1	813	837	913	854	6.12	cps

LB Number :	LB135893	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired :	2025-05-22 13:47:20	DataFile Name :	019ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	40918	39441	40494	40284	1.89	cps
Ytterbium	172-1	83	87	110	93	15.57	cps
Ytterbium	172-2	37	33	40	37	9.10	cps
Ytterbium	176-1	1140	1267	1207	1205	5.26	cps
Ytterbium	176-2	320	353	430	368	15.34	cps
Yttrium	89-1	15860894	16071119	15652740	15861584	1.32	cps
Yttrium	89-2	1147621	1330326	1191026	1222991	7.81	cps
Zinc	66-2	13687	13460	13773	13640	1.19	cps
Zirconium	90-1	1217	1290	1347	1285	5.07	cps
Zirconium	91-1	310	393	317	340	13.62	cps

LB Number :	LB135893	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired :	2025-05-22 13:50:37	DataFile Name :	020CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2170856	2220825	2213347	2201676	1.22	cps
Antimony	121-1	6962290	7060169	6881844	6968101	1.28	cps
Arsenic	75-2	150456	152633	154213	152434	1.24	cps
Barium	135-1	7568462	7758648	7317360	7548157	2.93	cps
Barium	137-1	12669699	12696946	13035787	12800811	1.59	cps
Beryllium	9-1	1613732	1632680	1658277	1634897	1.37	cps
Bismuth	209-1	5311306	5352292	5426972	5363523	1.09	cps
Bismuth	209-2	2400524	2491618	2548351	2480164	3.01	cps
Bromine	81-1	22168	21994	22355	22172	0.81	cps
Cadmium	108-1	127537	128976	129484	128666	0.79	cps
Cadmium	106-1	186880	189702	190465	189016	1.00	cps
Cadmium	111-1	1605755	1577128	1626090	1602991	1.53	cps
Calcium	43-1	9615947	9599268	9573217	9596144	0.22	cps
Calcium	44-1	155151024	156816854	157909888	156625922	0.89	cps
Carbon	12-1	2886139	2879375	2925074	2896863	0.85	cps
Carbon	12-2	21736	21993	22417	22049	1.56	cps
Chlorine	35-1	3505454	3256207	3093208	3284956	6.32	cps
Chlorine	35-2	11311	10777	10250	10780	4.92	cps
Chromium	52-2	1287182	1298477	1299204	1294955	0.52	cps
Cobalt	59-2	2467662	2457057	2483272	2469330	0.53	cps
Copper	63-2	19412666	19799255	19446774	19552898	1.09	cps
Dysprosium	156-1	433	487	433	451	6.83	cps
Dysprosium	156-2	93	87	87	89	4.33	cps
Erbium	164-1	450	397	393	413	7.69	cps
Erbium	164-2	113	190	133	146	27.32	cps
Gadolinium	160-1	290	283	370	314	15.34	cps
Gadolinium	160-2	130	140	120	130	7.69	cps
Holmium	165-1	9511943	9729067	9873534	9704848	1.88	cps
Holmium	165-2	3724578	3774525	3757661	3752255	0.68	cps
Indium	115-1	8121214	8073121	8143525	8112620	0.44	cps
Indium	115-2	823796	834874	831733	830134	0.69	cps
Iron	54-2	13303440	13400776	13765998	13490071	1.81	cps
Iron	56-2	249719203	261375709	253369636	254821516	2.34	cps
Iron	57-2	6277521	6421870	6422144	6373845	1.31	cps
Krypton	83-1	193	253	217	221	13.68	cps
Lead	206-1	21081967	22210868	21525391	21606075	2.63	cps

LB Number :	LB135893	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired :	2025-05-22 13:50:37	DataFile Name :	020CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	18345377	18682396	18622991	18550255	0.97	cps
Lead	208-1	82768125	85658100	85697919	84708048	1.98	cps
Lithium	6-1	3098204	3066017	3046830	3070350	0.85	cps
Magnesium	24-2	36678950	36336879	36276921	36430917	0.60	cps
Manganese	55-2	5511840	5571638	5542205	5541894	0.54	cps
Molybdenum	94-1	22980507	23609684	23360792	23316994	1.36	cps
Molybdenum	95-1	33550854	33284752	33697576	33511061	0.62	cps
Molybdenum	96-1	36524895	35768595	36293200	36195564	1.07	cps
Molybdenum	97-1	20412480	20436403	20761166	20536683	0.95	cps
Molybdenum	98-1	53744789	53781956	54098766	53875170	0.36	cps
Neodymium	150-1	687	713	747	716	4.20	cps
Neodymium	150-2	57	87	73	72	20.81	cps
Nickel	60-2	642901	645708	653222	647277	0.82	cps
Phosphorus	31-2	24815	24331	25005	24717	1.41	cps
Potassium	39-2	12392644	12283627	12337458	12337910	0.44	cps
Rhodium	103-1	7170617	7284414	7561611	7338881	2.74	cps
Rhodium	103-2	3049899	2941031	2989479	2993470	1.82	cps
Scandium	45-1	5577591	5511936	5589029	5559519	0.75	cps
Scandium	45-2	104188	107136	105793	105706	1.40	cps
Selenium	82-1	107416	108464	107688	107856	0.50	cps
Selenium	77-2	1937	2100	1917	1985	5.07	cps
Selenium	78-2	6518	6522	6795	6612	2.40	cps
Silicon	28-1	42446004	43240244	43827508	43171252	1.61	cps
Silver	107-1	7911561	8040877	7921010	7957816	0.91	cps
Silver	109-1	7472266	7535851	7501381	7503166	0.42	cps
Sodium	23-2	69136117	69461724	71236147	69944663	1.62	cps
Strontium	86-1	2127263	2146430	2144387	2139360	0.49	cps
Strontium	88-1	18182850	18017041	18654493	18284795	1.81	cps
Sulfur	34-1	1073808	1058478	1057290	1063192	0.87	cps
Terbium	159-1	9930282	10134308	10219095	10094562	1.47	cps
Terbium	159-2	3496279	3559911	3659275	3571822	2.30	cps
Thallium	203-1	5300973	5459237	5412972	5391061	1.51	cps
Thallium	205-1	12084674	12662123	12329948	12358915	2.34	cps
Tin	118-1	5354679	5297870	5428826	5360458	1.23	cps
Titanium	47-1	9287138	9393988	9239186	9306770	0.85	cps
Uranium	238-1	15520681	16117064	15993255	15877000	1.98	cps

LB Number :	LB135893	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired :	2025-05-22 13:50:37	DataFile Name :	020CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1007437	1021858	1022821	1017372	0.85	cps
Ytterbium	172-1	503	503	557	521	5.91	cps
Ytterbium	172-2	210	247	187	214	14.10	cps
Ytterbium	176-1	26991	28237	28224	27817	2.57	cps
Ytterbium	176-2	10554	10574	10251	10460	1.73	cps
Yttrium	89-1	15486313	15323060	15530966	15446780	0.71	cps
Yttrium	89-2	1121248	1118158	1132554	1123987	0.67	cps
Zinc	66-2	2259658	2337587	2332982	2310076	1.89	cps
Zirconium	90-1	11314468	12064026	11665149	11681214	3.21	cps
Zirconium	91-1	2616013	2615835	2655727	2629192	0.87	cps

LB Number :	LB135893	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired :	2025-05-22 13:54:04	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	140	123	103	122	15.02	cps
Antimony	121-1	1930	1667	1597	1731	10.15	cps
Arsenic	75-2	13	10	3	9	57.30	cps
Barium	135-1	150	133	147	143	6.15	cps
Barium	137-1	313	280	187	260	25.25	cps
Beryllium	9-1	384	337	355	359	6.51	cps
Bismuth	209-1	5897645	6042763	6062347	6000919	1.50	cps
Bismuth	209-2	2799194	2790719	2825529	2805147	0.65	cps
Bromine	81-1	21991	21860	21804	21885	0.44	cps
Cadmium	108-1	23	27	17	22	22.91	cps
Cadmium	106-1	4998	5381	5404	5261	4.34	cps
Cadmium	111-1	3559	3821	3805	3728	3.95	cps
Calcium	43-1	837	683	730	750	10.48	cps
Calcium	44-1	26414	26247	25867	26176	1.07	cps
Carbon	12-1	2395306	2354521	2298936	2349588	2.06	cps
Carbon	12-2	15311	15492	15528	15444	0.75	cps
Chlorine	35-1	1367400	1265994	1179024	1270806	7.42	cps
Chlorine	35-2	4374	4157	4131	4221	3.16	cps
Chromium	52-2	600	663	557	607	8.84	cps
Cobalt	59-2	70	73	67	70	4.76	cps
Copper	63-2	1780	1707	1710	1732	2.39	cps
Dysprosium	156-1	13	10	10	11	17.30	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	120	63	93	92	30.74	cps
Erbium	164-2	17	27	33	26	32.81	cps
Gadolinium	160-1	77	70	93	80	15.02	cps
Gadolinium	160-2	10	7	10	9	21.63	cps
Holmium	165-1	10048287	9678706	9850411	9859135	1.88	cps
Holmium	165-2	3940087	3827040	3819245	3862124	1.75	cps
Indium	115-1	8914317	8868026	9010059	8930800	0.81	cps
Indium	115-2	919365	915875	929332	921524	0.76	cps
Iron	54-2	610	570	600	593	3.51	cps
Iron	56-2	8019	7562	7325	7635	4.62	cps
Iron	57-2	180	147	203	177	16.12	cps
Krypton	83-1	180	177	180	179	1.07	cps
Lead	206-1	1570	1343	1280	1398	10.91	cps

LB Number :	LB135893	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired :	2025-05-22 13:54:04	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	1363	1270	1120	1251	9.81	cps
Lead	208-1	6054	5454	5144	5551	8.34	cps
Lithium	6-1	3374690	3383006	3367356	3375017	0.23	cps
Magnesium	24-2	1017	823	770	870	14.92	cps
Manganese	55-2	817	953	867	879	7.87	cps
Molybdenum	94-1	1310	1117	993	1140	14.00	cps
Molybdenum	95-1	1097	1050	897	1014	10.31	cps
Molybdenum	96-1	1357	1180	1103	1213	10.71	cps
Molybdenum	97-1	680	610	533	608	12.07	cps
Molybdenum	98-1	1840	1530	1270	1547	18.45	cps
Neodymium	150-1	17	13	7	12	41.65	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	143	130	137	137	4.88	cps
Phosphorus	31-2	63	47	77	62	24.16	cps
Potassium	39-2	15532	15592	15265	15463	1.13	cps
Rhodium	103-1	8416521	8270311	8372952	8353261	0.90	cps
Rhodium	103-2	3508000	3550969	3412924	3490631	2.02	cps
Scandium	45-1	5741151	5857176	5931728	5843352	1.64	cps
Scandium	45-2	110477	110383	109930	110263	0.27	cps
Selenium	82-1	50	50	47	49	3.94	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	7	17	30	18	65.83	cps
Silicon	28-1	497565	497039	547584	514063	5.65	cps
Silver	107-1	797	737	653	729	9.88	cps
Silver	109-1	733	617	593	648	11.58	cps
Sodium	23-2	38812	38892	39166	38956	0.48	cps
Strontium	86-1	343	363	433	380	12.44	cps
Strontium	88-1	573	450	450	491	14.50	cps
Sulfur	34-1	551809	559379	558876	556688	0.76	cps
Terbium	159-1	10412859	10428652	10368453	10403321	0.30	cps
Terbium	159-2	3785427	3725791	3779588	3763602	0.87	cps
Thallium	203-1	707	587	687	660	9.74	cps
Thallium	205-1	1793	1573	1590	1652	7.41	cps
Tin	118-1	1870	1777	1880	1842	3.09	cps
Titanium	47-1	493	443	463	467	5.39	cps
Uranium	238-1	300	237	207	248	19.23	cps

LB Number :	LB135893	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired :	2025-05-22 13:54:04	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	17	10	7	11	45.82	cps
Ytterbium	172-1	73	70	77	73	4.55	cps
Ytterbium	172-2	33	53	27	38	36.73	cps
Ytterbium	176-1	1267	1457	1310	1345	7.41	cps
Ytterbium	176-2	373	323	327	341	8.20	cps
Yttrium	89-1	16161266	16245704	16171545	16192839	0.28	cps
Yttrium	89-2	1192691	1177518	1193642	1187951	0.76	cps
Zinc	66-2	337	283	283	301	10.23	cps
Zirconium	90-1	1967	1863	1647	1826	8.95	cps
Zirconium	91-1	380	333	390	368	8.22	cps

LB Number :	LB135893	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2025-05-22 14:01:58	DataFile Name :	023LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	873	983	953	937	6.07	cps
Antimony	121-1	26008	26112	26229	26116	0.42	cps
Arsenic	75-2	353	273	257	294	17.55	cps
Barium	135-1	27164	27926	27932	27674	1.60	cps
Barium	137-1	47296	47794	48022	47704	0.78	cps
Beryllium	9-1	3771	3708	3779	3753	1.04	cps
Bismuth	209-1	5852184	6020678	6007739	5960201	1.57	cps
Bismuth	209-2	2772505	2801599	2778793	2784299	0.55	cps
Bromine	81-1	21463	21487	21457	21469	0.07	cps
Cadmium	108-1	260	240	257	252	4.25	cps
Cadmium	106-1	5388	5745	5658	5597	3.32	cps
Cadmium	111-1	6633	6727	6561	6640	1.25	cps
Calcium	43-1	19860	20929	20475	20421	2.63	cps
Calcium	44-1	337135	343145	342949	341076	1.00	cps
Carbon	12-1	2528919	2504380	2519024	2517441	0.49	cps
Carbon	12-2	16813	16259	16880	16651	2.05	cps
Chlorine	35-1	475689	462799	442664	460384	3.62	cps
Chlorine	35-2	1690	1533	1667	1630	5.19	cps
Chromium	52-2	5665	5648	5675	5662	0.24	cps
Cobalt	59-2	4864	5161	5211	5079	3.69	cps
Copper	63-2	9360	9186	9543	9363	1.91	cps
Dysprosium	156-1	17	17	10	14	26.66	cps
Dysprosium	156-2	3	10	0	4	114.60	cps
Erbium	164-1	107	70	67	81	27.36	cps
Erbium	164-2	30	17	20	22	31.22	cps
Gadolinium	160-1	87	73	100	87	15.39	cps
Gadolinium	160-2	20	23	13	19	26.96	cps
Holmium	165-1	9896400	9870816	10135875	9967697	1.47	cps
Holmium	165-2	3836332	3811672	3892116	3846706	1.07	cps
Indium	115-1	8965881	8792872	8758093	8838949	1.26	cps
Indium	115-2	919024	930401	926130	925185	0.62	cps
Iron	54-2	5805	5768	5878	5817	0.96	cps
Iron	56-2	102095	102156	102444	102232	0.18	cps
Iron	57-2	2654	2587	2440	2560	4.26	cps
Krypton	83-1	220	173	220	204	13.18	cps
Lead	206-1	7562	7302	7496	7453	1.81	cps

LB Number :	LB135893	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2025-05-22 14:01:58	DataFile Name :	023LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	6532	6648	6372	6517	2.13	cps
Lead	208-1	29563	29790	29660	29671	0.38	cps
Lithium	6-1	3382641	3459838	3417582	3420020	1.13	cps
Magnesium	24-2	77186	76536	76305	76676	0.60	cps
Manganese	55-2	1937	1937	1913	1929	0.70	cps
Molybdenum	94-1	26826	26405	26939	26723	1.05	cps
Molybdenum	95-1	30851	31265	31469	31195	1.01	cps
Molybdenum	96-1	34506	34833	34576	34639	0.50	cps
Molybdenum	97-1	19310	19110	19788	19403	1.79	cps
Molybdenum	98-1	49826	49635	49672	49711	0.20	cps
Neodymium	150-1	13	3	17	11	62.48	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1393	1403	1337	1378	2.61	cps
Phosphorus	31-2	687	660	647	664	3.07	cps
Potassium	39-2	60627	60382	60791	60600	0.34	cps
Rhodium	103-1	8208981	8393876	8376671	8326509	1.23	cps
Rhodium	103-2	3400988	3427067	3431915	3419990	0.49	cps
Scandium	45-1	5877919	5897259	5809767	5861648	0.78	cps
Scandium	45-2	109792	110689	111313	110598	0.69	cps
Selenium	82-1	1010	1083	1107	1067	4.73	cps
Selenium	77-2	13	20	17	17	20.01	cps
Selenium	78-2	60	80	80	73	15.75	cps
Silicon	28-1	557478	540555	540940	546324	1.77	cps
Silver	107-1	16667	17111	17014	16930	1.38	cps
Silver	109-1	15142	15859	16063	15688	3.08	cps
Sodium	23-2	180772	180306	181998	181025	0.48	cps
Strontium	86-1	4337	4127	4394	4286	3.28	cps
Strontium	88-1	34556	34269	35381	34735	1.66	cps
Sulfur	34-1	583064	586971	585797	585277	0.34	cps
Terbium	159-1	10605208	10541400	10444083	10530231	0.77	cps
Terbium	159-2	3739842	3711083	3659056	3703327	1.11	cps
Thallium	203-1	10181	10368	10438	10329	1.29	cps
Thallium	205-1	24480	24937	24844	24754	0.98	cps
Tin	118-1	51456	51319	51323	51366	0.15	cps
Titanium	47-1	9310	9530	9860	9567	2.90	cps
Uranium	238-1	28261	28619	29270	28717	1.78	cps

LB Number :	LB135893	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2025-05-22 14:01:58	DataFile Name :	023LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	9723	9567	9673	9654	0.83	cps
Ytterbium	172-1	93	97	43	78	38.42	cps
Ytterbium	172-2	50	30	43	41	24.77	cps
Ytterbium	176-1	1283	1400	1313	1332	4.55	cps
Ytterbium	176-2	400	390	360	383	5.43	cps
Yttrium	89-1	16071136	16253714	16261658	16195503	0.67	cps
Yttrium	89-2	1177068	1183952	1182401	1181140	0.31	cps
Zinc	66-2	2537	2357	2594	2496	4.95	cps
Zirconium	90-1	23664	24057	24525	24082	1.79	cps
Zirconium	91-1	5458	5514	5544	5506	0.80	cps

LB Number :	LB135893	Operator :	Jaswal
Lab Sample ID :	Q1984-16DLX5	Instrumnet Name :	P8
Client Sample ID :	OU4-TS-28-050725DL	Dilution Factor :	5
Date & Time Acquired :	2025-05-22 14:05:21	DataFile Name :	024AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	749972	753483	738377	747277	1.06	cps
Antimony	121-1	620	670	617	636	4.70	cps
Arsenic	75-2	1680	1873	1750	1768	5.54	cps
Barium	135-1	68184	70549	69550	69428	1.71	cps
Barium	137-1	119159	122203	121288	120883	1.29	cps
Beryllium	9-1	9546	9668	9603	9606	0.64	cps
Bismuth	209-1	6052946	5924734	5833382	5937021	1.86	cps
Bismuth	209-2	2661432	2691166	2692595	2681731	0.66	cps
Bromine	81-1	24779	24982	24308	24690	1.40	cps
Cadmium	108-1	520	493	543	519	4.82	cps
Cadmium	106-1	6432	6565	6545	6514	1.10	cps
Cadmium	111-1	10740	11109	11136	10995	2.01	cps
Calcium	43-1	1762103	1727806	1759377	1749762	1.09	cps
Calcium	44-1	27563484	28660400	28489150	28237678	2.09	cps
Carbon	12-1	3476588	3546488	3615355	3546144	1.96	cps
Carbon	12-2	24641	24918	24370	24643	1.11	cps
Chlorine	35-1	487037	492464	490444	489982	0.56	cps
Chlorine	35-2	1887	1883	1957	1909	2.17	cps
Chromium	52-2	23409	23025	22855	23096	1.23	cps
Cobalt	59-2	274269	276469	271865	274201	0.84	cps
Copper	63-2	234670	236232	232088	234330	0.89	cps
Dysprosium	156-1	187767	187976	189538	188427	0.51	cps
Dysprosium	156-2	50836	51452	50923	51070	0.65	cps
Erbium	164-1	132822	135657	136842	135107	1.53	cps
Erbium	164-2	48735	47916	48505	48385	0.87	cps
Gadolinium	160-1	135305	135006	134904	135072	0.15	cps
Gadolinium	160-2	56897	57235	57516	57216	0.54	cps
Holmium	165-1	10069279	10072622	10139659	10093853	0.39	cps
Holmium	165-2	3863965	3851460	3801162	3838862	0.87	cps
Indium	115-1	8876544	8719446	8826882	8807624	0.91	cps
Indium	115-2	896546	905219	891104	897623	0.79	cps
Iron	54-2	350916	352301	345418	349545	1.04	cps
Iron	56-2	6535625	6520107	6440286	6498673	0.79	cps
Iron	57-2	163523	163209	160135	162289	1.15	cps
Krypton	83-1	293	347	363	334	10.93	cps
Lead	206-1	66895	69049	68095	68013	1.59	cps

LB Number :	LB135893	Operator :	Jaswal
Lab Sample ID :	Q1984-16DLX5	Instrumnet Name :	P8
Client Sample ID :	OU4-TS-28-050725DL	Dilution Factor :	5
Date & Time Acquired :	2025-05-22 14:05:21	DataFile Name :	024AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	56061	55418	56024	55834	0.65	cps
Lead	208-1	257335	260726	261169	259744	0.81	cps
Lithium	6-1	3462029	3348409	3454433	3421624	1.86	cps
Magnesium	24-2	1118233	1135694	1123689	1125872	0.79	cps
Manganese	55-2	4220449	4200527	4088387	4169788	1.71	cps
Molybdenum	94-1	1700	1950	2064	1905	9.76	cps
Molybdenum	95-1	593	587	613	598	2.32	cps
Molybdenum	96-1	780	633	697	703	10.46	cps
Molybdenum	97-1	210	203	223	212	4.80	cps
Molybdenum	98-1	550	543	493	529	5.86	cps
Neodymium	150-1	189957	196887	194604	193816	1.82	cps
Neodymium	150-2	50167	50384	48491	49680	2.09	cps
Nickel	60-2	62189	62667	62413	62423	0.38	cps
Phosphorus	31-2	2084	1917	1913	1971	4.93	cps
Potassium	39-2	839320	831253	834747	835107	0.48	cps
Rhodium	103-1	8264298	8223509	8278757	8255522	0.35	cps
Rhodium	103-2	3320737	3275160	3250656	3282184	1.08	cps
Scandium	45-1	5911659	5989664	5814553	5905292	1.49	cps
Scandium	45-2	107156	106212	107979	107116	0.83	cps
Selenium	82-1	313	263	260	279	10.71	cps
Selenium	77-2	193	167	190	183	7.93	cps
Selenium	78-2	127	133	150	137	8.79	cps
Silicon	28-1	69501077	68700621	68876039	69025912	0.61	cps
Silver	107-1	510	480	467	486	4.57	cps
Silver	109-1	387	353	360	367	4.81	cps
Sodium	23-2	871069	865886	859191	865382	0.69	cps
Strontium	86-1	577367	574145	575686	575733	0.28	cps
Strontium	88-1	5310657	5064514	5141795	5172322	2.43	cps
Sulfur	34-1	4030845	4007947	3905028	3981273	1.68	cps
Terbium	159-1	10355579	10532642	10608817	10499013	1.24	cps
Terbium	159-2	3586646	3719513	3659877	3655345	1.82	cps
Thallium	203-1	2010	2020	2090	2040	2.14	cps
Thallium	205-1	4891	4974	4584	4817	4.27	cps
Tin	118-1	2454	2360	2400	2405	1.95	cps
Titanium	47-1	3167	3057	2920	3048	4.05	cps
Uranium	238-1	34631	34968	34440	34680	0.77	cps

LB Number :	LB135893	Operator :	Jaswal
Lab Sample ID :	Q1984-16DLX5	Instrumnet Name :	P8
Client Sample ID :	OU4-TS-28-050725DL	Dilution Factor :	5
Date & Time Acquired :	2025-05-22 14:05:21	DataFile Name :	024AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	28258	28131	27663	28018	1.12	cps
Ytterbium	172-1	32928	33860	33128	33305	1.47	cps
Ytterbium	172-2	14595	14605	14665	14622	0.26	cps
Ytterbium	176-1	21084	21731	21711	21509	1.71	cps
Ytterbium	176-2	9210	9557	9543	9437	2.08	cps
Yttrium	89-1	19073358	19044115	18738348	18951940	0.98	cps
Yttrium	89-2	1340677	1339823	1340324	1340275	0.03	cps
Zinc	66-2	161593	162892	158074	160853	1.55	cps
Zirconium	90-1	4424	4621	4397	4481	2.72	cps
Zirconium	91-1	970	1000	927	966	3.82	cps

LB Number :	LB135893	Operator :	Jaswal
Lab Sample ID :	Q1984-16DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	OU4-TS-28-050725DUP	Dilution Factor :	5
Date & Time Acquired :	2025-05-22 14:08:39	DataFile Name :	025AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	740053	740181	722177	734137	1.41	cps
Antimony	121-1	400	433	420	418	4.02	cps
Arsenic	75-2	1533	1703	1697	1645	5.86	cps
Barium	135-1	67437	69568	68073	68359	1.60	cps
Barium	137-1	118134	119580	118339	118684	0.66	cps
Beryllium	9-1	9287	9329	9220	9279	0.59	cps
Bismuth	209-1	5967771	5999140	5882224	5949712	1.02	cps
Bismuth	209-2	2640687	2693896	2681302	2671962	1.04	cps
Bromine	81-1	24201	24231	23690	24041	1.26	cps
Cadmium	108-1	417	473	513	468	10.38	cps
Cadmium	106-1	6408	6545	6211	6388	2.62	cps
Cadmium	111-1	10749	10885	10517	10717	1.74	cps
Calcium	43-1	1704001	1707270	1744072	1718448	1.29	cps
Calcium	44-1	27557251	27787866	27037293	27460803	1.40	cps
Carbon	12-1	3444674	3528871	3543548	3505698	1.52	cps
Carbon	12-2	24320	24514	24120	24318	0.81	cps
Chlorine	35-1	425782	434222	435144	431716	1.20	cps
Chlorine	35-2	1780	1933	1823	1846	4.28	cps
Chromium	52-2	23286	23696	23800	23594	1.15	cps
Cobalt	59-2	270735	270796	266583	269372	0.90	cps
Copper	63-2	227440	232799	227409	229216	1.35	cps
Dysprosium	156-1	181902	184630	183333	183288	0.74	cps
Dysprosium	156-2	50184	50482	50712	50459	0.53	cps
Erbium	164-1	133112	134323	135930	134455	1.05	cps
Erbium	164-2	47698	47434	47267	47467	0.46	cps
Gadolinium	160-1	132683	134187	133144	133338	0.58	cps
Gadolinium	160-2	56368	57108	55943	56473	1.04	cps
Holmium	165-1	9958991	9930653	10029939	9973194	0.51	cps
Holmium	165-2	3801106	3824343	3730175	3785208	1.30	cps
Indium	115-1	8624867	8706502	8787381	8706250	0.93	cps
Indium	115-2	897369	894486	885577	892478	0.69	cps
Iron	54-2	342042	344302	339170	341838	0.75	cps
Iron	56-2	6392283	6414699	6390849	6399277	0.21	cps
Iron	57-2	159366	160303	157237	158969	0.99	cps
Krypton	83-1	377	327	353	352	7.10	cps
Lead	206-1	65454	65856	65806	65705	0.33	cps

LB Number : LB135893 Operator : Jaswal
 Lab Sample ID : Q1984-16DUPDLX5 Instrumnet Name : P8
 Client Sample ID : OU4-TS-28-050725DUP Dilution Factor : 5
 Date & Time Acquired : 2025-05-22 14:08:39 DataFile Name : 025AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	55773	54276	53855	54635	1.84	cps
Lead	208-1	254905	254327	255327	254853	0.20	cps
Lithium	6-1	3431803	3370799	3393262	3398621	0.91	cps
Magnesium	24-2	1087707	1099759	1092352	1093272	0.56	cps
Manganese	55-2	4083458	4083474	4055225	4074052	0.40	cps
Molybdenum	94-1	1530	1737	1637	1635	6.32	cps
Molybdenum	95-1	547	657	660	621	10.38	cps
Molybdenum	96-1	717	717	743	726	2.12	cps
Molybdenum	97-1	230	200	250	227	11.10	cps
Molybdenum	98-1	553	553	470	526	9.16	cps
Neodymium	150-1	186032	193134	190750	189972	1.90	cps
Neodymium	150-2	49708	48611	48638	48986	1.28	cps
Nickel	60-2	61174	62928	61817	61973	1.43	cps
Phosphorus	31-2	1843	1840	1900	1861	1.81	cps
Potassium	39-2	828475	829341	824126	827314	0.34	cps
Rhodium	103-1	8337586	8302028	8311621	8317078	0.22	cps
Rhodium	103-2	3286292	3253561	3186701	3242185	1.57	cps
Scandium	45-1	5705236	5774498	5650403	5710046	1.09	cps
Scandium	45-2	106625	108818	106361	107268	1.26	cps
Selenium	82-1	223	263	290	259	12.96	cps
Selenium	77-2	183	177	240	200	17.40	cps
Selenium	78-2	147	113	143	134	13.65	cps
Silicon	28-1	68256122	68138336	66523331	67639263	1.43	cps
Silver	107-1	370	367	417	384	7.27	cps
Silver	109-1	230	300	213	248	18.56	cps
Sodium	23-2	858744	851791	851834	854123	0.47	cps
Strontium	86-1	565142	571230	566159	567511	0.57	cps
Strontium	88-1	5145900	5075929	5197448	5139759	1.19	cps
Sulfur	34-1	3868074	3864402	3798385	3843620	1.02	cps
Terbium	159-1	10511373	10407854	10136955	10352061	1.87	cps
Terbium	159-2	3603051	3649713	3576554	3609773	1.03	cps
Thallium	203-1	1930	1997	1853	1927	3.72	cps
Thallium	205-1	4568	4591	4678	4612	1.26	cps
Tin	118-1	2067	1984	1870	1974	5.00	cps
Titanium	47-1	3017	3027	2747	2930	5.42	cps
Uranium	238-1	33558	34604	34306	34156	1.58	cps

LB Number :	LB135893	Operator :	Jaswal
Lab Sample ID :	Q1984-16DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	OU4-TS-28-050725DUP	Dilution Factor :	5
Date & Time Acquired :	2025-05-22 14:08:39	DataFile Name :	025AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	27917	27707	27680	27768	0.47	cps
Ytterbium	172-1	32530	33599	33148	33092	1.62	cps
Ytterbium	172-2	14254	14481	14201	14312	1.04	cps
Ytterbium	176-1	21491	20923	21324	21246	1.37	cps
Ytterbium	176-2	9000	9433	8823	9085	3.46	cps
Yttrium	89-1	18612298	18722839	18518254	18617797	0.55	cps
Yttrium	89-2	1333122	1332139	1338798	1334686	0.27	cps
Zinc	66-2	156103	156335	156726	156388	0.20	cps
Zirconium	90-1	4294	4467	4237	4333	2.77	cps
Zirconium	91-1	1053	1003	940	999	5.69	cps

LB Number :	LB135893	Operator :	Jaswal
Lab Sample ID :	Q1984-16LDLX25	Instrumnet Name :	P8
Client Sample ID :	OU4-TS-28-050725LDL	Dilution Factor :	25
Date & Time Acquired :	2025-05-22 14:11:55	DataFile Name :	026AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	157844	159421	155609	157625	1.22	cps
Antimony	121-1	667	563	677	636	9.87	cps
Arsenic	75-2	357	330	420	369	12.53	cps
Barium	135-1	14448	14408	14765	14540	1.35	cps
Barium	137-1	24779	25113	24930	24941	0.67	cps
Beryllium	9-1	2112	2112	2120	2115	0.20	cps
Bismuth	209-1	5952428	5991420	6082615	6008821	1.11	cps
Bismuth	209-2	2671859	2766749	2749423	2729344	1.85	cps
Bromine	81-1	21580	22047	21189	21606	1.99	cps
Cadmium	108-1	167	120	130	139	17.69	cps
Cadmium	106-1	5278	5268	5358	5301	0.93	cps
Cadmium	111-1	4951	5154	5083	5063	2.03	cps
Calcium	43-1	357340	364053	360303	360565	0.93	cps
Calcium	44-1	5898344	5903605	5898260	5900070	0.05	cps
Carbon	12-1	2631179	2655214	2648243	2644879	0.47	cps
Carbon	12-2	17744	17808	17434	17662	1.13	cps
Chlorine	35-1	285969	284394	279803	283389	1.13	cps
Chlorine	35-2	1103	1167	1023	1098	6.54	cps
Chromium	52-2	5328	5201	5518	5349	2.98	cps
Cobalt	59-2	57552	57064	57954	57523	0.77	cps
Copper	63-2	50493	49851	51111	50485	1.25	cps
Dysprosium	156-1	38686	38445	39374	38835	1.24	cps
Dysprosium	156-2	10447	10601	10444	10498	0.85	cps
Erbium	164-1	27836	28367	28835	28346	1.76	cps
Erbium	164-2	10084	10007	9730	9940	1.87	cps
Gadolinium	160-1	28096	28771	28066	28311	1.41	cps
Gadolinium	160-2	11849	11895	12209	11984	1.64	cps
Holmium	165-1	9997321	10098059	9966907	10020763	0.69	cps
Holmium	165-2	3785553	3716266	3731468	3744429	0.97	cps
Indium	115-1	8903723	8939367	8926021	8923037	0.20	cps
Indium	115-2	901237	903316	905062	903205	0.21	cps
Iron	54-2	74516	72981	73672	73723	1.04	cps
Iron	56-2	1404642	1361231	1386015	1383963	1.57	cps
Iron	57-2	33723	34191	34602	34172	1.29	cps
Krypton	83-1	250	193	223	222	12.76	cps
Lead	206-1	14732	14418	14605	14585	1.08	cps

LB Number :	LB135893	Operator :	Jaswal
Lab Sample ID :	Q1984-16LDLX25	Instrumnet Name :	P8
Client Sample ID :	OU4-TS-28-050725LDL	Dilution Factor :	25
Date & Time Acquired :	2025-05-22 14:11:55	DataFile Name :	026AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	11615	12286	11932	11945	2.81	cps
Lead	208-1	55046	55803	55978	55609	0.89	cps
Lithium	6-1	3371988	3356453	3394358	3374266	0.56	cps
Magnesium	24-2	240992	244086	240234	241771	0.84	cps
Manganese	55-2	861914	850036	865754	859234	0.95	cps
Molybdenum	94-1	743	587	620	650	12.70	cps
Molybdenum	95-1	203	210	233	216	7.31	cps
Molybdenum	96-1	303	230	317	283	16.47	cps
Molybdenum	97-1	87	97	77	87	11.54	cps
Molybdenum	98-1	247	270	270	262	5.14	cps
Neodymium	150-1	39668	39859	40314	39947	0.83	cps
Neodymium	150-2	10504	10407	9754	10222	3.99	cps
Nickel	60-2	13537	13346	13086	13323	1.70	cps
Phosphorus	31-2	520	427	523	490	11.20	cps
Potassium	39-2	190663	188879	188532	189358	0.60	cps
Rhodium	103-1	8235640	8569787	8326428	8377285	2.06	cps
Rhodium	103-2	3358771	3400270	3417895	3392312	0.89	cps
Scandium	45-1	5902143	5701840	5667707	5757230	2.20	cps
Scandium	45-2	109208	108777	110618	109534	0.88	cps
Selenium	82-1	13	100	63	59	73.87	cps
Selenium	77-2	60	47	27	44	37.74	cps
Selenium	78-2	77	50	50	59	26.15	cps
Silicon	28-1	14683199	14624287	14855208	14720898	0.82	cps
Silver	107-1	180	227	187	198	12.76	cps
Silver	109-1	110	110	110	110	0.00	cps
Sodium	23-2	210950	212853	211157	211653	0.49	cps
Strontium	86-1	118991	119798	120370	119720	0.58	cps
Strontium	88-1	1035556	1043936	1054339	1044610	0.90	cps
Sulfur	34-1	1209458	1221604	1205054	1212039	0.71	cps
Terbium	159-1	10384645	10174254	10420475	10326458	1.29	cps
Terbium	159-2	3640223	3635661	3596098	3623994	0.67	cps
Thallium	203-1	573	527	587	562	5.60	cps
Thallium	205-1	1373	1340	1223	1312	6.00	cps
Tin	118-1	1810	1820	1607	1746	6.90	cps
Titanium	47-1	767	843	820	810	4.85	cps
Uranium	238-1	7165	7052	7235	7151	1.29	cps

LB Number :	LB135893	Operator :	Jaswal
Lab Sample ID :	Q1984-16LDLX25	Instrumnet Name :	P8
Client Sample ID :	OU4-TS-28-050725LDL	Dilution Factor :	25
Date & Time Acquired :	2025-05-22 14:11:55	DataFile Name :	026AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	5895	6071	5965	5977	1.49	cps
Ytterbium	172-1	6795	6798	6962	6852	1.39	cps
Ytterbium	172-2	3084	2897	3074	3018	3.48	cps
Ytterbium	176-1	5014	5451	5384	5283	4.45	cps
Ytterbium	176-2	2160	2167	2137	2155	0.73	cps
Yttrium	89-1	16767404	16637341	16449121	16617955	0.96	cps
Yttrium	89-2	1203488	1200542	1199631	1201220	0.17	cps
Zinc	66-2	33309	34412	34051	33924	1.66	cps
Zirconium	90-1	1673	1750	1900	1775	6.50	cps
Zirconium	91-1	393	383	350	376	6.04	cps

LB Number :	LB135893	Operator :	Jaswal
Lab Sample ID :	Q1984-16MSDLX5	Instrumnet Name :	P8
Client Sample ID :	OU4-TS-28-050725MSDI	Dilution Factor :	5
Date & Time Acquired :	2025-05-22 14:15:17	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	773687	779023	770469	774393	0.56	cps
Antimony	121-1	1341684	1375800	1380972	1366152	1.56	cps
Arsenic	75-2	1453	1597	1570	1540	4.95	cps
Barium	135-1	1374506	1409288	1406819	1396871	1.39	cps
Barium	137-1	2369792	2468175	2549990	2462652	3.66	cps
Beryllium	9-1	353668	355528	357064	355420	0.48	cps
Bismuth	209-1	5775999	5763393	5979419	5839604	2.08	cps
Bismuth	209-2	2705210	2668429	2645288	2672976	1.13	cps
Bromine	81-1	24007	24595	25263	24622	2.55	cps
Cadmium	108-1	24966	25520	25908	25465	1.86	cps
Cadmium	106-1	43057	45023	44619	44233	2.35	cps
Cadmium	111-1	334020	343452	341937	339803	1.49	cps
Calcium	43-1	1983141	2076199	2037269	2032203	2.30	cps
Calcium	44-1	32777335	33341325	32612649	32910436	1.16	cps
Carbon	12-1	3320675	3355439	3400998	3359038	1.20	cps
Carbon	12-2	23285	23225	23088	23199	0.44	cps
Chlorine	35-1	9619090	11072629	11609934	10767217	9.57	cps
Chlorine	35-2	51398	52331	52210	51980	0.98	cps
Chromium	52-2	271701	271733	271981	271805	0.06	cps
Cobalt	59-2	742912	744874	748093	745293	0.35	cps
Copper	63-2	4280003	4294390	4305041	4293145	0.29	cps
Dysprosium	156-1	170945	174165	177165	174092	1.79	cps
Dysprosium	156-2	47233	47698	48558	47830	1.41	cps
Erbium	164-1	124796	127417	125964	126059	1.04	cps
Erbium	164-2	44788	44431	44809	44676	0.48	cps
Gadolinium	160-1	123717	124515	128041	125425	1.83	cps
Gadolinium	160-2	53360	52724	53878	53321	1.08	cps
Holmium	165-1	9725320	10133010	10216447	10024926	2.62	cps
Holmium	165-2	3895274	3763886	3827003	3828721	1.72	cps
Indium	115-1	8717697	8886477	8674707	8759627	1.28	cps
Indium	115-2	895962	902319	894853	897711	0.45	cps
Iron	54-2	804896	807978	800420	804431	0.47	cps
Iron	56-2	14780412	14644621	14843918	14756317	0.69	cps
Iron	57-2	367284	372003	369479	369589	0.64	cps
Krypton	83-1	333	330	277	313	10.15	cps
Lead	206-1	4378564	4502443	4505532	4462179	1.62	cps

LB Number :	LB135893	Operator :	Jaswal
Lab Sample ID :	Q1984-16MSDLX5	Instrumnet Name :	P8
Client Sample ID :	OU4-TS-28-050725MSDI	Dilution Factor :	5
Date & Time Acquired :	2025-05-22 14:15:17	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	3965433	3992043	3906125	3954534	1.11	cps
Lead	208-1	17636456	17764068	17589906	17663477	0.51	cps
Lithium	6-1	3326331	3383236	3376673	3362080	0.93	cps
Magnesium	24-2	2580924	2656907	2593771	2610534	1.56	cps
Manganese	55-2	4965992	4957382	4957098	4960157	0.10	cps
Molybdenum	94-1	2204096	2289017	2268215	2253776	1.96	cps
Molybdenum	95-1	2433517	2481055	2510713	2475095	1.57	cps
Molybdenum	96-1	2702650	2727571	2738970	2723064	0.68	cps
Molybdenum	97-1	1481976	1508559	1481142	1490559	1.05	cps
Molybdenum	98-1	3867680	3863623	3935157	3888820	1.03	cps
Neodymium	150-1	177015	180801	180562	179459	1.18	cps
Neodymium	150-2	45815	46895	46109	46273	1.21	cps
Nickel	60-2	191660	193755	193167	192861	0.56	cps
Phosphorus	31-2	1880	1963	1713	1852	6.87	cps
Potassium	39-2	1206762	1206512	1215575	1209616	0.43	cps
Rhodium	103-1	8058304	8204810	8150152	8137755	0.91	cps
Rhodium	103-2	3239367	3304250	3202506	3248707	1.59	cps
Scandium	45-1	5821752	6003263	5845205	5890073	1.68	cps
Scandium	45-2	108929	109422	109322	109224	0.24	cps
Selenium	82-1	22409	22472	22882	22588	1.14	cps
Selenium	77-2	530	543	557	543	2.45	cps
Selenium	78-2	1530	1423	1433	1462	4.03	cps
Silicon	28-1	62802687	64022877	62930511	63252025	1.06	cps
Silver	107-1	271741	281502	286677	279973	2.71	cps
Silver	109-1	256325	264932	264384	261880	1.84	cps
Sodium	23-2	3823198	3905313	3830344	3852952	1.18	cps
Strontium	86-1	1002486	1031776	1044124	1026129	2.08	cps
Strontium	88-1	8949880	9311118	9407072	9222690	2.61	cps
Sulfur	34-1	3694008	3678856	3705985	3692950	0.37	cps
Terbium	159-1	10458317	10636686	10443720	10512908	1.02	cps
Terbium	159-2	3742707	3633417	3699604	3691909	1.49	cps
Thallium	203-1	1002709	1033481	1033644	1023278	1.74	cps
Thallium	205-1	2508909	2578009	2646350	2577756	2.67	cps
Tin	118-1	910819	940468	939246	930177	1.80	cps
Titanium	47-1	3057	3317	3290	3222	4.44	cps
Uranium	238-1	3141222	3116851	3159552	3139208	0.68	cps

LB Number :	LB135893	Operator :	Jaswal
Lab Sample ID :	Q1984-16MSDLX5	Instrumnet Name :	P8
Client Sample ID :	OU4-TS-28-050725MSDI	Dilution Factor :	5
Date & Time Acquired :	2025-05-22 14:15:17	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	228443	229932	228614	228996	0.36	cps
Ytterbium	172-1	31026	31110	31487	31208	0.79	cps
Ytterbium	172-2	13650	13794	13497	13647	1.09	cps
Ytterbium	176-1	25037	25508	25344	25297	0.94	cps
Ytterbium	176-2	10154	10748	10938	10613	3.85	cps
Yttrium	89-1	18122951	18914776	19166119	18734615	2.91	cps
Yttrium	89-2	1339449	1352602	1329806	1340619	0.85	cps
Zinc	66-2	595201	598209	597320	596910	0.26	cps
Zirconium	90-1	2352607	2332875	2365102	2350195	0.69	cps
Zirconium	91-1	489663	504032	505377	499691	1.74	cps

LB Number : LB135893 Operator : Jaswal
 Lab Sample ID : Q1984-16MSDDLX5 Instrumnet Name : P8
 Client Sample ID : OU4-TS-28-050725MSDI Dilution Factor : 5
 Date & Time Acquired : 2025-05-22 14:18:19 DataFile Name : 028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	763319	776197	770895	770137	0.84	cps
Antimony	121-1	1334815	1373159	1368438	1358804	1.54	cps
Arsenic	75-2	1530	1423	1527	1493	4.06	cps
Barium	135-1	1369025	1388137	1388137	1381766	0.80	cps
Barium	137-1	2474907	2502422	2447340	2474889	1.11	cps
Beryllium	9-1	349369	356182	352217	352589	0.97	cps
Bismuth	209-1	5862113	5986651	5854783	5901182	1.26	cps
Bismuth	209-2	2662220	2752577	2684060	2699619	1.75	cps
Bromine	81-1	25517	24969	25844	25443	1.74	cps
Cadmium	108-1	25116	25293	25767	25392	1.33	cps
Cadmium	106-1	43629	44662	43696	43995	1.31	cps
Cadmium	111-1	337525	339031	334988	337181	0.61	cps
Calcium	43-1	2020339	2023356	2041278	2028324	0.56	cps
Calcium	44-1	33217085	32491021	33022545	32910217	1.14	cps
Carbon	12-1	3360238	3456708	3395919	3404288	1.43	cps
Carbon	12-2	23389	24150	23719	23753	1.61	cps
Chlorine	35-1	10544897	11638874	12388709	11524160	8.05	cps
Chlorine	35-2	53334	53766	52542	53214	1.17	cps
Chromium	52-2	271100	273014	270574	271563	0.47	cps
Cobalt	59-2	740143	750419	740344	743635	0.79	cps
Copper	63-2	4306084	4256129	4210518	4257577	1.12	cps
Dysprosium	156-1	171951	172350	173785	172695	0.56	cps
Dysprosium	156-2	47179	48534	47511	47742	1.48	cps
Erbium	164-1	124913	126118	124180	125070	0.78	cps
Erbium	164-2	44304	44899	45317	44840	1.14	cps
Gadolinium	160-1	124065	126026	123111	124401	1.19	cps
Gadolinium	160-2	53068	52556	52379	52668	0.68	cps
Holmium	165-1	10029517	9948761	10068233	10015504	0.61	cps
Holmium	165-2	3866736	3807737	3861434	3845303	0.85	cps
Indium	115-1	8810534	8946346	8914623	8890501	0.80	cps
Indium	115-2	904986	901184	895499	900557	0.53	cps
Iron	54-2	801337	805692	789954	798994	1.02	cps
Iron	56-2	14776396	15099152	14994493	14956680	1.10	cps
Iron	57-2	367206	374414	368730	370117	1.03	cps
Krypton	83-1	280	347	330	319	10.88	cps
Lead	206-1	4457609	4483754	4528037	4489800	0.79	cps

LB Number :	LB135893	Operator :	Jaswal
Lab Sample ID :	Q1984-16MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	OU4-TS-28-050725MSDI	Dilution Factor :	5
Date & Time Acquired :	2025-05-22 14:18:19	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	3820596	3923145	3837305	3860349	1.43	cps
Lead	208-1	17651842	17838425	17393292	17627853	1.27	cps
Lithium	6-1	3314114	3417071	3387774	3372986	1.57	cps
Magnesium	24-2	2621770	2554709	2592241	2589574	1.30	cps
Manganese	55-2	4929908	5082603	4935659	4982723	1.74	cps
Molybdenum	94-1	2216891	2157268	2217166	2197108	1.57	cps
Molybdenum	95-1	2365744	2451151	2375935	2397610	1.95	cps
Molybdenum	96-1	2669669	2807647	2739168	2738828	2.52	cps
Molybdenum	97-1	1497061	1483915	1495526	1492167	0.48	cps
Molybdenum	98-1	3863012	3893823	3893592	3883476	0.46	cps
Neodymium	150-1	177802	180984	177267	178684	1.12	cps
Neodymium	150-2	45667	46377	44818	45621	1.71	cps
Nickel	60-2	191258	192366	191694	191773	0.29	cps
Phosphorus	31-2	1620	1780	1780	1727	5.35	cps
Potassium	39-2	1211484	1235368	1199417	1215423	1.51	cps
Rhodium	103-1	8152933	8246189	8225629	8208250	0.60	cps
Rhodium	103-2	3326356	3282669	3298859	3302628	0.67	cps
Scandium	45-1	6029831	5906705	5900992	5945843	1.22	cps
Scandium	45-2	109150	112113	109204	110156	1.54	cps
Selenium	82-1	22565	22950	22659	22725	0.88	cps
Selenium	77-2	607	540	440	529	15.86	cps
Selenium	78-2	1550	1467	1460	1492	3.36	cps
Silicon	28-1	63868502	63554666	64520922	63981363	0.77	cps
Silver	107-1	272330	281200	281427	278319	1.86	cps
Silver	109-1	255194	262645	263188	260342	1.72	cps
Sodium	23-2	3839288	3865493	3923949	3876243	1.12	cps
Strontium	86-1	1007443	1022949	1020657	1017016	0.82	cps
Strontium	88-1	9315924	9023256	9207304	9182161	1.61	cps
Sulfur	34-1	3740384	3746145	3660281	3715603	1.29	cps
Terbium	159-1	10498299	10715998	10697666	10637321	1.14	cps
Terbium	159-2	3795829	3705553	3653910	3718431	1.93	cps
Thallium	203-1	1002565	1014640	1027669	1014958	1.24	cps
Thallium	205-1	2473386	2538036	2574449	2528624	2.02	cps
Tin	118-1	927378	933941	928863	930060	0.37	cps
Titanium	47-1	3260	3294	3224	3259	1.07	cps
Uranium	238-1	3137233	3238248	3071929	3149136	2.66	cps

LB Number :	LB135893	Operator :	Jaswal
Lab Sample ID :	Q1984-16MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	OU4-TS-28-050725MSDI	Dilution Factor :	5
Date & Time Acquired :	2025-05-22 14:18:19	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	228970	231237	228678	229628	0.61	cps
Ytterbium	172-1	30609	30716	30813	30712	0.33	cps
Ytterbium	172-2	13457	13280	13410	13382	0.68	cps
Ytterbium	176-1	24883	25461	25284	25210	1.17	cps
Ytterbium	176-2	10561	10588	10414	10521	0.89	cps
Yttrium	89-1	18831521	19020415	18523271	18791735	1.34	cps
Yttrium	89-2	1351993	1351213	1355792	1352999	0.18	cps
Zinc	66-2	592140	592794	591496	592143	0.11	cps
Zirconium	90-1	2277781	2368782	2302981	2316515	2.03	cps
Zirconium	91-1	488329	494149	489083	490520	0.65	cps

LB Number :	LB135893	Operator :	Jaswal
Lab Sample ID :	Q1984-16ADLX5	Instrumnet Name :	P8
Client Sample ID :	OU4-TS-28-050725ADL	Dilution Factor :	5
Date & Time Acquired :	2025-05-22 14:21:23	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	768974	768222	769733	768977	0.10	cps
Antimony	121-1	1354709	1376296	1403202	1378069	1.76	cps
Arsenic	75-2	1523	1570	1437	1510	4.48	cps
Barium	135-1	1394392	1391433	1408182	1398002	0.64	cps
Barium	137-1	2483291	2472190	2573241	2509574	2.21	cps
Beryllium	9-1	352895	353449	356502	354282	0.55	cps
Bismuth	209-1	5828906	5778208	6051285	5886133	2.47	cps
Bismuth	209-2	2721926	2630016	2782952	2711631	2.84	cps
Bromine	81-1	25326	25620	25754	25567	0.86	cps
Cadmium	108-1	25754	25681	26692	26042	2.17	cps
Cadmium	106-1	44418	44853	44903	44724	0.60	cps
Cadmium	111-1	340851	341393	343990	342078	0.49	cps
Calcium	43-1	2113271	2015925	2061825	2063674	2.36	cps
Calcium	44-1	33797927	33392946	33539573	33576815	0.61	cps
Carbon	12-1	3448490	3453528	3496634	3466217	0.76	cps
Carbon	12-2	23656	24267	23813	23912	1.33	cps
Chlorine	35-1	11004902	11950402	12610188	11855164	6.81	cps
Chlorine	35-2	52890	54278	55282	54150	2.22	cps
Chromium	52-2	273438	275053	274257	274249	0.29	cps
Cobalt	59-2	744480	754827	752455	750587	0.72	cps
Copper	63-2	4315797	4411050	4273313	4333386	1.63	cps
Dysprosium	156-1	171709	174021	178080	174603	1.85	cps
Dysprosium	156-2	48705	47962	47615	48094	1.16	cps
Erbium	164-1	125078	125431	127131	125880	0.87	cps
Erbium	164-2	45150	45310	45086	45182	0.26	cps
Gadolinium	160-1	124559	125787	126043	125463	0.63	cps
Gadolinium	160-2	53828	53353	53888	53690	0.55	cps
Holmium	165-1	9841871	9969442	10111448	9974254	1.35	cps
Holmium	165-2	3869728	3741110	3852513	3821117	1.83	cps
Indium	115-1	8749350	8865211	8961919	8858827	1.20	cps
Indium	115-2	902447	876771	899203	892807	1.57	cps
Iron	54-2	801902	815005	816910	811272	1.01	cps
Iron	56-2	14892702	14945948	14951030	14929893	0.22	cps
Iron	57-2	373459	371280	370823	371854	0.38	cps
Krypton	83-1	257	290	367	304	18.53	cps
Lead	206-1	4485957	4517748	4505650	4503118	0.36	cps

LB Number :	LB135893	Operator :	Jaswal
Lab Sample ID :	Q1984-16ADLX5	Instrumnet Name :	P8
Client Sample ID :	OU4-TS-28-050725ADL	Dilution Factor :	5
Date & Time Acquired :	2025-05-22 14:21:23	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	3883853	3924157	3926005	3911338	0.61	cps
Lead	208-1	17615045	17706606	17905916	17742522	0.84	cps
Lithium	6-1	3276000	3365822	3352634	3331486	1.46	cps
Magnesium	24-2	2636490	2618100	2538269	2597620	2.01	cps
Manganese	55-2	4947239	5012662	4895641	4951847	1.18	cps
Molybdenum	94-1	2205325	2208382	2226596	2213434	0.52	cps
Molybdenum	95-1	2423571	2430851	2523996	2459473	2.28	cps
Molybdenum	96-1	2763266	2750090	2747409	2753589	0.31	cps
Molybdenum	97-1	1485494	1550671	1509714	1515293	2.17	cps
Molybdenum	98-1	3853941	3938192	3952839	3914990	1.36	cps
Neodymium	150-1	177173	178585	180288	178682	0.87	cps
Neodymium	150-2	45707	45671	45865	45748	0.23	cps
Nickel	60-2	196238	194232	195618	195362	0.53	cps
Phosphorus	31-2	1783	1647	1617	1682	5.28	cps
Potassium	39-2	1212226	1214247	1210428	1212300	0.16	cps
Rhodium	103-1	8060911	8246902	8155731	8154515	1.14	cps
Rhodium	103-2	3294010	3222109	3244967	3253696	1.13	cps
Scandium	45-1	6019782	6002127	6035108	6019006	0.27	cps
Scandium	45-2	109896	107317	108764	108659	1.19	cps
Selenium	82-1	22782	23049	23544	23125	1.67	cps
Selenium	77-2	533	580	487	533	8.75	cps
Selenium	78-2	1343	1510	1627	1493	9.54	cps
Silicon	28-1	65503339	64695136	63176721	64458398	1.83	cps
Silver	107-1	281056	281438	282691	281728	0.30	cps
Silver	109-1	259968	261610	264537	262038	0.88	cps
Sodium	23-2	3827628	3786577	3917793	3844000	1.75	cps
Strontium	86-1	1029576	1036058	1044285	1036640	0.71	cps
Strontium	88-1	9040144	9261305	9297717	9199722	1.52	cps
Sulfur	34-1	3761276	3720858	3707743	3729959	0.75	cps
Terbium	159-1	10521200	10405008	10626677	10517628	1.05	cps
Terbium	159-2	3730243	3742799	3755281	3742774	0.33	cps
Thallium	203-1	1014805	1020892	1032500	1022732	0.88	cps
Thallium	205-1	2530717	2544529	2513694	2529647	0.61	cps
Tin	118-1	933337	943171	963009	946506	1.60	cps
Titanium	47-1	3340	3080	3444	3288	5.69	cps
Uranium	238-1	3085757	3164453	3261250	3170487	2.77	cps

LB Number :	LB135893	Operator :	Jaswal
Lab Sample ID :	Q1984-16ADLX5	Instrumnet Name :	P8
Client Sample ID :	OU4-TS-28-050725ADL	Dilution Factor :	5
Date & Time Acquired :	2025-05-22 14:21:23	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	230383	230413	229776	230191	0.16	cps
Ytterbium	172-1	31073	31320	30933	31109	0.63	cps
Ytterbium	172-2	12906	13107	13717	13243	3.19	cps
Ytterbium	176-1	24573	25391	24934	24966	1.64	cps
Ytterbium	176-2	10564	10804	10654	10674	1.14	cps
Yttrium	89-1	18655998	18536099	19030711	18740936	1.38	cps
Yttrium	89-2	1355665	1321776	1355596	1344346	1.45	cps
Zinc	66-2	598448	595502	592922	595624	0.46	cps
Zirconium	90-1	2327627	2389529	2354778	2357311	1.32	cps
Zirconium	91-1	495143	505629	506313	502362	1.25	cps

LB Number :	LB135893	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired :	2025-05-22 14:24:24	DataFile Name :	030CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2112064	2198981	2115163	2142069	2.30	cps
Antimony	121-1	6841363	6954027	6871644	6889011	0.85	cps
Arsenic	75-2	151532	152296	150153	151327	0.72	cps
Barium	135-1	7363342	7496521	7539922	7466595	1.23	cps
Barium	137-1	12654778	13052750	12935037	12880855	1.59	cps
Beryllium	9-1	1582368	1622965	1625962	1610432	1.51	cps
Bismuth	209-1	5422437	5322076	5391224	5378579	0.95	cps
Bismuth	209-2	2411471	2547914	2496763	2485383	2.77	cps
Bromine	81-1	22254	21807	21583	21882	1.56	cps
Cadmium	108-1	123396	127735	125969	125700	1.74	cps
Cadmium	106-1	186346	189739	187485	187857	0.92	cps
Cadmium	111-1	1589647	1630819	1623118	1614528	1.36	cps
Calcium	43-1	9607621	9686138	9643031	9645597	0.41	cps
Calcium	44-1	152625038	159419428	159266738	157103734	2.47	cps
Carbon	12-1	2883058	2920473	2934737	2912756	0.92	cps
Carbon	12-2	22257	22187	22477	22307	0.68	cps
Chlorine	35-1	1316405	1229396	1154869	1233556	6.55	cps
Chlorine	35-2	4211	4144	3567	3974	8.90	cps
Chromium	52-2	1283809	1283498	1284289	1283865	0.03	cps
Cobalt	59-2	2481372	2513467	2423194	2472678	1.85	cps
Copper	63-2	19279378	19492803	19749457	19507213	1.21	cps
Dysprosium	156-1	440	513	390	448	13.85	cps
Dysprosium	156-2	113	93	87	98	14.20	cps
Erbium	164-1	377	360	380	372	2.88	cps
Erbium	164-2	153	153	147	151	2.55	cps
Gadolinium	160-1	233	300	390	308	25.54	cps
Gadolinium	160-2	110	93	103	102	8.21	cps
Holmium	165-1	9400277	9756818	9586527	9581207	1.86	cps
Holmium	165-2	3589569	3853732	3787733	3743678	3.67	cps
Indium	115-1	7892386	8029935	7984211	7968844	0.88	cps
Indium	115-2	810751	863865	846199	840272	3.22	cps
Iron	54-2	13731102	13608109	13436940	13592050	1.09	cps
Iron	56-2	247259250	247345443	253789030	249464574	1.50	cps
Iron	57-2	6302399	6372579	6303365	6326114	0.64	cps
Krypton	83-1	250	277	167	231	24.83	cps
Lead	206-1	21152828	20914866	20917090	20994928	0.65	cps

LB Number :	LB135893	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired :	2025-05-22 14:24:24	DataFile Name :	030CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	17787465	17774413	17579118	17713665	0.66	cps
Lead	208-1	81506440	82269387	82092852	81956226	0.49	cps
Lithium	6-1	3047111	3101689	3064045	3070948	0.91	cps
Magnesium	24-2	35992141	36079389	36880796	36317442	1.35	cps
Manganese	55-2	5476624	5501349	5382400	5453458	1.15	cps
Molybdenum	94-1	22801478	23593540	23040987	23145335	1.76	cps
Molybdenum	95-1	33351562	33910644	33316979	33526395	0.99	cps
Molybdenum	96-1	35746716	35488990	36367831	35867846	1.26	cps
Molybdenum	97-1	20284804	20479682	20927895	20564127	1.60	cps
Molybdenum	98-1	52107049	54863508	53627069	53532542	2.58	cps
Neodymium	150-1	600	627	697	641	7.79	cps
Neodymium	150-2	63	47	53	54	15.40	cps
Nickel	60-2	639623	649533	640146	643100	0.87	cps
Phosphorus	31-2	24484	25289	24224	24665	2.25	cps
Potassium	39-2	12552467	12560853	12646759	12586693	0.41	cps
Rhodium	103-1	7248405	7324230	7410934	7327856	1.11	cps
Rhodium	103-2	2903138	3110809	3117005	3043650	4.00	cps
Scandium	45-1	5554995	5556875	5569030	5560300	0.14	cps
Scandium	45-2	104305	108595	110719	107873	3.03	cps
Selenium	82-1	106449	108138	108342	107643	0.97	cps
Selenium	77-2	1840	1773	1820	1811	1.89	cps
Selenium	78-2	6405	6392	6348	6381	0.46	cps
Silicon	28-1	41799618	43513354	43192818	42835263	2.13	cps
Silver	107-1	8068696	7979061	7839436	7962398	1.45	cps
Silver	109-1	7515894	7542060	7463926	7507293	0.53	cps
Sodium	23-2	68844007	69149806	69102204	69032006	0.24	cps
Strontium	86-1	2105625	2155315	2155697	2138879	1.35	cps
Strontium	88-1	18150459	18560891	18592948	18434766	1.34	cps
Sulfur	34-1	1075604	1074793	1077040	1075812	0.11	cps
Terbium	159-1	9874361	9863899	9985259	9907840	0.68	cps
Terbium	159-2	3493085	3751321	3583452	3609286	3.63	cps
Thallium	203-1	5125725	5078423	5111710	5105286	0.48	cps
Thallium	205-1	12139884	12160174	11984466	12094841	0.79	cps
Tin	118-1	5180438	5318794	5289316	5262849	1.38	cps
Titanium	47-1	9595263	9318380	9285589	9399744	1.81	cps
Uranium	238-1	14833997	15753482	15554929	15380803	3.15	cps

LB Number :	LB135893	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired :	2025-05-22 14:24:24	DataFile Name :	030CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1011882	1008490	1013068	1011147	0.23	cps
Ytterbium	172-1	573	540	523	546	4.67	cps
Ytterbium	172-2	223	220	230	224	2.27	cps
Ytterbium	176-1	26443	27418	27659	27174	2.37	cps
Ytterbium	176-2	10347	10441	10267	10352	0.84	cps
Yttrium	89-1	14757200	15375460	15330659	15154439	2.27	cps
Yttrium	89-2	1110247	1178626	1156746	1148540	3.04	cps
Zinc	66-2	2310679	2280218	2233906	2274934	1.70	cps
Zirconium	90-1	11444596	12029355	11779019	11750990	2.50	cps
Zirconium	91-1	2620375	2629649	2626305	2625443	0.18	cps

LB Number :	LB135893	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P8
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	63	63	63	63	0.00	cps
Antimony	121-1	740	573	547	620	16.90	cps
Arsenic	75-2	7	7	3	6	34.70	cps
Barium	135-1	63	87	83	78	16.23	cps
Barium	137-1	147	153	107	136	18.62	cps
Beryllium	9-1	197	249	219	222	11.62	cps
Bismuth	209-1	6134623	5969022	6295045	6132897	2.66	cps
Bismuth	209-2	2638882	2739863	2798642	2725796	2.96	cps
Bromine	81-1	21153	21156	21660	21323	1.37	cps
Cadmium	108-1	17	23	13	18	28.64	cps
Cadmium	106-1	5104	5071	5198	5124	1.28	cps
Cadmium	111-1	3581	3547	3652	3593	1.50	cps
Calcium	43-1	627	650	693	657	5.15	cps
Calcium	44-1	23236	23503	24010	23583	1.67	cps
Carbon	12-1	2358602	2353778	2372758	2361713	0.42	cps
Carbon	12-2	15275	15321	15468	15355	0.66	cps
Chlorine	35-1	310179	300264	297544	302663	2.20	cps
Chlorine	35-2	1067	1030	1133	1077	4.87	cps
Chromium	52-2	527	577	587	563	5.71	cps
Cobalt	59-2	60	57	40	52	20.52	cps
Copper	63-2	1370	1237	1320	1309	5.15	cps
Dysprosium	156-1	3	13	27	14	81.07	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	57	60	90	69	26.65	cps
Erbium	164-2	27	13	33	24	41.66	cps
Gadolinium	160-1	57	80	63	67	18.03	cps
Gadolinium	160-2	13	17	7	12	41.65	cps
Holmium	165-1	9972784	10081989	10430283	10161686	2.35	cps
Holmium	165-2	3611236	3782727	3881033	3758332	3.63	cps
Indium	115-1	8779032	8892720	9463662	9045138	4.06	cps
Indium	115-2	858005	911932	925563	898500	3.98	cps
Iron	54-2	457	453	477	462	2.73	cps
Iron	56-2	5018	5048	5181	5082	1.71	cps
Iron	57-2	130	127	150	136	9.31	cps
Krypton	83-1	187	207	167	187	10.71	cps
Lead	206-1	763	750	683	732	5.85	cps

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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	630	613	707	650	7.66	cps
Lead	208-1	2967	2964	2977	2969	0.23	cps
Lithium	6-1	3354397	3459462	3477116	3430325	1.93	cps
Magnesium	24-2	740	783	667	730	8.08	cps
Manganese	55-2	810	923	710	814	13.11	cps
Molybdenum	94-1	697	747	767	737	4.89	cps
Molybdenum	95-1	403	320	340	354	12.27	cps
Molybdenum	96-1	497	390	480	456	12.60	cps
Molybdenum	97-1	197	220	213	210	5.72	cps
Molybdenum	98-1	563	520	463	516	9.73	cps
Neodymium	150-1	13	20	10	14	35.26	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	157	110	113	127	20.55	cps
Phosphorus	31-2	73	50	67	63	18.98	cps
Potassium	39-2	14961	15325	14591	14959	2.45	cps
Rhodium	103-1	8330391	8537966	8751607	8539988	2.47	cps
Rhodium	103-2	3208492	3408304	3377096	3331297	3.23	cps
Scandium	45-1	5810328	5707145	6307985	5941819	5.41	cps
Scandium	45-2	104149	111015	110810	108658	3.59	cps
Selenium	82-1	63	60	83	69	18.32	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	7	13	27	16	65.47	cps
Silicon	28-1	480825	482104	486052	482994	0.56	cps
Silver	107-1	290	327	270	296	9.72	cps
Silver	109-1	237	213	167	206	17.34	cps
Sodium	23-2	37612	36322	36218	36717	2.11	cps
Strontium	86-1	383	377	383	381	1.01	cps
Strontium	88-1	327	370	310	336	9.23	cps
Sulfur	34-1	564060	563360	564773	564064	0.13	cps
Terbium	159-1	10504247	10682598	10716669	10634505	1.07	cps
Terbium	159-2	3453048	3706447	3723419	3627638	4.17	cps
Thallium	203-1	240	323	257	273	16.13	cps
Thallium	205-1	577	627	663	622	6.99	cps
Tin	118-1	1503	1583	1537	1541	2.61	cps
Titanium	47-1	287	253	260	267	6.61	cps
Uranium	238-1	110	127	90	109	16.86	cps

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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	10	13	10	11	17.30	cps
Ytterbium	172-1	70	83	57	70	19.04	cps
Ytterbium	172-2	20	30	43	31	37.62	cps
Ytterbium	176-1	1153	1287	1223	1221	5.46	cps
Ytterbium	176-2	247	417	343	336	25.41	cps
Yttrium	89-1	16206741	16331558	17035704	16524668	2.70	cps
Yttrium	89-2	1103914	1181913	1192821	1159549	4.18	cps
Zinc	66-2	263	257	273	264	3.17	cps
Zirconium	90-1	1573	1523	1587	1561	2.14	cps
Zirconium	91-1	293	320	297	303	4.79	cps